CalSim II Modeling Attachment: Alternative Plan 1, Future Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,266	790	1,165	350	350	350	350	467	350	432	420
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	120
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	810
1936	Above Normal	1,127	2,963	350	350	350	350	350	350	467	350	350	1,283
1937	Wet	2,546	4,653	1,732	1,436	350	350	350	350	467	396	525	2,309
1938	Wet	4,163	8,000	7,726	5,073	1,223	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	1,878
1941	Wet	1,237	3,249	2,919	2,000	350	350	350	350	467	350	423	510
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	1,095	653
1943	Wet	2,804	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	1,997
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	419	516	364
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	351
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	3,217	1,240	745
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	415
1952	Wet	2,409	4,585	3,270	3,518	350	350	350	350	467	350	387	367
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	2,209	4,271	743
1956	Wet	1,062	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	4,451	3,187	2,810	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	437
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	521	899
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	415	375
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	497
1967	Wet	1,016	4,571	2,952	3,259	3,869	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	1,982	3,696
1969	Wet	3,944	8,307	8,193	7,441	1,758	350	350	350	467	350	436	362
1970	Above Normal	1,044	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	829	350	350	350	350	467	350	1,111	411
1974	Wet	1,069	3,249	605	813	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	2,422
1978	Wet	2,396	4,687	4,483	4,671	1,726	350	350	350	467	350	432	385
1979	Above Normal	1,218	2,908	350	350	350	350	350	350	467	350	2,557	3,692
1980	Wet	2,014	3,249	2,207	2,472	413	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	653
1982	Wet	1,085	5,642	4,746	3,119	350	350	350	1,317	1,640	3,444	3,668	3,697
1983	Wet	5,411	8,381	7,457	8,542	5,367	350	350	350	923	3,125	900	371
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	4,293
1986	Wet	4,374	3,269	2,000	2,430	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	359
1993	Wet	1,143	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	365	752
1995	Wet	3,488	5,007	4,976	3,448	6,421	350	350	350	467	350	350	350
1996	Wet	2,394	3,249	614	614	350	350	350	350	467	1,755	10,325	2,293
1997	Wet	1,072	3,249	2,000	2,000	350	350	350	350	467	350	350	1,697
1998	Wet	1,682	4,452	3,025	5,009	5,120	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	1,000	553	553	560	553	677	553	366	350
1923	Above Normal	1,016	2,494	350	560	553	553	560	553	677	553	553	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	394	392	392	394	392	511	392	392	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	590	553	553	560	553	677	553	553	350
1928	Below Normal	1,016	1,343	350	437	435	435	437	435	554	435	435	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	644	553	553	560	553	677	551	552	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	528	523	523	528	523	645	523	523	350
1936	Above Normal	1,016	2,963	350	560	553	553	560	553	677	553	350	350
1937	Wet	1,016	3,249	620	830	553	553	560	553	677	350	350	350
1938	Wet	2,343	4,597	5,076	3,769	1,158	553	560	553	677	553	553	350
1939	Dry	1,016	802	350	545	538	538	545	538	662	538	538	350
1940	Above Normal	1,016	3,027	350	532	526	526	532	526	649	440	350	350
1941	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	444	350	350
1942	Wet	1,016	3,249	673	883	553	553	560	553	677	553	350	350
1943	Wet	1,016	3,249	441	651	553	553	560	553	677	553	553	350
1944	Below Normal	1,016	1,595	350	446	443	443	446	443	563	443	443	350
1945	Above Normal	1,016	3,249	539	749	553	553	560	553	677	553	553	350
1946	Above Normal	1,016	2,671	350	545	539	539	545	539	662	539	539	350
1947	Dry	1,016	1,279	350	389	388	388	389	388	506	388	388	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	370	369	369	370	369	487	350	350	350
1951	Above Normal	1,016	2,976	350	560	553	553	560	553	677	553	553	350
1952	Wet	1,016	3,249	2,000	2,017	553	553	560	553	677	553	553	350
1953	Below Normal	1,016	1,508	350	503	498	498	503	498	620	498	498	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1957	Below Normal	1,016	1,734	350	518	512	512	518	512	635	512	512	350
1958	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1959	Dry	1,016	880	350	365	365	365	365	365	482	365	365	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	543	537	537	543	537	660	537	537	350
1963	Above Normal	1,016	3,178	350	560	553	553	560	553	677	553	553	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	904	553	553	560	553	677	553	553	350
1966	Below Normal	1,016	1,670	350	479	475	475	479	475	596	475	475	350
1967	Wet	1,016	3,249	2,000	2,000	553	553	560	553	508	553	553	350
1968	Dry	1,016	582	350	499	494	494	499	494	616	494	350	350
1969	Wet	2,224	4,672	4,716	6,146	1,683	553	560	553	677	553	350	350
1970	Above Normal	1,016	2,003	350	560	553	553	560	553	677	553	553	350
1971	Below Normal	1,016	1,939	350	459	456	456	459	456	576	456	456	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	634	544	544	551	544	668	544	544	350
1974	Wet	1,016	3,249	600	810	553	553	560	553	677	553	553	350
1975	Wet	1,016	2,827	350	552	546	546	552	546	669	546	546	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1979	Above Normal	1,016	2,908	350	560	553	553	560	553	677	553	350	350
1980	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1981	Dry	1,016	1,149	350	521	516	516	521	516	638	516	516	350
1982	Wet	1,016	3,249	2,000	2,210	553	553	560	553	467	350	3,369	3,668
1983	Wet	4,557	7,651	7,802	8,550	5,281	553	560	350	804	3,100	875	350
1984	Above Normal	1,016	3,249	435	645	553	553	560	553	677	553	553	350
1985	Dry	1,016	1,287	350	466	462	462	466	462	583	462	462	350
1986	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,210	4,552	553	560	553	677	525	553	350
1996	Wet	1,016	3,249	614	824	553	553	560	553	677	523	4,462	1,084
1997	Wet	1,079	3,249	2,000	2,210	553	553	560	553	677	553	553	350
1998	Wet	1,016	3,249	2,000	2,000	1,306	553	560	553	677	440	553	350
1999	Above Normal	1,016	2,194	350	560	553	553	560	553	677	553	553	350
2000	Above Normal	1,016	2,700	350	531	526	526	531	526	648	526	526	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	408	406	406	408	n/a	n/a	n/a	n/a	n/a

Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	-16	0	-165	203	203	210	203	210	203	-66	-70
1923	Above Normal	0	0	0	210	203	203	210	203	210	203	203	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	44	42	42	44	42	44	42	42	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	210	203	203	210	203	210	203	203	0
1928	Below Normal	0	0	0	87	85	85	87	85	87	85	85	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-10
1932	Above Normal	0	0	0	210	203	203	210	203	210	201	202	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	178	173	173	178	173	178	173	173	-460
1936	Above Normal	-111	0	0	210	203	203	210	203	210	203	0	-933
1937	Wet	-1,530	-1,403	-1,112	-606	203	203	210	203	210	-46	-175	-1,959
1938	Wet	-1,820	-3,403	-2,650	-1,304	-66	203	210	203	210	203	203	0
1939	Dry	0	0	0	195	188	188	195	188	195	188	188	0
1940	Above Normal	0	0	0	182	176	176	182	176	182	90	0	-1,528
1941	Wet	-221	0	-919	210	203	203	210	203	210	94	-73	-160
1942	Wet	0	0	0	210	203	203	210	203	210	203	-745	-303
1943	Wet	-1,788	0	0	210	203	203	210	203	210	203	203	0
1944	Below Normal	0	0	0	96	93	93	96	93	96	93	93	-1,647
1945	Above Normal	0	0	0	210	203	203	210	203	210	134	37	-14
1946	Above Normal	0	0	0	195	189	189	195	189	195	189	189	-1
1947	Dry	0	0	0	39	38	38	39	38	39	38	38	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	20	19	19	20	19	20	-2,867	-890	-395
1951	Above Normal	0	0	0	210	203	203	210	203	210	203	203	-65
1952	Wet	-1,393	-1,336	-1,270	-1,501	203	203	210	203	210	203	166	-17
1953	Below Normal	0	0	0	153	148	148	153	148	153	148	148	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	-1,859	-3,921	-393
1956	Wet	-46	0	0	210	203	203	210	203	210	203	203	0
1957	Below Normal	0	0	0	168	162	162	168	162	168	162	162	0
1958	Wet	0	-1,202	-1,187	-600	203	203	210	203	210	203	203	0
1959	Dry	0	0	0	15	15	15	15	15	15	15	15	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	193	187	187	193	187	193	187	187	-87
1963	Above Normal	0	0	0	210	203	203	210	203	210	203	203	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-171	-549
1965	Wet	0	0	0	210	203	203	210	203	210	203	139	-25
1966	Below Normal	0	0	0	129	125	125	129	125	129	125	125	-147
1967	Wet	0	-1,322	-952	-1,259	-3,315	203	210	203	41	203	203	0
1968	Dry	0	0	0	149	144	144	149	144	149	144	-1,632	-3,346
1969	Wet	-1,720	-3,634	-3,477	-1,295	-75	203	210	203	210	203	-86	-12
1970	Above Normal	-28	0	0	210	203	203	210	203	210	203	203	0
1971	Below Normal	0	0	0	109	106	106	109	106	109	106	106	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	-195	194	194	201	194	201	194	-566	-61
1974	Wet	-53	0	-5	-3	203	203	210	203	210	203	203	0
1975	Wet	0	0	0	202	196	196	202	196	202	196	196	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2,322
1978	Wet	-1,380	-1,438	-2,483	-2,461	-1,173	203	210	203	210	203	122	-35
1979	Above Normal	-202	0	0	210	203	203	210	203	210	203	-2,207	-3,342
1980	Wet	-998	0	-207	-262	140	203	210	203	210	203	203	0
1981	Dry	0	0	0	171	166	166	171	166	171	166	166	-303
1982	Wet	-69	-2,393	-2,746	-909	203	203	210	-764	-1,173	-3,094	-298	-29
1983	Wet	-854	-730	346	7	-86	203	210	0	-118	-25	-25	-21
1984	Above Normal	0	0	0	210	203	203	210	203	210	203	203	0
1985	Dry	0	0	0	116	112	112	116	112	116	112	112	-3,943
1986	Wet	-3,358	-20	0	-220	203	203	210	203	210	203	203	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-9
1993	Wet	-127	0	0	210	203	203	210	203	210	203	203	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	-15	-402
1995	Wet	-2,472	-1,758	-2,976	-1,238	-1,869	203	210	203	210	175	203	0
1996	Wet	-1,378	0	0	210	203	203	210	203	210	-1,232	-5,863	-1,209
1997	Wet	7	0	0	210	203	203	210	203	210	203	203	-1,347
1998	Wet	-666	-1,202	-1,025	-3,009	-3,814	203	210	203	210	90	203	0
1999	Above Normal	0	0	0	210	203	203	210	203	210	203	203	0
2000	Above Normal	0	0	0	181	176	176	181	176	181	176	176	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	58	56	56	58	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0%	-1%	0%	-14%	58%	58%	60%	58%	45%	58%	-15%	-17%
1923	Above Normal	0%	0%	0%	60%	58%	58%	60%	58%	45%	58%	58%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	13%	12%	12%	13%	12%	9%	12%	12%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	55%	58%	58%	60%	58%	45%	58%	58%	0%
1928	Below Normal	0%	0%	0%	25%	24%	24%	25%	24%	19%	24%	24%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%
1932	Above Normal	0%	0%	0%	48%	58%	58%	60%	58%	45%	57%	58%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	51%	49%	49%	51%	49%	38%	49%	49%	-57%
1936	Above Normal	-10%	0%	0%	60%	58%	58%	60%	58%	45%	58%	0%	-73%
1937	Wet	-60%	-30%	-64%	-42%	58%	58%	60%	58%	45%	-12%	-33%	-85%
1938	Wet	-44%	-43%	-34%	-26%	-5%	58%	60%	58%	45%	58%	58%	0%
1939	Dry	0%	0%	0%	56%	54%	54%	56%	54%	42%	54%	54%	0%
1940	Above Normal	0%	0%	0%	52%	50%	50%	52%	50%	39%	26%	0%	-81%
1941	Wet	-18%	0%	-31%	11%	58%	58%	60%	58%	45%	27%	-17%	-31%
1942	Wet	0%	0%	0%	31%	58%	58%	60%	58%	45%	58%	-68%	-46%
1943	Wet	-64%	0%	0%	48%	58%	58%	60%	58%	45%	58%	58%	0%
1944	Below Normal	0%	0%	0%	27%	27%	27%	27%	27%	21%	27%	27%	-82%
1945	Above Normal	0%	0%	0%	39%	58%	58%	60%	58%	45%	32%	7%	-4%
1946	Above Normal	0%	0%	0%	56%	54%	54%	56%	54%	42%	54%	54%	0%
1947	Dry	0%	0%	0%	11%	11%	11%	11%	11%	8%	11%	11%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	6%	5%	5%	6%	5%	4%	-89%	-72%	-53%
1951	Above Normal	0%	0%	0%	60%	58%	58%	60%	58%	45%	58%	58%	-16%
1952	Wet	-58%	-29%	-39%	-43%	58%	58%	60%	58%	45%	58%	43%	-5%
1953	Below Normal	0%	0%	0%	44%	42%	42%	44%	42%	33%	42%	42%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-84%	-92%	-53%
1956	Wet	-4%	0%	0%	11%	58%	58%	60%	58%	45%	58%	58%	0%
1957	Below Normal	0%	0%	0%	48%	46%	46%	48%	46%	36%	46%	46%	0%
1958	Wet	0%	-27%	-37%	-21%	58%	58%	60%	58%	45%	58%	58%	0%
1959	Dry	0%	0%	0%	4%	4%	4%	4%	4%	3%	4%	4%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	55%	53%	53%	55%	53%	41%	53%	53%	-20%
1963	Above Normal	0%	0%	0%	60%	58%	58%	60%	58%	45%	58%	58%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	-61%
1965	Wet	0%	0%	0%	30%	58%	58%	60%	58%	45%	58%	33%	-7%
1966	Below Normal	0%	0%	0%	37%	36%	36%	37%	36%	28%	36%	36%	-30%
1967	Wet	0%	-29%	-32%	-39%	-86%	58%	60%	58%	9%	58%	58%	0%
1968	Dry	0%	0%	0%	42%	41%	41%	42%	41%	32%	41%	-82%	-91%
1969	Wet	-44%	-44%	-42%	-17%	-4%	58%	60%	58%	45%	58%	-20%	-3%
1970	Above Normal	-3%	0%	0%	60%	58%	58%	60%	58%	45%	58%	58%	0%
1971	Below Normal	0%	0%	0%	31%	30%	30%	31%	30%	23%	30%	30%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	-24%	56%	56%	57%	56%	43%	56%	-51%	-15%
1974	Wet	-5%	0%	-1%	0%	58%	58%	60%	58%	45%	58%	58%	0%
1975	Wet	0%	0%	0%	58%	56%	56%	58%	56%	43%	56%	56%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-96%
1978	Wet	-58%	-31%	-55%	-53%	-68%	58%	60%	58%	45%	58%	28%	-9%
1979	Above Normal	-17%	0%	0%	60%	58%	58%	60%	58%	45%	58%	-86%	-91%
1980	Wet	-50%	0%	-9%	-11%	34%	58%	60%	58%	45%	58%	58%	0%
1981	Dry	0%	0%	0%	49%	47%	47%	49%	47%	37%	47%	47%	-46%
1982	Wet	-6%	-42%	-58%	-29%	58%	58%	60%	-58%	-72%	-90%	-8%	-1%
1983	Wet	-16%	-9%	5%	0%	-2%	58%	60%	0%	-13%	-1%	-3%	-6%
1984	Above Normal	0%	0%	0%	48%	58%	58%	60%	58%	45%	58%	58%	0%
1985	Dry	0%	0%	0%	33%	32%	32%	33%	32%	25%	32%	32%	-92%
1986	Wet	-77%	-1%	0%	-9%	58%	58%	60%	58%	45%	58%	58%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Wet	-11%	0%	0%	11%	58%	58%	60%	58%	45%	58%	58%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	-53%
1995	Wet	-71%	-35%	-60%	-36%	-29%	58%	60%	58%	45%	50%	58%	0%
1996	Wet	-58%	0%	0%	34%	58%	58%	60%	58%	45%	-70%	-57%	-53%
1997	Wet	1%	0%	0%	11%	58%	58%	60%	58%	45%	58%	58%	-79%
1998	Wet	-40%	-27%	-34%	-60%	-74%	58%	60%	58%	45%	26%	58%	0%
1999	Above Normal	0%	0%	0%	60%	58%	58%	60%	58%	45%	58%	58%	0%
2000	Above Normal	0%	0%	0%	52%	50%	50%	52%	50%	39%	50%	50%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	17%	16%	16%	17%	n/a	n/a	n/a	n/a	n/a

Simulated Merced River Inflow to San Joaquin River (Node C566)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	47	37	95
1931	Critical	276	385	372	382	408	296	131	100	105	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,506	241	149	519	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	464	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,441	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	282	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	570	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	75	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	75	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	56	10
1992	Critical	272	289	297	291	352	298	203	143	146	99	81	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	51	37	95
1931	Critical	276	385	372	382	408	296	131	100	108	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,505	241	149	520	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	463	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,440	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	283	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	569	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	79	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	76	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	60	10
1992	Critical	272	289	297	291	352	298	203	143	146	102	84	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1931	Critical	0	0	0	0	0	0	0	0	3	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	1	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	1	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	4	0
1992	Critical	0	0	0	0	0	0	0	0	0	3	4	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	5%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,880	3,099	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,530	2,173	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,040	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,405	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,989	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,935	4,272	5,182	4,021	1,218	701	871	922
1938	Wet	667	1,293	3,806	3,052	13,217	16,013	11,079	13,008	9,495	2,492	1,269	1,098
1939	Dry	1,129	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,307	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	8,353	4,858	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	968	1,331	2,286	2,617	3,270	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	4,657	3,334	8,267	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	6,284	3,309	3,683	1,343	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	7,344	4,036	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,846	2,608	6,084	5,472	7,780	6,131	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,104	817	380	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	5,613	10,132	4,979	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,796	5,654	4,595	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,042	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,515	1,485	1,647	4,411	1,486	983	1,300	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	9,472	7,207	7,298	6,063	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	7,133	16,211	10,932	13,963	16,023	13,339	3,068	1,312	1,206
1970	Above Normal	1,108	1,251	1,017	5,487	2,378	2,751	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	3,045	1,714	2,986	4,137	2,598	956	913	1,102	1,048
1975	Wet	910	1,144	950	789	3,412	3,187	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,172	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	5,873	6,183	9,244	6,704	6,772	2,700	1,353	1,890
1979	Above Normal	706	1,294	965	2,495	3,656	3,882	3,482	1,745	500	278	874	902
1980	Wet	943	1,069	916	8,391	11,822	7,805	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,172	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,821	14,763	9,584	3,755	2,354	1,466	1,740
1983	Wet	1,666	5,161	11,180	14,179	17,603	22,576	14,744	13,742	17,787	11,028	2,542	1,674
1984	Above Normal	1,903	5,420	9,997	5,988	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	11,528	13,205	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,178	2,490	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,515	2,015	10,379	7,640	10,024	7,234	9,188	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,683	4,036	2,451	671	511	979	957
1997	Wet	861	2,152	9,139	32,086	8,783	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	11,880	5,705	9,076	7,257	11,979	9,052	1,556	1,248
1999	Above Normal	986	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,772	3,248	2,887	1,896	372	151	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,884	3,089	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,341	2,131	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,040	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	97	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,404	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,848	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,103	4,014	4,058	3,214	1,218	701	871	922
1938	Wet	667	1,293	3,806	2,941	11,377	14,275	7,845	10,491	8,256	2,492	1,269	1,098
1939	Dry	1,238	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,329	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	7,037	4,854	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	1,034	1,331	2,286	2,612	3,109	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	3,920	3,384	6,793	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	5,240	3,309	3,683	1,344	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	4,524	3,269	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,708	2,622	6,015	5,050	6,795	4,963	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,103	818	379	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	4,072	6,487	4,725	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,420	5,654	4,594	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,043	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,503	1,485	1,647	4,411	1,486	983	1,299	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	8,902	6,521	6,356	4,231	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	5,520	12,998	9,299	10,510	12,720	12,109	2,861	1,312	1,206
1970	Above Normal	1,140	1,251	1,017	5,481	2,378	2,702	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	2,628	1,714	2,986	4,137	2,598	955	913	1,102	1,047
1975	Wet	910	1,144	950	789	3,412	3,132	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,170	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	4,120	4,986	7,983	4,568	5,891	2,700	1,352	1,890
1979	Above Normal	706	1,294	965	2,495	3,529	3,712	3,482	1,745	499	277	874	902
1980	Wet	943	1,069	916	6,247	8,053	6,838	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,239	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,663	12,531	7,199	3,755	2,354	1,466	1,740
1983	Wet	1,666	4,140	7,844	13,061	17,541	21,801	14,838	14,070	17,794	11,004	2,542	1,674
1984	Above Normal	1,903	5,299	9,971	5,962	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	8,071	9,878	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,177	2,482	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,514	2,015	8,684	6,167	7,418	7,010	7,285	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,520	4,036	2,450	671	511	979	957
1997	Wet	861	2,105	7,179	25,601	7,529	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	10,292	5,189	8,074	6,495	9,351	5,490	1,556	1,248
1999	Above Normal	1,049	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,541	3,157	2,887	1,896	372	150	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-142	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,840	-1,738	-3,233	-2,517	-1,239	0	0	0
1939	Dry	109	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	22	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	-1,317	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-737	50	-1,474	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-138	14	-69	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-376	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-570	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,212	-1,634	-3,452	-3,303	-1,230	-207	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	-55	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,197	-1,261	-2,135	-881	0	0	0
1979	Above Normal	0	0	0	0	-127	-169	0	0	0	-1	0	0
1980	Wet	0	0	0	-2,144	-3,769	-967	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-1,118	-62	-775	94	328	7	-23	0	0
1984	Above Normal	0	-121	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,696	-1,472	-2,605	-225	-1,903	0	0
1996	Wet	0	0	0	0	0	-163	0	0	0	0	0	0
1997	Wet	0	-47	-1,960	-6,485	-1,255	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,588	-516	-1,002	-762	-2,628	-3,561	0	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-7%	-2%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-	-	-100%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	-	0%	-	-	-	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-8%	-6%	-22%	-20%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-4%	-14%	-11%	-29%	-19%	-13%	0%	0%	0%
1939	Dry	10%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-16%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	7%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-16%	2%	-18%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-38%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-3%	1%	-1%	-8%	-13%	-19%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-27%	-36%	-5%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-78%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-6%	-10%	-13%	-30%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-23%	-20%	-15%	-25%	-21%	-9%	-7%	0%	0%
1970	Above Normal	3%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-55%	1727%	0%
1978	Wet	0%	0%	0%	0%	-30%	-19%	-14%	-32%	-13%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-3%	-4%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-26%	-32%	-12%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-3%	-15%	-25%	0%	0%	0%	0%
1983	Wet	0%	-20%	-30%	-8%	0%	-3%	1%	2%	0%	0%	0%	0%
1984	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-30%	-25%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	-	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	391%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-16%	-19%	-26%	-3%	-21%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-21%	-20%	-14%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-13%	-9%	-11%	-10%	-22%	-39%	0%	0%
1999	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-4%	-3%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,766	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,765	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,565	3,732	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,470	4,094	2,342	6,391	2,666	1,526	911	1,553	1,809
1924	Critical	1,666	1,672	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,238	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,386	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,931	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,664	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	13,482	8,736	8,692	5,591	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,626	20,292	23,793	16,585	18,515	13,968	6,255	1,935	1,799
1939	Dry	2,120	2,028	1,559	1,536	2,102	3,176	2,781	1,898	686	484	564	1,119
1940	Above Normal	1,184	1,580	1,366	2,741	3,230	5,533	7,543	3,176	1,211	827	1,132	1,504
1941	Wet	1,441	1,644	3,207	3,517	13,328	9,745	9,719	6,656	5,737	4,529	1,867	1,650
1942	Wet	1,775	1,933	2,928	5,741	6,668	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,916	6,554	14,460	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	8,044	7,240	6,029	2,861	1,488	1,755	1,707	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	10,519	7,757	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,693	3,184	9,891	10,148	12,937	10,603	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	715	669	1,011
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,586	2,092	908	579	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	6,054	16,267	9,111	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,966	10,614	9,737	4,635	1,963	1,915
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,182	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,356	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	813	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,232	4,991	4,746	7,626	2,760	1,404	1,907	2,269	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	14,048	11,197	13,847	12,642	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	8,069	21,630	14,824	19,140	22,906	20,936	6,956	1,866	1,808
1970	Above Normal	2,399	2,014	2,083	11,444	4,927	5,814	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,870	3,432	6,779	6,838	4,046	4,328	2,030	1,668	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,837	5,878	3,080	5,556	2,566	1,786	1,630
1976	Critical	2,812	2,011	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	6,423	6,763	10,782	8,209	8,780	3,184	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	7,121	8,145	5,601	7,433	1,043	884	1,583	1,519
1980	Wet	1,669	1,883	1,793	11,284	18,547	11,589	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	1,974	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,406	24,018	16,039	8,664	6,107	2,153	4,169
1983	Wet	4,924	8,272	16,480	19,422	24,291	38,665	19,873	21,715	22,171	17,368	5,492	3,830
1984	Above Normal	2,945	10,865	17,433	10,118	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	13,646	21,223	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	840	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	714	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,660	2,797	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,034	2,169	17,853	12,414	19,605	12,403	17,601	3,620	1,880
1996	Wet	1,547	1,668	1,353	2,047	10,656	8,570	6,919	5,177	3,803	1,371	1,551	1,592
1997	Wet	1,571	2,572	15,392	49,782	12,465	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	18,989	10,768	13,011	12,883	19,040	15,862	2,168	1,880
1999	Above Normal	2,068	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,300	6,957	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	383	484	867

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,570	3,722	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,281	4,052	2,342	6,391	2,666	1,526	910	1,552	1,809
1924	Critical	1,666	1,672	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,237	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,385	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,930	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,522	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	12,650	8,477	7,569	4,784	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,515	18,452	22,055	13,352	15,997	12,729	6,255	1,935	1,799
1939	Dry	2,229	2,028	1,559	1,536	2,102	3,176	2,780	1,897	685	482	562	1,118
1940	Above Normal	1,184	1,580	1,366	2,762	3,229	5,533	7,543	3,176	1,211	828	1,133	1,504
1941	Wet	1,441	1,644	3,207	3,516	12,012	9,741	9,719	6,656	5,737	4,528	1,867	1,650
1942	Wet	1,842	1,933	2,928	5,736	6,507	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,179	6,605	12,986	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	7,001	7,240	6,029	2,860	1,488	1,754	1,706	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	7,699	6,989	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,555	3,198	9,822	9,726	11,952	9,435	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	714	668	1,010
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,587	2,092	908	580	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	4,514	12,622	8,857	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,590	10,613	9,736	4,633	1,961	1,914
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,183	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,357	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	812	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,220	4,991	4,746	7,626	2,760	1,404	1,907	2,268	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	13,478	10,511	12,904	10,810	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	6,456	18,417	13,190	15,688	19,603	19,706	6,749	1,866	1,808
1970	Above Normal	2,432	2,014	2,083	11,438	4,927	5,765	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,453	3,432	6,779	6,838	4,045	4,327	2,029	1,667	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,782	5,878	3,080	5,556	2,566	1,787	1,630
1976	Critical	2,812	2,009	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	4,670	5,566	9,521	6,073	7,898	3,183	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	6,994	7,976	5,600	7,431	1,041	881	1,580	1,518
1980	Wet	1,669	1,883	1,793	9,140	14,778	10,623	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	2,041	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,248	21,785	13,654	8,664	6,107	2,153	4,169
1983	Wet	4,924	7,251	13,144	18,304	24,230	37,890	19,967	22,043	22,179	17,344	5,492	3,830
1984	Above Normal	2,945	10,744	17,408	10,092	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	10,189	17,897	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	839	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	713	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,659	2,788	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,033	2,169	16,157	10,941	16,999	12,177	15,696	3,618	1,879
1996	Wet	1,547	1,668	1,352	2,046	10,655	8,407	6,918	5,176	3,802	1,369	1,550	1,592
1997	Wet	1,571	2,525	13,432	43,297	11,211	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	17,401	10,252	12,008	12,121	16,412	12,300	2,168	1,880
1999	Above Normal	2,131	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,069	6,866	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	382	484	867

Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-142	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,840	-1,738	-3,233	-2,517	-1,239	0	0	0
1939	Dry	109	0	0	0	0	0	-1	-1	-2	-2	-2	-1
1940	Above Normal	0	0	0	22	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,317	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-737	50	-1,474	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-138	14	-69	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-376	-1	-1	-2	-1	-1
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-570	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,212	-1,634	-3,452	-3,303	-1,230	-207	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-55	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,197	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-967	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-1,118	-62	-775	94	329	7	-23	0	0
1984	Above Normal	0	-121	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,696	-1,473	-2,606	-226	-1,905	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,485	-1,255	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,588	-516	-1,002	-762	-2,628	-3,562	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-3%	-13%	-14%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-9%	-7%	-19%	-14%	-9%	0%	0%	0%
1939	Dry	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	4%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-9%	1%	-10%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-27%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-8%	-11%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-25%	-22%	-3%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-14%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-20%	-15%	-11%	-18%	-14%	-6%	-3%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-27%	-18%	-12%	-26%	-10%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-19%	-20%	-8%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-9%	-15%	0%	0%	0%	0%
1983	Wet	0%	-12%	-20%	-6%	0%	-2%	0%	2%	0%	0%	0%	0%
1984	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-25%	-16%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-12%	-13%	-2%	-11%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-13%	-13%	-10%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-8%	-5%	-8%	-6%	-14%	-22%	0%	0%
1999	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,701	1,467	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	2,069	1,704	1,855	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,265	1,375	1,424	678	586	1,470
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,768	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	826	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,309	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,702	1,466	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	1,964	1,704	1,959	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,209	1,375	1,424	678	586	1,525
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,712	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	874	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,308	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	1	-1	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	-105	0	104	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-56	0	0	0	0	55
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-56	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	48	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-5%	0%	6%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	4%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,606	6,902	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,714	5,745	4,500	9,001	5,669	3,668	2,318	2,542	2,798
1924	Critical	3,244	2,425	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,665	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,806	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	14,276	10,642	11,498	8,827	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,922	21,822	29,258	20,332	22,988	16,670	8,698	3,319	4,389
1939	Dry	3,805	2,915	2,366	2,499	2,821	3,780	4,927	3,818	1,609	1,352	1,499	2,034
1940	Above Normal	2,554	2,163	1,901	3,369	4,004	8,796	10,538	6,069	3,097	1,883	2,084	2,456
1941	Wet	2,868	2,349	3,993	4,493	14,561	13,568	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,267	2,888	3,834	6,846	8,168	8,134	11,477	9,816	8,424	7,140	3,064	3,088
1943	Wet	3,242	3,036	3,211	11,165	9,599	19,912	11,416	6,439	4,958	2,924	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,646	2,474	2,235	2,425	8,951	10,053	8,371	5,900	3,517	3,075	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	12,749	12,419	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,482	4,257	12,946	13,547	16,980	13,491	9,341	4,524	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,101	2,553	1,910	1,607	1,948
1954	Below Normal	2,548	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	7,461	19,102	11,694	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,900	13,962	12,093	6,066	3,079	3,880
1959	Dry	3,111	2,394	2,257	2,365	3,863	3,472	4,926	3,723	1,606	1,270	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,934	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,826	6,344	7,122	10,192	5,396	3,065	2,951	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,325	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,952	14,354	16,075	15,030	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	8,840	24,342	20,192	22,934	26,687	25,760	9,967	4,296	4,061
1970	Above Normal	4,023	2,939	3,574	16,902	8,596	8,542	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	6,330	4,470	8,815	9,275	5,834	6,188	3,401	2,806	2,839
1975	Wet	3,646	3,055	2,560	2,421	6,159	8,913	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,002	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	7,031	8,064	13,787	11,739	10,121	4,353	2,866	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	8,002	9,401	8,133	9,047	2,978	1,745	2,558	2,340
1980	Wet	3,194	2,546	2,220	11,893	19,878	16,644	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	2,953	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,801	28,420	19,362	11,149	8,697	4,735	7,447
1983	Wet	7,311	11,273	20,999	26,497	32,051	48,707	24,261	25,796	28,041	24,415	9,187	7,913
1984	Above Normal	4,918	16,551	23,989	15,333	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	14,549	28,070	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,252	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	555	596	950
1993	Wet	1,399	1,503	1,480	4,802	3,761	3,770	5,505	5,004	7,100	4,329	2,326	2,619
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	906	904	1,230
1995	Wet	1,595	1,669	1,445	3,767	3,427	19,501	14,534	23,017	13,949	19,523	4,726	2,901
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,477	9,677	7,692	5,893	2,581	2,579	2,728
1997	Wet	3,186	3,507	19,751	59,984	22,927	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	21,678	14,508	16,166	15,728	20,601	20,102	5,658	4,857
1999	Above Normal	4,546	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,903	9,361	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,611	6,892	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,525	5,702	4,500	9,001	5,669	3,668	2,317	2,541	2,798
1924	Critical	3,244	2,426	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,778	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,664	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,665	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	13,444	10,383	10,375	8,021	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,812	19,982	27,520	17,099	20,470	15,432	8,698	3,319	4,389
1939	Dry	3,914	2,915	2,366	2,499	2,821	3,780	4,926	3,816	1,607	1,350	1,497	2,034
1940	Above Normal	2,553	2,163	1,901	3,391	4,004	8,796	10,538	6,069	3,098	1,884	2,085	2,456
1941	Wet	2,869	2,349	3,993	4,493	13,244	13,564	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,333	2,888	3,834	6,841	8,007	8,134	11,477	9,816	8,424	7,140	3,064	3,087
1943	Wet	3,242	3,036	3,211	10,428	9,649	18,438	11,416	6,439	4,958	2,923	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,647	2,474	2,235	2,425	7,907	10,053	8,371	5,900	3,516	3,074	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	9,930	11,652	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,344	4,272	12,878	13,020	15,995	12,427	9,341	4,523	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,100	2,552	1,909	1,607	1,948
1954	Below Normal	2,547	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	5,920	15,458	11,439	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,469	13,961	12,091	6,064	3,078	3,934
1959	Dry	3,110	2,394	2,256	2,365	3,863	3,472	4,926	3,724	1,606	1,271	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,933	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,814	6,344	7,122	10,192	5,396	3,065	2,950	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,324	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,326	13,668	15,133	13,198	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	7,227	21,177	18,558	19,482	23,384	24,530	9,760	4,296	4,061
1970	Above Normal	4,055	2,939	3,574	16,896	8,596	8,493	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	5,913	4,470	8,815	9,274	5,834	6,187	3,401	2,806	2,839
1975	Wet	3,645	3,055	2,560	2,421	6,159	8,858	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,000	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	5,278	6,866	12,526	9,603	9,239	4,352	2,865	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	7,875	9,231	8,132	9,045	2,975	1,742	2,555	2,339
1980	Wet	3,193	2,546	2,220	9,749	16,109	15,677	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	3,020	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,644	26,187	16,977	11,149	8,697	4,735	7,447
1983	Wet	7,311	10,253	17,662	25,380	31,990	47,932	24,355	26,124	28,048	24,391	9,187	7,913
1984	Above Normal	4,918	16,431	23,964	15,308	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	11,091	24,743	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,251	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	554	596	950
1993	Wet	1,398	1,503	1,480	4,802	3,760	3,761	5,505	5,004	7,100	4,329	2,325	2,618
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	907	904	1,230
1995	Wet	1,595	1,669	1,445	3,766	3,427	17,805	13,061	20,411	13,723	17,618	4,724	2,900
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,314	9,676	7,691	5,892	2,579	2,578	2,727
1997	Wet	3,186	3,460	17,791	53,498	21,672	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	20,089	13,992	15,164	14,966	17,973	16,540	5,658	4,857
1999	Above Normal	4,609	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,673	9,270	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-142	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,840	-1,738	-3,233	-2,517	-1,239	0	0	0
1939	Dry	109	0	0	0	0	0	0	-2	-2	-2	-2	-1
1940	Above Normal	0	0	0	22	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,317	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-737	50	-1,474	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-138	14	-69	-527	-985	-1,064	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-432	-1	-1	-2	-1	54
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-626	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,165	-1,634	-3,452	-3,303	-1,230	-207	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-55	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,197	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-967	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-1,118	-62	-775	94	328	7	-23	0	0
1984	Above Normal	0	-121	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,696	-1,473	-2,606	-226	-1,905	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,485	-1,255	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,588	-516	-1,002	-762	-2,628	-3,562	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-2%	-10%	-9%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-8%	-6%	-16%	-11%	-7%	0%	0%	0%
1939	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-7%	1%	-7%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-22%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-6%	-8%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-21%	-19%	-2%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	1%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-6%	-12%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-18%	-13%	-8%	-15%	-12%	-5%	-2%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-25%	-15%	-9%	-18%	-9%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-18%	-19%	-6%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-8%	-12%	0%	0%	0%	0%
1983	Wet	0%	-9%	-16%	-4%	0%	-2%	0%	1%	0%	0%	0%	0%
1984	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	-12%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-10%	-11%	-2%	-10%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-10%	-11%	-5%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-7%	-4%	-6%	-5%	-13%	-18%	0%	0%
1999	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Jones Pumping Plant (Node D418)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,199	4,509	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,705	4,239	2,937	1,119	800	3,368	4,581	3,826	4,600
1924	Critical	4,578	4,156	3,520	3,879	2,103	800	941	816	274	800	1,275	2,843
1925	Dry	3,095	1,565	3,841	3,218	2,331	2,831	1,198	954	3,444	4,600	3,937	3,603
1926	Dry	3,789	4,206	3,564	3,219	1,726	1,041	1,226	800	2,104	3,113	2,339	3,784
1927	Wet	3,535	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,051	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,070	2,600	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,325	3,029	3,159	2,407	2,505	2,065	1,414	1,185	1,125	2,662	1,521	2,604
1931	Critical	3,467	3,245	3,200	3,265	3,286	1,122	800	800	414	600	1,274	2,781
1932	Dry	3,008	2,436	4,600	3,415	1,772	1,090	800	800	1,788	800	3,245	4,600
1933	Critical	3,460	3,071	3,204	682	960	1,303	800	800	545	800	4,600	4,071
1934	Critical	2,934	2,589	1,162	473	712	616	800	800	417	600	3,605	2,805
1935	Below Normal	1,897	3,050	4,210	2,831	828	1,499	1,031	800	2,946	3,153	2,001	4,179
1936	Below Normal	4,342	3,857	4,082	1,760	729	2,045	1,190	800	2,813	3,971	2,694	4,600
1937	Below Normal	4,107	3,751	4,251	2,801	1,036	617	1,286	1,096	979	3,258	2,393	4,600
1938	Wet	3,470	4,600	3,904	815	923	1,987	2,537	4,122	4,600	4,600	4,600	4,490
1939	Dry	3,818	800	4,250	3,409	3,888	1,765	862	800	445	4,446	2,307	4,045
1940	Above Normal	3,378	3,750	2,548	2,598	3,311	4,600	1,311	800	2,744	3,887	4,600	4,041
1941	Wet	3,108	2,741	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,576
1942	Wet	3,381	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,700	4,600	4,033	4,600	4,600	4,600	1,422	800	3,471	4,600	4,600	4,600
1944	Dry	3,304	3,950	4,403	3,405	3,680	2,425	1,056	800	1,747	3,715	2,208	3,114
1945	Below Normal	3,433	4,600	3,813	3,431	3,899	4,096	1,041	800	2,067	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,345	842	800	2,721	4,600	4,600	4,249
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,523	4,170
1948	Below Normal	3,766	4,482	3,490	2,030	904	2,529	800	800	2,679	4,266	4,270	4,600
1949	Dry	4,600	4,225	4,281	3,222	3,319	1,930	800	800	1,733	4,600	4,148	4,600
1950	Below Normal	4,264	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,141	1,006	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,202	3,931	4,600	3,889	4,600	1,688	2,115	4,600	4,600	4,600	4,600
1953	Wet	3,341	3,892	4,600	3,176	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,342	4,576	4,522	2,081	2,499	3,446	937	800	2,621	2,999	4,600	4,600
1955	Dry	3,134	4,426	4,600	3,587	3,631	2,451	945	800	598	4,600	2,591	3,738
1956	Wet	3,158	4,188	4,600	4,600	4,056	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,628	4,600	4,291	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,898
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,483	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,731	3,805	4,600	2,193	3,021	3,469	1,218	912	1,664	4,515	4,600	3,616
1960	Dry	3,554	3,425	3,654	3,251	2,231	2,433	800	1,179	1,516	4,050	2,116	4,107
1961	Dry	3,625	4,061	4,600	3,319	2,008	3,299	800	823	371	4,508	3,542	4,600
1962	Below Normal	3,089	3,912	2,983	3,537	3,152	3,822	1,100	800	1,701	4,440	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,442	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,691	3,325
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,210	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,370
1967	Wet	3,992	3,784	3,917	3,747	3,624	4,223	2,114	1,787	4,600	4,600	4,600	4,490
1968	Below Normal	3,951	2,174	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,118	4,600	4,230	4,600	1,990	2,734	3,942	4,600	4,600	4,600	3,823
1970	Wet	4,069	800	4,125	4,600	4,600	3,430	800	800	1,842	3,928	4,600	4,600
1971	Wet	3,279	2,100	3,971	3,325	3,366	3,891	1,057	823	2,648	4,552	4,600	4,351
1972	Below Normal	3,419	2,726	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,071
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,404
1974	Wet	3,098	4,600	4,430	4,349	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,247	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,803	4,600	3,548	4,451	3,191	1,244	800	279	1,575	800	1,565
1977	Critical	2,546	3,664	3,043	2,677	3,729	800	800	800	60	600	4,124	1,353
1978	Above Normal	1,928	1,550	2,813	2,875	4,600	4,600	1,719	1,461	4,404	4,600	4,600	4,558
1979	Below Normal	3,774	2,995	4,578	3,915	4,600	4,600	1,010	1,122	2,765	4,600	4,600	3,503
1980	Above Normal	4,600	3,475	4,600	4,600	3,060	1,713	1,121	998	4,430	4,600	4,600	3,448
1981	Dry	3,239	3,856	4,600	3,421	3,411	2,430	1,319	1,012	1,650	4,600	3,405	3,628
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	2,966	2,414	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,463	2,309	1,991	2,722	3,933	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,505	1,462	1,973	2,765	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,508	4,600	4,279	2,155	4,600	3,773	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,474	800	4,111	3,303	3,349	2,347	800	800	1,630	3,676	1,716	3,105
1988	Critical	4,462	3,695	3,322	2,381	800	800	1,055	800	331	2,900	4,600	1,975
1989	Dry	2,503	3,331	2,820	3,179	1,201	1,208	1,231	800	2,359	3,959	2,744	3,375
1990	Critical	2,758	3,107	3,186	3,096	2,353	1,012	800	848	222	3,168	3,380	1,665
1991	Critical	3,090	3,007	2,641	1,512	1,697	1,295	1,077	819	1,096	2,811	2,431	2,241
1992	Critical	2,870	2,806	2,344	1,558	1,690	2,389	800	800	962	3,221	4,574	814
1993	Above Normal	2,036	3,001	3,620	3,235	4,117	3,921	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,431	4,600	3,202	3,335	2,302	929	976	237	4,527	3,062	3,065
1995	Wet	2,337	3,758	3,622	3,011	3,630	4,600	1,811	4,357	4,600	4,600	4,600	4,600
1996	Wet	2,469	1,866	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	3,009	4,600	4,600	4,600	4,600	3,584	864	800	4,528	4,324	4,600	4,600
1998	Wet	2,909	2,175	4,600	3,013	4,600	4,600	2,015	1,958	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,567
2000	Above Normal	2,671	4,600	3,865	2,262	4,600	4,600	891	800	3,213	2,731	4,600	4,600
2001	Dry	3,084	4,600	4,071	3,460	3,033	2,895	1,026	800	1,616	4,600	2,435	3,189
2002	Dry	4,035	3,350	3,931	2,670	2,607	2,592	836	800	1,675	4,600	4,600	4,172
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,887

Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,200	4,506	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,656	4,228	2,937	1,119	800	3,353	4,581	3,814	4,600
1924	Critical	4,577	4,156	3,520	3,879	2,103	800	941	819	274	800	1,275	2,849
1925	Dry	3,100	1,562	3,840	3,218	2,331	2,829	1,198	954	3,447	4,600	3,939	3,605
1926	Dry	3,790	4,207	3,563	3,219	1,726	1,039	1,226	800	2,099	3,112	2,326	3,783
1927	Wet	3,536	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,050	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,071	2,598	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,029
1930	Dry	3,326	3,030	3,158	2,407	2,505	2,064	1,414	1,185	1,123	2,659	1,522	2,605
1931	Critical	3,467	3,246	3,199	3,265	3,287	1,123	800	800	414	600	1,274	2,782
1932	Dry	3,009	2,433	4,600	3,415	1,764	996	800	800	1,788	800	3,249	4,600
1933	Critical	3,460	3,071	3,283	681	960	1,303	800	800	545	800	4,600	4,073
1934	Critical	2,937	2,590	1,154	473	712	610	800	800	417	600	3,454	2,805
1935	Below Normal	1,899	3,055	4,210	2,959	826	1,499	1,031	800	2,946	3,153	2,002	4,181
1936	Below Normal	4,344	3,858	4,042	1,795	897	2,151	1,190	800	2,813	3,969	2,694	4,600
1937	Below Normal	4,108	3,752	4,249	2,796	1,036	1,697	1,285	995	925	3,252	2,393	4,600
1938	Wet	3,469	4,600	4,600	1,031	922	2,968	2,132	2,552	4,600	4,600	4,600	4,490
1939	Dry	3,868	981	4,353	3,409	3,881	1,765	800	800	444	4,519	2,267	3,898
1940	Above Normal	3,500	3,749	2,500	2,604	3,311	4,600	1,311	800	2,744	3,878	4,600	4,160
1941	Wet	3,111	2,929	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,575
1942	Wet	3,450	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,699	4,600	4,033	4,600	4,600	4,600	1,422	800	3,902	4,600	4,600	4,600
1944	Dry	3,201	3,885	4,403	3,405	3,680	2,425	1,056	800	1,868	3,638	2,214	3,121
1945	Below Normal	3,435	4,600	3,813	3,431	3,629	4,600	1,041	800	2,066	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,466	842	800	2,589	4,600	4,600	4,377
1947	Dry	4,600	4,600	4,600	3,931	3,519	1,333	900	800	1,687	4,600	2,604	4,165
1948	Below Normal	3,765	4,482	3,491	2,030	903	2,529	800	800	2,679	4,262	4,271	4,600
1949	Dry	4,600	4,225	4,258	3,222	3,319	1,930	800	800	1,733	4,600	4,147	4,600
1950	Below Normal	4,265	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,136	1,381	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,205	3,931	4,600	3,893	4,600	1,622	1,992	4,600	4,600	4,600	4,600
1953	Wet	3,339	4,600	4,600	2,724	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,311	4,510	4,520	2,081	2,499	3,446	937	800	2,621	2,989	4,600	4,600
1955	Dry	3,111	4,464	4,600	3,587	3,653	2,451	945	800	598	4,600	2,552	3,736
1956	Wet	3,164	4,189	4,600	4,600	4,576	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,627	4,600	4,292	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,899
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,429	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,747	4,600	4,600	2,193	3,021	3,467	1,218	912	1,664	4,510	4,600	3,683
1960	Dry	3,555	3,401	3,652	3,251	2,231	2,433	800	1,179	1,516	4,050	2,109	4,102
1961	Dry	3,613	4,062	4,600	3,319	2,008	3,299	800	823	370	4,508	3,538	4,600
1962	Below Normal	3,094	3,914	2,981	3,537	3,152	3,822	1,100	800	1,701	4,442	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,433	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,690	3,327
1965	Wet	2,915	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,211	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,366
1967	Wet	3,993	3,784	3,917	3,747	3,624	4,223	2,036	1,702	4,600	4,600	4,600	4,600
1968	Below Normal	3,949	4,152	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,117	4,600	3,813	4,600	2,688	2,429	4,237	4,600	4,600	4,600	4,054
1970	Wet	4,041	800	4,125	4,600	4,600	3,272	800	800	1,842	3,931	4,600	4,600
1971	Wet	3,278	2,070	3,971	3,325	3,366	3,891	1,057	823	2,648	4,541	4,600	4,350
1972	Below Normal	3,420	2,731	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,073
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,770
1974	Wet	3,098	4,600	4,430	4,241	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,246	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,820	4,600	3,549	4,452	3,191	1,244	800	279	1,563	800	1,563
1977	Critical	2,561	3,663	3,042	2,680	3,723	800	800	800	60	600	4,059	1,352
1978	Above Normal	1,954	1,551	2,808	2,875	4,283	4,464	1,561	1,194	4,204	4,600	4,600	4,600
1979	Below Normal	3,794	4,600	4,600	3,919	4,600	4,600	1,010	1,122	2,755	4,415	4,600	3,502
1980	Above Normal	4,600	4,002	4,600	3,980	1,077	1,716	1,121	998	4,430	4,600	4,600	4,191
1981	Dry	3,273	3,818	4,600	3,422	3,411	2,430	1,319	1,012	1,650	4,600	3,355	3,615
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	3,298	2,116	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,600	3,709	3,391	4,122	4,159	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,568	2,862	2,268	2,785	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,509	4,600	4,279	2,155	4,600	4,080	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,472	922	4,108	3,303	3,349	2,347	800	800	1,578	3,742	1,896	3,099
1988	Critical	4,460	3,695	3,322	2,381	800	800	1,055	800	331	2,896	4,600	1,975
1989	Dry	2,507	3,326	2,821	3,179	1,200	1,208	1,231	800	2,359	3,958	2,757	3,297
1990	Critical	2,758	3,108	3,181	3,096	2,352	1,012	800	848	222	3,167	2,354	2,708
1991	Critical	3,039	3,003	2,652	1,508	1,697	1,295	1,077	819	1,099	2,813	2,463	2,241
1992	Critical	2,864	2,837	2,340	1,531	1,690	2,389	800	800	1,473	2,682	4,566	802
1993	Above Normal	2,032	3,002	3,620	3,235	4,117	3,919	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,412	4,600	3,202	3,335	2,302	929	976	237	4,528	3,060	3,069
1995	Wet	2,339	3,759	3,623	3,011	3,630	4,600	1,627	2,543	4,600	4,600	4,600	4,600
1996	Wet	2,467	4,350	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	2,898	4,600	4,600	4,600	4,600	3,634	864	800	4,528	4,218	4,600	4,600
1998	Wet	2,917	2,167	4,600	3,013	4,600	4,600	1,889	1,862	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,568
2000	Above Normal	2,676	4,600	3,869	2,262	4,600	4,600	891	800	3,213	2,734	4,600	4,600
2001	Dry	3,081	4,600	4,118	3,460	3,033	2,895	1,026	800	1,616	4,600	2,400	3,189
2002	Dry	4,035	3,351	3,931	2,670	2,606	2,592	836	800	1,675	4,600	4,600	4,158
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,883

Change in Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	0	0	-49	-11	0	0	0	-15	0	-11	0
1924	Critical	0	0	0	0	0	0	0	2	0	0	0	5
1925	Dry	5	-3	-1	0	0	-2	0	0	3	0	2	2
1926	Dry	1	1	-2	0	0	-1	0	0	-5	0	-14	-2
1927	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	1	-1	0	0	0	0	0	0	0	-1	0	0
1929	Critical	0	-2	0	0	0	0	0	0	0	0	0	1
1930	Dry	1	1	-1	0	0	-2	0	0	-2	-2	1	0
1931	Critical	0	1	-1	0	1	1	0	0	0	0	0	1
1932	Dry	1	-4	0	0	-9	-94	0	0	0	0	4	0
1933	Critical	0	0	80	0	-1	0	0	0	0	0	0	2
1934	Critical	3	1	-8	0	0	-6	0	0	0	0	-151	0
1935	Below Normal	2	5	0	129	-2	0	0	0	0	0	1	1
1936	Below Normal	1	2	-40	35	168	105	0	0	0	-1	0	0
1937	Below Normal	1	1	-2	-5	0	1,079	-1	-101	-54	-6	0	0
1938	Wet	-1	0	696	216	-1	981	-404	-1,570	0	0	0	0
1939	Dry	50	181	103	0	-6	0	-62	0	-1	73	-40	-147
1940	Above Normal	122	0	-48	6	0	0	0	0	0	-9	0	119
1941	Wet	2	188	0	0	0	0	0	0	0	0	0	-1
1942	Wet	68	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	431	0	0	0
1944	Dry	-104	-65	1	0	0	0	0	0	121	-77	5	7
1945	Below Normal	1	0	0	0	-270	504	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	122	0	0	-132	0	0	128
1947	Dry	0	0	0	1	0	0	0	0	0	0	81	-5
1948	Below Normal	-1	0	1	0	-1	0	0	0	0	-4	1	0
1949	Dry	0	0	-23	0	0	0	0	0	0	0	-1	0
1950	Below Normal	1	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	-5	375	0	0	0	0	-1	0	0
1952	Wet	0	2	0	0	4	0	-66	-123	0	0	0	0
1953	Wet	-2	708	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-66	-1	0	0	0	0	0	0	-10	0	0
1955	Dry	-23	37	0	0	23	0	0	0	0	0	-39	-2
1956	Wet	6	1	0	0	520	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-54	0	0	0	0	0
1959	Below Normal	15	795	0	0	0	-2	0	0	0	-5	0	66
1960	Dry	1	-24	-2	0	0	0	0	0	0	0	-7	-4
1961	Dry	-11	1	0	0	0	0	0	0	0	0	-4	0
1962	Below Normal	5	2	-2	0	0	0	0	0	0	2	0	0
1963	Wet	0	0	0	0	0	0	0	0	-9	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-1	1
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-4
1967	Wet	0	0	0	0	0	0	-78	-86	0	0	0	110
1968	Below Normal	-2	1,977	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	-2	0	-417	0	698	-305	294	0	0	0	231
1970	Wet	-28	0	0	0	0	-158	0	0	0	3	0	0
1971	Wet	-2	-29	0	0	0	0	0	0	0	-10	0	-1
1972	Below Normal	0	5	0	0	0	0	0	0	0	0	0	2
1973	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	367
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	17	0	0	0	0	0	0	0	-12	0	-1
1977	Critical	15	-1	-1	2	-6	0	0	0	0	0	-65	-1
1978	Above Normal	26	1	-4	0	-317	-136	-158	-267	-200	0	0	42
1979	Below Normal	20	1,605	22	4	0	0	0	0	-10	-185	0	-2
1980	Above Normal	0	528	0	-620	-1,984	2	0	0	0	0	0	743
1981	Dry	35	-38	0	0	0	0	0	0	0	0	-50	-13
1982	Wet	0	0	0	0	0	0	331	-298	0	0	0	0
1983	Wet	0	0	0	137	1,400	1,400	1,400	226	0	0	0	0
1984	Wet	0	63	1,400	295	20	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	307	0	0	0	0	0	0
1987	Dry	-2	122	-3	0	0	0	0	0	-53	66	180	-6
1988	Critical	-2	0	0	0	0	0	0	0	0	-4	0	0
1989	Dry	4	-5	1	0	0	0	0	0	0	-1	13	-78
1990	Critical	0	1	-5	0	-1	0	0	0	0	0	-1,026	1,043
1991	Critical	-51	-4	11	-4	0	0	0	0	2	2	32	0
1992	Critical	-6	31	-3	-27	0	0	0	0	511	-539	-8	-12
1993	Above Normal	-4	2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-19	0	0	0	0	0	0	0	0	-2	4
1995	Wet	2	1	1	0	0	0	-184	-1,814	0	0	0	0
1996	Wet	-2	2,484	0	0	0	0	0	0	0	0	0	0
1997	Wet	-110	0	0	0	0	50	0	0	0	-106	0	0
1998	Wet	7	-7	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	1
2000	Above Normal	4	0	3	0	0	0	0	0	0	3	0	0
2001	Dry	-3	0	46	0	0	0	0	0	0	0	-34	1
2002	Dry	0	1	0	0	-1	0	0	0	0	0	0	-13
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-3

Percent Change in Simulated Exports Through Jones Pumping Plant (Node D418)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	-1%	-9%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	-4%	0%
1935	Below Normal	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	-1%	2%	23%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	175%	0%	-9%	-6%	0%	0%	0%
1938	Wet	0%	0%	18%	27%	0%	49%	-16%	-38%	0%	0%	0%	0%
1939	Dry	1%	23%	2%	0%	0%	0%	-7%	0%	0%	2%	-2%	-4%
1940	Above Normal	4%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1941	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%
1944	Dry	-3%	-2%	0%	0%	0%	0%	0%	0%	7%	-2%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	-5%	0%	0%	3%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%
1953	Wet	0%	18%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-2%	0%
1956	Wet	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	0%	0%	0%	2%
1968	Below Normal	0%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	0%	35%	-11%	7%	0%	0%	0%	6%
1970	Wet	-1%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1978	Above Normal	1%	0%	0%	0%	-7%	-3%	-9%	-18%	-5%	0%	0%	1%
1979	Below Normal	1%	54%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1980	Above Normal	0%	15%	0%	-13%	-65%	0%	0%	0%	0%	0%	0%	22%
1981	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	11%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	3%	61%	70%	51%	6%	0%	0%	0%	0%
1984	Wet	0%	2%	96%	15%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	15%	0%	0%	0%	0%	0%	0%	-3%	2%	11%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-30%	63%
1991	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	53%	-17%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-10%	-42%	0%	0%	0%	0%
1996	Wet	0%	133%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-4%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Banks Pumping Plant (Node D419)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,199	4,509	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,424	4,284	3,705	4,239	2,902	1,119	700	2,386	7,005	7,180	6,680
1924	Critical	3,967	2,377	2,619	2,643	2,103	300	300	489	274	4,825	300	517
1925	Dry	2,397	2,988	3,841	3,218	2,331	4,056	1,198	954	1,712	7,180	4,753	6,680
1926	Dry	2,744	2,428	2,875	3,219	1,726	300	1,226	862	2,630	6,915	3,703	4,213
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,645
1928	Above Normal	3,155	3,634	7,117	3,460	2,170	3,947	1,110	700	2,558	6,615	6,748	6,680
1929	Critical	3,527	2,568	4,914	3,295	3,282	2,885	1,690	300	300	300	719	729
1930	Dry	1,057	1,188	3,159	2,407	2,505	2,997	1,414	1,185	2,107	6,915	4,564	6,680
1931	Critical	1,621	1,565	1,434	3,265	2,314	963	300	300	300	3,025	300	396
1932	Dry	930	1,732	7,170	3,415	6,430	3,973	741	700	1,788	4,418	4,910	2,770
1933	Critical	1,983	1,702	3,343	5,896	5,565	1,710	879	700	300	3,061	1,215	766
1934	Critical	992	1,531	4,639	5,942	4,404	1,712	300	704	300	503	323	510
1935	Below Normal	2,275	3,050	4,029	4,061	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,632	3,298	4,082	2,572	8,437	7,205	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,398	2,664	6,699	4,508	8,103	6,111	1,578	1,096	4,912	7,005	7,180	4,107
1938	Wet	3,822	6,680	5,731	7,401	8,500	7,561	2,537	6,177	6,680	7,005	7,180	6,382
1939	Dry	3,818	1,759	7,112	3,409	2,997	1,765	968	1,075	300	6,829	4,657	4,460
1940	Above Normal	1,217	948	3,495	2,598	3,311	5,359	1,311	701	2,744	6,525	6,680	6,680
1941	Wet	3,108	2,169	4,191	3,969	8,500	7,561	1,599	1,350	4,002	7,005	7,180	6,056
1942	Wet	3,381	1,453	4,235	4,639	5,107	4,955	1,430	1,220	3,981	7,005	7,180	6,113
1943	Wet	3,700	2,237	4,033	5,165	5,980	7,561	1,422	795	2,897	6,664	7,180	6,369
1944	Dry	3,304	1,335	7,124	3,405	3,680	2,425	1,056	700	1,988	6,915	4,993	2,443
1945	Below Normal	2,053	6,680	3,813	3,431	3,899	6,693	1,041	700	2,067	6,901	7,180	6,680
1946	Below Normal	6,092	6,680	5,535	4,043	3,091	4,084	842	700	1,377	6,823	6,893	6,680
1947	Dry	5,478	4,012	4,681	3,026	3,519	1,333	900	700	1,687	6,929	5,006	6,930
1948	Below Normal	4,096	3,543	2,421	2,030	384	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,549	2,627	4,281	3,222	3,319	1,930	700	700	1,733	6,915	4,859	7,020
1950	Below Normal	984	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,678	7,129	6,709	6,659	962	700	2,694	5,993	6,680	6,555
1952	Wet	3,407	4,968	3,931	4,751	3,889	7,561	1,688	2,115	5,886	6,680	7,180	6,680
1953	Wet	3,341	1,882	7,119	3,176	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,342	918	4,213	2,081	2,499	3,446	937	700	2,621	6,220	7,030	6,680
1955	Dry	3,134	3,882	7,042	3,587	3,068	2,346	945	700	300	6,929	4,341	3,082
1956	Wet	1,920	3,942	5,985	8,500	6,753	6,792	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,628	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,507	3,526	3,699	2,556	4,080	7,126	2,483	1,739	5,219	7,005	7,180	6,680
1959	Below Normal	3,731	2,417	7,093	2,193	3,021	3,520	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,430	2,210	1,979	3,251	2,231	2,433	561	1,179	1,516	6,915	6,155	6,930
1961	Dry	1,348	4,061	7,005	3,319	2,008	3,299	877	823	61	7,077	2,944	2,840
1962	Below Normal	333	2,697	2,983	2,579	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,019	7,005	7,180	6,680
1964	Dry	3,508	5,407	5,178	3,387	2,702	2,166	802	700	300	6,915	3,954	6,930
1965	Wet	2,670	3,165	4,009	5,253	4,388	4,555	1,268	700	2,855	7,005	7,180	6,532
1966	Below Normal	3,210	5,417	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,785	3,784	3,917	3,747	3,624	4,223	2,114	1,787	6,680	6,970	7,180	6,680
1968	Below Normal	3,951	2,342	7,059	3,412	2,271	3,473	1,176	965	1,661	6,789	6,930	6,930
1969	Wet	3,411	4,118	7,061	4,230	7,397	4,465	4,893	5,754	6,680	6,680	6,680	6,257
1970	Wet	4,069	2,359	4,125	8,500	5,361	6,373	797	700	1,842	7,115	7,030	4,671
1971	Wet	3,279	6,506	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,419	393	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,956	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,349	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,247	2,504	7,148	3,378	3,152	5,586	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,654	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,362	6,881
1977	Critical	2,171	1,475	1,166	1,692	803	309	300	598	60	499	300	1,403
1978	Above Normal	300	1,958	2,813	2,875	4,872	4,948	1,719	1,461	4,404	7,005	7,180	6,680
1979	Below Normal	3,774	3,048	6,913	3,915	5,221	4,809	1,010	1,122	2,765	7,005	7,180	6,680
1980	Above Normal	5,665	3,475	7,086	4,960	4,665	4,630	1,121	998	4,430	7,005	7,180	6,680
1981	Dry	3,620	2,084	7,087	3,421	3,411	2,430	1,319	1,012	1,650	6,929	6,280	5,489
1982	Wet	2,801	6,680	3,688	3,763	7,945	7,561	6,125	2,414	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	3,812	3,716	3,865	4,375	4,356	6,680	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,532	6,616	6,659	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,919	6,779
1986	Wet	4,244	5,422	4,279	2,155	7,985	5,003	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	616	1,772	1,630	1,481	876	2,201
1988	Critical	361	883	3,322	2,381	867	1,661	1,055	936	300	4,186	312	1,176
1989	Dry	300	3,331	2,820	3,179	1,111	1,208	1,231	925	2,359	6,915	4,401	7,160
1990	Critical	4,037	2,395	4,686	3,096	2,316	1,012	300	848	222	6,758	550	1,788
1991	Critical	300	795	987	641	1,404	1,295	1,077	819	2,065	5,759	358	608
1992	Critical	944	300	1,713	1,122	1,690	2,389	700	700	1,983	920	300	2,106
1993	Above Normal	300	516	3,620	3,235	4,117	3,921	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	968	6,551	3,202	3,335	2,302	929	976	237	6,977	3,991	3,222
1995	Wet	623	2,147	3,622	3,011	3,630	7,561	1,811	6,177	5,997	6,680	7,180	6,680
1996	Wet	2,469	1,401	3,703	2,835	7,720	6,570	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,974	1,762	7,678	8,500	8,500	7,202	864	784	1,630	6,071	7,030	6,680
1998	Wet	2,909	2,433	7,063	3,013	8,500	7,561	2,015	1,958	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,567
2000	Above Normal	2,609	631	7,004	2,262	5,400	5,654	891	700	2,681	6,489	7,030	6,680
2001	Dry	3,084	1,174	7,088	3,460	3,033	2,895	1,026	715	1,616	4,898	606	3,277
2002	Dry	300	3,350	3,931	2,670	3,937	2,592	836	700	1,675	6,929	2,738	6,143
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,959	7,180	6,680

Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,200	4,506	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,428	4,284	3,656	4,228	2,902	1,119	700	2,401	7,005	7,180	6,680
1924	Critical	3,955	2,377	2,619	2,643	2,103	300	300	479	274	4,827	300	512
1925	Dry	2,392	2,985	3,840	3,218	2,331	4,058	1,198	954	1,709	7,180	4,759	6,680
1926	Dry	2,746	2,430	2,874	3,219	1,726	300	1,226	862	2,635	6,915	3,715	4,188
1927	Wet	1,522	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,644
1928	Above Normal	3,154	3,633	7,117	3,460	2,170	3,947	1,110	700	2,558	6,614	6,748	6,680
1929	Critical	3,526	2,566	4,911	3,295	3,282	2,885	1,690	300	300	300	719	728
1930	Dry	1,056	1,187	3,158	2,407	2,505	2,998	1,414	1,185	2,109	6,915	4,563	6,680
1931	Critical	1,621	1,564	1,433	3,265	2,314	962	300	300	300	3,016	300	395
1932	Dry	928	1,731	7,170	3,415	6,437	4,059	741	700	1,788	4,417	4,911	2,770
1933	Critical	1,982	1,702	3,257	5,897	5,565	1,710	879	700	300	3,050	1,212	764
1934	Critical	991	1,530	4,642	5,943	4,404	1,711	300	705	300	501	323	510
1935	Below Normal	2,272	3,055	4,026	3,932	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,587	3,296	4,042	2,537	8,437	7,099	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,396	2,663	6,703	4,513	8,102	6,111	1,298	995	4,966	7,005	7,180	4,106
1938	Wet	3,742	6,680	5,035	7,128	8,500	7,561	2,132	2,552	6,575	7,005	7,180	6,381
1939	Dry	3,868	1,756	7,112	3,409	2,999	1,765	1,638	1,074	300	6,829	4,566	3,950
1940	Above Normal	1,314	945	3,494	2,604	3,311	5,359	1,311	701	2,744	6,522	6,680	6,680
1941	Wet	3,111	2,207	4,191	3,969	8,347	7,561	1,599	1,350	4,002	7,005	7,180	6,055
1942	Wet	3,450	1,741	4,235	4,636	5,024	4,955	1,430	1,220	3,981	7,005	7,180	6,112
1943	Wet	3,699	2,209	4,033	4,784	6,006	7,561	1,422	795	2,466	6,829	7,180	6,329
1944	Dry	3,201	1,536	7,124	3,405	3,680	2,425	1,056	700	1,868	6,915	5,056	2,448
1945	Below Normal	2,051	6,680	3,813	3,431	3,629	6,189	1,041	700	2,066	6,901	7,180	6,680
1946	Below Normal	6,074	6,680	5,535	4,043	3,091	3,962	842	700	1,509	6,823	6,893	6,680
1947	Dry	5,424	4,012	4,684	3,026	3,519	1,333	900	700	1,687	6,929	4,980	6,930
1948	Below Normal	4,007	3,543	2,423	2,030	407	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,551	2,611	4,258	3,222	3,319	1,930	700	700	1,733	6,915	4,851	7,020
1950	Below Normal	983	1,767	2,193	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,043	7,758	6,706	6,659	962	700	2,694	5,992	6,680	6,592
1952	Wet	3,407	4,967	3,931	4,679	3,893	7,561	1,622	1,992	5,403	6,680	7,180	6,680
1953	Wet	3,339	3,098	7,119	2,724	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,311	909	4,506	2,081	2,499	3,446	937	700	2,621	6,219	7,030	6,680
1955	Dry	3,111	3,869	7,042	3,587	3,058	2,346	945	700	300	6,929	4,376	3,353
1956	Wet	1,627	3,940	5,188	8,500	6,841	6,864	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,627	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,505	3,523	3,699	2,556	4,080	7,126	2,429	1,739	5,218	7,005	7,180	6,680
1959	Below Normal	3,747	3,103	7,093	2,193	3,021	3,518	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,451	2,210	1,980	3,251	2,231	2,433	563	1,179	1,516	6,915	6,163	6,930
1961	Dry	1,345	4,062	7,005	3,319	2,008	3,299	877	823	62	7,077	2,938	2,839
1962	Below Normal	332	2,695	2,981	2,578	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,028	7,005	7,180	6,680
1964	Dry	3,509	5,399	5,177	3,387	2,702	2,165	802	700	300	6,915	3,956	6,930
1965	Wet	2,664	3,165	4,009	5,247	4,388	4,555	1,268	700	2,855	7,005	7,180	6,534
1966	Below Normal	3,211	5,340	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,784	3,784	3,917	3,747	3,624	4,223	2,036	1,702	6,565	6,970	7,180	6,680
1968	Below Normal	3,949	2,157	7,059	3,412	2,271	3,473	1,176	965	1,661	6,788	6,930	6,930
1969	Wet	3,422	4,117	7,061	3,813	8,381	4,464	2,429	6,177	6,680	7,005	7,180	6,334
1970	Wet	4,041	2,289	4,125	8,500	5,361	6,505	797	700	1,842	7,115	7,030	4,929
1971	Wet	3,278	6,504	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,624
1972	Below Normal	3,420	396	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,957	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,241	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,246	2,389	7,148	3,378	3,152	5,558	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,743	1,663	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,371	6,881
1977	Critical	2,157	1,474	1,166	1,689	802	309	300	596	60	498	300	1,404
1978	Above Normal	300	1,956	2,808	2,875	4,283	4,464	1,561	1,194	4,204	7,005	7,180	6,680
1979	Below Normal	3,794	4,165	5,766	3,919	5,155	4,722	1,010	1,122	2,774	7,005	7,180	6,680
1980	Above Normal	5,290	4,002	7,086	4,472	4,823	4,647	1,121	998	4,430	7,005	7,180	5,543
1981	Dry	3,597	2,105	7,087	3,422	3,411	2,430	1,319	1,012	1,650	6,929	6,454	5,592
1982	Wet	2,856	6,680	3,688	3,763	7,945	7,561	6,125	2,116	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	6,097	3,812	3,629	4,069	3,751	6,190	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,233	6,308	6,581	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,918	6,779
1986	Wet	4,244	5,422	4,279	2,155	6,197	6,103	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	617	1,772	1,683	1,476	889	2,198
1988	Critical	363	883	3,322	2,381	867	1,662	1,055	936	300	4,130	312	1,176
1989	Dry	300	3,326	2,821	3,179	1,111	1,208	1,231	925	2,359	6,915	4,324	7,160
1990	Critical	4,048	2,394	4,684	3,096	2,315	1,012	300	848	222	6,758	550	1,812
1991	Critical	300	799	981	624	1,404	1,295	1,077	819	2,062	5,767	358	607
1992	Critical	938	300	1,710	1,099	1,690	2,389	700	700	1,473	1,404	300	2,102
1993	Above Normal	300	515	3,620	3,235	4,117	3,919	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	957	6,613	3,202	3,335	2,302	929	976	237	6,977	3,974	3,222
1995	Wet	618	2,143	3,623	3,011	3,630	7,561	1,627	2,543	5,895	6,680	7,180	6,680
1996	Wet	2,467	1,279	3,703	2,835	7,720	6,485	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,898	1,725	7,678	8,500	8,500	7,151	864	784	1,573	6,106	7,030	6,680
1998	Wet	2,917	2,424	7,063	3,013	8,500	7,561	1,889	1,862	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,568
2000	Above Normal	2,613	638	7,004	2,262	5,281	5,607	891	700	2,680	6,490	7,030	6,680
2001	Dry	3,081	1,173	6,996	3,460	3,033	2,895	1,026	715	1,616	4,981	606	3,276
2002	Dry	300	3,351	3,931	2,670	3,936	2,592	836	700	1,675	6,929	2,699	6,223
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,960	7,180	6,680

Change in Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	5	0	-49	-11	0	0	0	15	0	0	0
1924	Critical	-12	0	0	0	0	0	0	-10	0	1	0	-5
1925	Dry	-5	-3	-1	0	0	2	0	0	-3	0	5	0
1926	Dry	2	2	-1	0	0	0	0	0	5	0	12	-25
1927	Wet	-1	0	0	0	0	0	0	0	0	0	0	-1
1928	Above Normal	-1	-1	0	0	0	0	0	0	0	-1	0	0
1929	Critical	0	-2	-2	0	0	0	0	0	0	0	0	-1
1930	Dry	-1	-1	-1	0	0	2	0	0	2	0	-1	0
1931	Critical	0	-1	-1	0	-1	-1	0	0	0	-9	0	-1
1932	Dry	-1	-1	0	0	7	86	0	0	0	-1	0	0
1933	Critical	0	0	-86	0	1	0	0	0	0	-12	-3	-2
1934	Critical	-1	-1	3	0	0	-1	0	1	0	-1	0	0
1935	Below Normal	-3	5	-3	-129	0	0	0	0	0	0	0	0
1936	Below Normal	-45	-2	-40	-35	0	-105	0	0	0	0	0	0
1937	Below Normal	-2	-1	5	5	-1	0	-280	-101	54	0	0	-1
1938	Wet	-80	0	-696	-273	0	0	-404	-3,625	-105	0	0	-1
1939	Dry	50	-3	0	0	2	0	671	-1	0	0	-91	-510
1940	Above Normal	96	-3	-1	6	0	0	0	0	0	-3	0	0
1941	Wet	2	38	0	0	-153	0	0	0	0	0	0	-1
1942	Wet	68	288	0	-3	-83	0	0	0	0	0	0	0
1943	Wet	0	-28	0	-381	26	0	0	0	-431	164	0	-40
1944	Dry	-104	201	0	0	0	0	0	0	-120	0	63	5
1945	Below Normal	-1	0	0	0	-270	-504	0	0	0	0	0	0
1946	Below Normal	-18	0	0	0	0	-122	0	0	132	0	0	0
1947	Dry	-54	0	3	-1	0	0	0	0	0	0	-26	0
1948	Below Normal	-89	0	2	0	23	0	0	0	0	0	0	0
1949	Dry	2	-15	-23	0	0	0	0	0	0	0	-8	0
1950	Below Normal	-1	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-635	629	-3	1	0	0	0	0	0	36
1952	Wet	0	-1	0	-71	4	0	-66	-123	-483	0	0	0
1953	Wet	-2	1,215	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-9	293	0	0	0	0	0	0	-2	0	0
1955	Dry	-23	-13	0	0	-10	0	0	0	0	0	36	270
1956	Wet	-293	-1	-796	0	88	72	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-2	-3	0	0	0	0	-54	0	-1	0	0	0
1959	Below Normal	15	686	0	0	0	-2	0	0	0	0	0	0
1960	Dry	21	0	0	0	0	0	2	0	0	0	8	0
1961	Dry	-3	1	0	0	0	0	0	0	0	0	-6	-1
1962	Below Normal	-1	-2	-2	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	9	0	0	0
1964	Dry	0	-8	-1	0	0	0	0	0	0	0	2	0
1965	Wet	-6	0	0	-6	0	0	0	0	0	0	0	2
1966	Below Normal	1	-77	0	0	0	0	0	0	0	0	0	0
1967	Wet	-1	0	0	0	0	0	-78	-86	-115	0	0	0
1968	Below Normal	-2	-185	0	0	0	0	0	0	0	0	0	0
1969	Wet	11	-2	0	-417	983	-2	-2,463	423	0	325	500	77
1970	Wet	-28	-70	0	0	0	132	0	0	0	0	0	258
1971	Wet	-2	-2	0	0	0	0	0	0	0	0	0	1
1972	Below Normal	0	3	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	1
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	-1	-115	0	0	0	-28	0	0	0	0	0	0
1976	Critical	-1	9	0	0	0	0	0	0	0	0	10	0
1977	Critical	-14	-1	0	-2	-1	0	0	-2	0	-1	0	1
1978	Above Normal	0	-1	-4	0	-589	-483	-158	-267	-200	0	0	0
1979	Below Normal	20	1,117	-1,146	4	-66	-88	0	0	9	0	0	0
1980	Above Normal	-375	528	0	-489	157	17	0	0	0	0	0	-1,137
1981	Dry	-23	21	0	0	0	0	0	0	0	0	174	103
1982	Wet	55	0	0	0	0	0	0	-298	0	0	0	0
1983	Wet	0	0	0	2,285	96	-237	-306	-605	-490	0	0	0
1984	Wet	0	0	0	-299	-308	-78	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-1,788	1,100	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	1	0	53	-5	13	-3
1988	Critical	2	0	0	0	0	0	0	0	0	-56	0	0
1989	Dry	0	-5	1	0	-1	0	0	0	0	0	-77	0
1990	Critical	10	-1	-1	0	0	0	0	0	0	0	0	24
1991	Critical	0	4	-7	-17	0	0	0	0	-2	7	0	-1
1992	Critical	-6	0	-3	-22	0	0	0	0	-511	484	0	-4
1993	Above Normal	0	-2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-11	62	0	0	0	0	0	0	0	-17	0
1995	Wet	-5	-3	1	0	0	0	-184	-3,634	-103	0	0	0
1996	Wet	-2	-122	0	0	0	-84	0	0	0	0	0	0
1997	Wet	-76	-37	0	0	0	-50	0	0	-57	35	0	0
1998	Wet	7	-10	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	1
2000	Above Normal	4	7	0	0	-119	-47	0	0	0	0	0	0
2001	Dry	-3	-2	-92	0	0	0	0	0	0	83	0	0
2002	Dry	0	1	0	0	-1	0	0	0	0	0	-39	79
2003	Above Normal	0	0	0	0	0	0	0	0	0	1	0	0

Percent Change in Simulated Exports Through Banks Pumping Plant (Node D419)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-1%	0%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-18%	-9%	1%	0%	0%	0%
1938	Wet	-2%	0%	-12%	-4%	0%	0%	-16%	-59%	-2%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	-2%	-11%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	20%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	-7%	0%	0%	0%	0%	-15%	2%	0%	-1%
1944	Dry	-3%	15%	0%	0%	0%	0%	0%	0%	-6%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	10%	0%	0%	0%
1947	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-2%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-8%	9%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	-1%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Wet	0%	65%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	9%
1956	Wet	-15%	0%	-13%	0%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-2%	0%	0%	0%
1968	Below Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	13%	0%	-50%	7%	0%	5%	7%	1%
1970	Wet	-1%	-3%	0%	0%	0%	2%	0%	0%	0%	0%	0%	6%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-5%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-12%	-10%	-9%	-18%	-5%	0%	0%	0%
1979	Below Normal	1%	37%	-17%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	15%	0%	-10%	3%	0%	0%	0%	0%	0%	0%	-17%
1981	Dry	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	3%	-6%	-7%	-14%	-7%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-1%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-22%	22%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	1%	0%
1988	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1991	Critical	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	0%	0%	-2%	0%	0%	0%	0%	-26%	53%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1996	Wet	0%	-9%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-3%	-2%	0%	0%	0%	-1%	0%	0%	-3%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	1%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Delta Outflow (Node C406)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,238	12,796	38,493	27,421	29,791	56,030	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,287	28,876	15,652	9,649	28,865	17,891	6,918	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,289	9,613	6,604	4,000	4,000	4,064	4,702	3,000
1925	Dry	3,000	4,499	8,069	8,413	70,480	13,334	29,946	17,167	5,556	5,000	4,541	3,917
1926	Dry	4,000	4,500	4,500	14,261	44,642	12,758	27,640	9,923	5,469	5,083	3,762	3,000
1927	Wet	4,000	14,276	14,559	32,187	123,455	41,498	54,127	27,010	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,871	20,990	22,916	81,797	28,751	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,798	12,284	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,645	18,850	16,248	30,227	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,418	8,326	7,656	7,817	4,999	4,000	4,000	4,120	3,000
1932	Dry	3,000	3,500	14,358	17,218	14,908	10,392	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,837	7,724	13,495	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,486	3,500	11,203	14,681	14,299	10,625	9,673	7,031	7,100	4,000	3,282	3,000
1935	Below Normal	3,000	6,795	3,837	29,115	10,276	27,341	55,231	20,843	8,041	6,500	4,000	3,915
1936	Below Normal	4,000	4,500	4,500	40,926	78,111	32,407	28,636	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,258	46,178	49,537	29,620	18,978	11,040	6,500	4,000	3,000
1938	Wet	4,000	16,989	65,217	28,405	138,199	166,841	78,939	67,966	37,736	8,000	4,000	20,625
1939	Dry	7,500	13,789	4,965	7,080	8,210	10,237	9,673	9,318	5,731	5,055	3,717	3,000
1940	Above Normal	4,844	4,500	4,500	34,522	65,731	109,337	73,361	18,160	6,166	10,075	4,000	11,563
1941	Wet	5,938	10,625	36,219	97,169	116,505	89,315	79,272	47,732	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,733	78,171	136,462	23,909	56,688	40,551	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,961	77,267	54,820	86,119	34,707	19,203	7,461	10,589	4,000	19,375
1944	Dry	7,500	12,549	5,129	11,670	23,546	18,822	12,771	9,909	6,717	5,000	3,764	3,000
1945	Below Normal	4,000	6,194	12,070	9,410	52,184	22,551	17,404	15,016	7,008	6,548	4,018	3,881
1946	Below Normal	4,719	5,520	69,520	46,444	15,036	16,898	18,188	15,640	7,046	6,771	4,000	3,825
1947	Dry	4,000	4,500	8,733	7,767	14,341	20,576	12,657	7,513	7,100	5,000	4,421	3,804
1948	Below Normal	4,000	4,500	4,802	13,021	11,145	13,777	28,400	29,214	14,186	6,500	4,000	4,008
1949	Dry	4,000	4,538	6,730	7,615	8,979	46,185	14,314	11,699	6,753	5,000	4,334	4,214
1950	Below Normal	4,000	4,500	4,500	19,606	35,617	16,460	22,033	15,606	8,867	6,500	4,000	4,269
1951	Above Normal	4,303	44,535	98,832	67,247	70,910	28,642	19,398	18,683	6,172	11,094	4,000	10,938
1952	Wet	6,563	10,313	36,093	82,417	73,282	62,682	75,653	73,707	37,018	11,785	5,995	19,375
1953	Wet	9,063	13,371	28,307	99,225	21,240	17,486	20,246	25,255	20,186	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,702	52,264	44,662	44,475	12,888	7,141	11,573	4,000	11,563
1955	Dry	6,250	10,313	13,736	17,224	9,063	7,967	12,318	10,657	6,707	5,030	4,085	3,000
1956	Wet	4,827	4,500	92,810	162,530	82,477	37,579	23,996	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,559	16,317	39,491	15,197	21,270	6,210	10,585	4,000	11,719
1958	Wet	5,938	10,313	17,288	39,398	150,476	116,136	104,437	53,930	29,873	8,000	5,306	18,750
1959	Below Normal	8,750	13,616	5,111	22,321	47,943	11,856	10,728	9,402	7,100	8,376	4,000	4,594
1960	Dry	4,000	4,500	4,500	9,421	28,661	16,872	12,292	8,729	6,875	5,097	4,345	3,939
1961	Dry	4,000	6,695	8,008	9,815	33,334	13,904	8,860	8,287	7,100	5,324	4,048	3,000
1962	Below Normal	4,934	4,500	11,492	6,000	57,262	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,014	5,497	23,297	16,149	75,167	23,748	98,338	30,011	8,740	10,382	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,944	9,487	7,831	9,904	9,356	7,543	5,000	3,952	3,667
1965	Wet	4,000	10,923	81,625	113,359	32,919	18,087	51,729	20,381	9,533	8,672	4,000	20,000
1966	Below Normal	7,813	15,469	6,985	24,816	20,917	18,141	15,839	9,952	6,422	8,382	4,000	4,214
1967	Wet	4,000	10,038	34,040	50,069	50,515	56,420	58,518	56,320	41,076	13,724	4,000	20,469
1968	Below Normal	7,500	13,849	5,174	21,818	58,545	30,277	11,483	10,741	6,250	8,723	4,000	3,613
1969	Wet	4,000	5,704	14,816	119,778	132,110	64,541	59,212	63,387	34,265	8,000	4,000	22,188
1970	Wet	7,031	14,641	46,615	207,434	75,447	36,364	14,486	13,717	7,681	10,858	4,000	18,438
1971	Wet	8,438	15,313	49,202	47,919	18,823	39,435	26,678	30,081	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,772	11,945	15,528	26,115	12,501	9,803	6,593	8,793	4,000	4,402
1973	Above Normal	4,000	11,966	21,389	80,077	86,530	54,702	20,054	18,923	9,383	8,503	4,000	11,719
1974	Wet	6,250	51,272	62,755	131,618	38,663	107,576	70,264	23,968	15,175	8,000	4,883	19,375
1975	Wet	7,969	14,573	5,373	9,606	55,500	84,561	27,612	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,049	7,101	7,990	9,716	8,748	4,000	4,385	4,236	3,708	3,056
1977	Critical	5,749	3,500	4,575	7,032	7,714	7,239	7,100	4,000	4,212	4,000	3,507	3,000
1978	Above Normal	4,015	3,500	11,539	67,167	51,540	69,260	48,155	25,141	12,947	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,957	21,745	34,084	27,107	19,579	19,724	8,067	6,500	4,013	3,360
1980	Above Normal	4,416	10,212	11,548	103,383	133,289	61,744	23,105	19,136	12,234	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,178	19,429	20,488	19,782	14,364	8,984	7,100	5,000	4,204	3,096
1982	Wet	4,000	28,061	88,444	75,225	99,592	82,034	140,278	47,097	19,992	8,000	4,000	19,375
1983	Wet	13,318	41,736	82,312	106,784	177,975	259,322	89,002	77,088	68,586	33,255	16,248	21,940
1984	Wet	10,671	80,808	156,648	63,522	36,588	34,640	18,464	13,729	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,049	12,162	10,075	11,382	11,601	13,723	9,983	6,719	5,000	4,049	4,457
1986	Wet	4,000	4,731	11,415	22,482	211,684	145,610	27,945	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,900	9,705	15,920	23,042	8,956	7,632	7,100	5,000	4,215	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,098	3,000
1989	Dry	3,873	4,273	5,749	7,859	8,636	48,549	20,006	10,915	5,938	5,233	3,907	4,340
1990	Critical	4,000	4,500	4,737	14,811	11,400	11,075	9,753	6,610	4,000	4,121	4,136	3,000
1991	Critical	3,493	3,500	4,328	6,689	7,773	33,979	10,568	5,145	4,000	4,364	4,365	3,000
1992	Critical	3,163	4,106	3,500	9,483	33,269	16,741	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,512	3,500	8,404	63,426	55,595	39,233	42,002	31,051	22,332	8,000	4,000	12,500
1994	Critical	6,250	10,625	4,977	9,033	19,477	7,968	10,336	7,657	4,168	4,278	4,295	3,000
1995	Wet	5,052	3,500	9,843	115,053	50,396	211,662	68,974	83,896	39,690	21,741	8,510	14,375
1996	Wet	11,563	12,570	19,544	47,677	123,134	68,106	47,199	48,551	10,734	8,000	4,000	21,250
1997	Wet	7,813	15,625	77,480	278,453	72,044	21,783	19,838	14,405	7,006	11,239	4,000	18,750
1998	Wet	7,813	15,313	9,561	48,182	220,804	81,419	64,477	58,962	73,263	27,877	11,571	18,905
1999	Wet	8,709	20,215	30,420	40,127	92,457	60,057	30,712	21,329	10,868	8,265	4,000	20,000
2000	Above Normal	7,500	15,398	4,620	21,690	109,501	63,179	22,644	18,774	6,226	10,395	4,000	11,719
2001	Dry	5,781	10,469	4,788	13,284	24,300	22,785	12,656	7,942	7,100	5,000	4,501	3,000
2002	Dry	4,000	5,742	27,922	48,728	14,232	17,163	16,823	12,982	4,967	5,000	4,515	3,416
2003	Above Normal	4,000	4,500	37,186	61,218	21,788	18,288	28,703	43,040	7,204	8,428	4,000	12,031

Simulated Delta Outflow (Node C406)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,237	12,796	38,495	27,416	29,791	56,029	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,286	28,785	15,652	9,650	28,857	17,892	6,919	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,288	9,613	6,604	4,000	4,000	4,064	4,703	3,000
1925	Dry	3,000	4,498	8,067	8,409	70,476	13,330	29,943	17,167	5,556	5,000	4,544	3,918
1926	Dry	4,000	4,500	4,500	14,259	44,632	12,758	27,638	9,923	5,469	5,083	3,761	3,000
1927	Wet	4,000	14,271	14,555	32,183	123,431	41,495	54,124	27,007	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,868	20,988	22,913	81,783	28,749	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,544	8,796	12,281	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,643	18,847	16,246	30,226	11,632	8,459	7,100	5,000	4,274	3,398
1931	Critical	4,000	4,500	4,500	10,417	8,324	7,655	7,817	5,000	4,000	4,000	4,119	3,000
1932	Dry	3,000	3,500	14,351	17,213	14,905	10,469	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,832	7,719	13,491	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,484	3,500	11,203	14,677	14,295	10,625	9,673	7,031	7,100	4,000	3,326	3,000
1935	Below Normal	3,000	6,780	3,835	29,111	10,273	27,337	55,227	20,843	8,041	6,500	4,000	3,915
1936	Below Normal	4,000	4,500	4,500	40,923	77,908	32,403	28,633	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,456	11,255	45,345	48,197	28,775	18,373	11,113	6,500	4,000	3,000
1938	Wet	4,000	16,947	65,215	28,349	136,361	164,122	76,512	70,642	36,602	8,000	4,000	20,625
1939	Dry	7,500	13,789	5,020	7,071	8,210	10,247	9,673	9,325	5,763	5,055	3,682	3,000
1940	Above Normal	4,625	4,500	4,500	34,558	65,876	109,362	73,354	18,159	6,166	10,064	4,000	11,563
1941	Wet	5,938	10,625	36,744	97,188	115,334	89,314	79,272	47,731	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,653	78,171	136,385	23,909	56,687	40,550	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,966	76,906	54,843	84,645	34,708	19,208	7,461	10,439	4,000	19,531
1944	Dry	7,500	12,549	5,130	11,667	23,544	18,820	12,771	9,910	6,717	5,000	3,763	3,000
1945	Below Normal	4,000	6,196	12,072	9,412	51,676	22,551	17,405	15,017	7,008	6,548	4,018	3,895
1946	Below Normal	4,710	5,620	69,514	46,447	15,036	16,897	18,190	15,533	7,223	6,663	4,043	3,894
1947	Dry	4,000	4,500	8,728	7,766	14,292	20,430	12,661	7,518	7,100	5,000	4,433	3,802
1948	Below Normal	4,000	4,500	4,797	13,020	11,145	13,776	28,400	29,215	14,163	6,500	4,000	4,008
1949	Dry	4,000	4,500	6,775	7,614	8,978	46,183	14,315	11,700	6,753	5,000	4,332	4,214
1950	Below Normal	4,000	4,500	4,500	19,600	35,616	16,459	22,033	15,606	8,866	6,500	4,000	4,269
1951	Above Normal	4,303	44,511	96,647	65,855	70,537	28,641	19,398	18,683	6,172	11,093	4,000	10,938
1952	Wet	6,563	10,313	36,098	82,350	73,250	62,617	75,257	72,973	36,446	11,812	6,011	19,375
1953	Wet	9,063	13,371	26,886	99,759	21,219	17,467	20,245	25,249	20,179	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,814	52,282	44,289	44,476	12,885	7,134	11,580	4,000	11,563
1955	Dry	6,250	10,313	13,735	17,223	9,063	7,966	12,317	10,657	6,707	5,031	4,084	3,000
1956	Wet	4,920	4,500	92,024	158,886	81,615	37,507	23,995	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,557	16,315	39,483	15,197	21,269	6,210	10,586	4,000	11,719
1958	Wet	5,938	10,313	17,285	39,396	150,475	116,134	104,112	53,928	29,871	8,000	5,304	18,750
1959	Below Normal	8,750	13,616	5,111	21,194	47,638	11,851	10,729	9,403	7,100	8,376	4,000	4,630
1960	Dry	4,000	4,500	4,500	9,418	28,659	16,870	12,292	8,730	6,875	5,097	4,346	3,937
1961	Dry	4,000	6,695	7,917	9,818	33,332	13,903	8,860	8,287	7,100	5,328	4,042	3,000
1962	Below Normal	4,937	4,500	11,480	6,000	57,249	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,008	5,494	23,295	16,148	75,171	23,747	98,337	30,010	8,740	10,383	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,944	9,487	7,830	9,905	9,355	7,543	5,000	3,953	3,668
1965	Wet	4,000	10,922	81,616	113,352	32,918	18,087	51,734	20,381	9,532	8,673	4,000	20,000
1966	Below Normal	7,813	15,469	6,986	24,814	20,915	18,249	15,859	9,951	6,422	8,390	4,000	4,211
1967	Wet	4,000	10,033	34,023	50,068	50,513	56,421	58,047	55,805	40,248	11,892	4,000	20,625
1968	Below Normal	7,500	13,849	5,174	21,726	56,479	30,311	11,482	10,741	6,250	8,720	4,000	3,613
1969	Wet	4,000	5,705	14,815	118,974	127,963	62,211	58,527	59,366	33,035	8,000	4,000	21,875
1970	Wet	7,188	14,641	46,476	207,428	75,447	36,340	14,486	13,717	7,684	10,855	4,000	18,594
1971	Wet	8,438	15,313	49,141	47,919	18,821	39,124	26,677	30,079	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,770	11,943	15,528	26,113	12,501	9,802	6,593	8,793	4,000	4,403
1973	Above Normal	4,000	11,959	21,387	80,077	86,528	54,702	20,054	18,923	9,383	8,497	4,000	11,719
1974	Wet	6,250	50,902	62,753	131,415	38,662	107,575	70,263	23,967	15,174	8,000	4,881	19,375
1975	Wet	7,969	14,573	5,373	9,603	55,523	84,620	27,610	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,050	7,100	7,990	9,716	8,748	4,000	4,385	4,231	3,714	3,055
1977	Critical	5,749	3,500	4,574	7,037	7,714	7,239	7,100	4,000	4,209	4,000	3,527	3,000
1978	Above Normal	3,989	3,500	11,546	67,166	50,688	68,687	47,220	23,550	12,471	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,500	21,798	33,568	27,045	19,624	19,724	8,067	6,500	4,000	3,359
1980	Above Normal	4,219	7,895	11,585	104,079	131,322	60,751	23,103	19,134	12,233	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,189	19,426	20,475	20,299	14,360	8,980	7,100	5,000	4,236	3,135
1982	Wet	4,000	27,508	88,836	75,222	99,592	81,876	137,713	45,308	19,992	8,000	4,000	19,375
1983	Wet	13,310	40,716	78,976	103,244	176,416	257,383	88,001	77,795	69,082	33,231	16,247	21,939
1984	Wet	10,670	80,625	155,222	63,500	36,876	34,716	18,463	13,728	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,046	12,161	10,074	11,382	11,600	13,723	9,983	6,719	5,000	4,050	4,457
1986	Wet	4,000	4,731	11,414	22,482	210,010	140,878	27,944	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,898	9,707	15,920	23,042	8,956	7,632	7,100	5,000	4,168	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,095	3,000
1989	Dry	3,869	4,276	5,740	7,852	8,636	48,554	20,007	10,915	5,938	5,233	3,889	4,298
1990	Critical	4,000	4,500	4,745	14,810	11,400	11,074	9,753	6,610	4,000	4,121	4,427	3,000
1991	Critical	3,544	3,500	4,347	6,727	7,787	33,992	10,580	5,158	4,000	4,363	4,357	3,000
1992	Critical	3,175	4,075	3,500	9,529	33,266	16,738	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,506	3,500	8,403	63,425	55,592	39,237	42,007	30,959	22,352	8,000	4,000	12,500
1994	Critical	6,250	10,625	5,010	9,027	19,475	7,967	10,337	7,658	4,170	4,283	4,285	3,000
1995	Wet	5,064	3,500	9,834	114,971	50,364	209,964	67,867	86,735	39,564	19,680	8,515	14,375
1996	Wet	11,563	12,570	19,167	47,549	121,173	68,062	47,191	48,547	10,733	8,000	4,000	21,250
1997	Wet	7,813	15,625	75,683	271,962	70,787	21,781	19,838	14,405	6,900	11,311	4,000	18,750
1998	Wet	7,813	15,313	9,562	48,200	219,328	80,901	63,724	58,389	70,634	24,314	11,569	18,903
1999	Wet	8,771	20,213	30,419	40,126	92,456	60,056	30,711	21,328	10,885	8,255	4,000	20,000
2000	Above Normal	7,500	15,398	4,622	21,685	109,370	63,135	22,644	18,775	6,226	10,390	4,000	11,719
2001	Dry	5,781	10,469	4,764	13,281	24,299	22,783	12,656	7,942	7,100	5,000	4,512	3,000
2002	Dry	4,000	5,737	27,920	48,724	14,232	17,161	16,823	12,982	4,967	5,000	4,501	3,451
2003	Above Normal	4,000	4,500	37,131	61,204	21,787	18,287	28,702	43,038	7,204	8,428	4,000	12,031

Change in Simulated Delta Outflow (Node C406)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	2	-5	0	-1	0	0	0	0
1923	Below Normal	0	0	-1	-91	0	1	-8	1	1	0	0	0
1924	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1925	Dry	0	-1	-2	-4	-4	-4	-3	0	0	0	3	1
1926	Dry	0	0	0	-3	-10	0	-2	0	0	0	-1	0
1927	Wet	0	-5	-4	-3	-24	-2	-3	-2	0	0	0	0
1928	Above Normal	0	0	-2	-2	-3	-14	-2	0	0	1	0	0
1929	Critical	0	0	-1	-2	-2	0	0	0	0	0	0	0
1930	Dry	0	0	-2	-3	-3	-1	0	0	0	0	1	0
1931	Critical	0	0	0	-2	-2	-2	0	0	0	0	-1	0
1932	Dry	0	0	-7	-5	-3	77	0	0	0	0	0	0
1933	Critical	0	0	0	-5	-5	-4	0	0	0	0	0	0
1934	Critical	-2	0	0	-4	-4	0	0	0	0	0	43	0
1935	Below Normal	0	-15	-2	-4	-3	-4	-4	0	0	0	0	1
1936	Below Normal	0	0	0	-3	-203	-4	-3	0	0	0	0	0
1937	Below Normal	0	0	1	-3	-833	-1,341	-845	-605	73	0	0	0
1938	Wet	0	-42	-2	-56	-1,838	-2,719	-2,427	2,676	-1,134	0	0	0
1939	Dry	0	0	55	-9	0	10	0	7	33	-1	-35	0
1940	Above Normal	-219	0	0	36	145	25	-7	0	0	-12	0	0
1941	Wet	0	0	525	19	-1,170	-2	1	-1	0	0	0	0
1942	Wet	0	0	-80	1	-77	0	-1	-1	0	0	0	0
1943	Wet	0	0	5	-362	24	-1,474	1	5	0	-150	0	156
1944	Dry	0	0	1	-4	-2	-2	0	0	0	0	-1	0
1945	Below Normal	0	2	2	2	-509	-1	1	1	0	0	0	14
1946	Below Normal	-10	100	-6	3	0	-1	2	-108	177	-107	43	69
1947	Dry	0	0	-5	0	-49	-146	4	5	0	0	12	-3
1948	Below Normal	0	0	-5	-1	0	-1	0	1	-23	0	0	0
1949	Dry	0	-38	46	-1	-1	-3	1	1	0	0	-2	0
1950	Below Normal	0	0	0	-5	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-23	-2,185	-1,391	-373	-1	0	0	0	-1	0	0
1952	Wet	0	0	5	-67	-32	-64	-396	-734	-573	27	16	0
1953	Wet	0	0	-1,421	534	-21	-19	-1	-5	-7	0	0	0
1954	Above Normal	0	0	0	112	19	-372	1	-3	-7	7	0	0
1955	Dry	0	0	-1	0	0	-1	0	-1	0	0	-1	0
1956	Wet	93	0	-786	-3,643	-862	-73	0	0	0	0	0	0
1957	Above Normal	0	0	0	-2	-2	-8	0	-2	0	0	0	0
1958	Wet	0	0	-2	-2	-1	-1	-325	-2	-2	0	-2	0
1959	Below Normal	0	0	0	-1,127	-304	-6	1	0	0	-1	0	36
1960	Dry	0	0	0	-2	-2	-2	0	1	0	0	0	-2
1961	Dry	0	0	-91	3	-2	0	0	0	0	4	-5	0
1962	Below Normal	3	0	-12	0	-12	0	0	0	0	1	0	0
1963	Wet	-6	-3	-2	-2	3	-1	-1	-1	0	0	0	0
1964	Dry	0	0	0	0	-1	-1	1	0	0	0	0	1
1965	Wet	0	-1	-9	-6	-1	0	5	0	0	1	0	0
1966	Below Normal	0	0	1	-2	-1	108	21	0	0	8	0	-2
1967	Wet	0	-5	-17	-1	-1	1	-470	-515	-828	-1,832	0	156
1968	Below Normal	0	0	0	-92	-2,066	35	0	0	0	-3	0	0
1969	Wet	0	1	-1	-804	-4,148	-2,331	-685	-4,021	-1,230	0	0	-313
1970	Wet	156	0	-139	-5	0	-23	0	0	3	-3	0	156
1971	Wet	0	0	-62	0	-2	-311	0	-2	-1	0	0	0
1972	Below Normal	0	0	-2	-2	-1	-2	-1	0	0	0	0	1
1973	Above Normal	0	-6	-1	-1	-2	-1	-1	0	0	-6	0	0
1974	Wet	0	-370	-2	-203	-1	-1	-1	-1	-1	0	-2	0
1975	Wet	0	0	0	-3	23	59	-2	0	0	0	0	0
1976	Critical	0	0	0	-1	0	0	0	0	0	-5	6	-1
1977	Critical	0	0	-1	4	0	0	0	0	-3	0	20	0
1978	Above Normal	-26	0	7	-2	-852	-573	-935	-1,591	-476	0	0	0
1979	Below Normal	0	0	-457	53	-516	-62	44	-1	0	0	-13	-1
1980	Above Normal	-198	-2,318	37	695	-1,967	-993	-2	-3	-1	0	0	0
1981	Dry	0	0	11	-3	-13	517	-4	-5	0	0	32	39
1982	Wet	0	-553	392	-3	0	-159	-2,565	-1,789	0	0	0	0
1983	Wet	-9	-1,020	-3,336	-3,540	-1,558	-1,939	-1,001	707	496	-24	-1	-1
1984	Wet	-1	-183	-1,426	-22	288	76	-1	0	0	-1	0	0
1985	Dry	0	-3	0	-1	-1	0	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	-1,674	-4,732	-1	0	0	0	0	0
1987	Dry	0	0	-2	2	0	0	0	0	0	0	-47	0
1988	Critical	0	0	0	-1	0	0	0	0	0	0	-3	0
1989	Dry	-4	3	-9	-7	0	5	1	0	0	0	-19	-42
1990	Critical	0	0	8	-1	0	-1	0	0	0	0	291	0
1991	Critical	51	0	20	38	14	13	13	13	0	-1	-8	0
1992	Critical	12	-31	0	46	-3	-3	0	0	0	0	0	0
1993	Above Normal	-6	0	-1	-2	-3	4	4	-92	20	0	0	0
1994	Critical	0	0	33	-5	-2	-1	0	1	2	4	-10	0
1995	Wet	11	0	-9	-82	-33	-1,698	-1,107	2,839	-126	-2,061	5	0
1996	Wet	0	0	-377	-128	-1,961	-44	-8	-4	-1	0	0	0
1997	Wet	0	0	-1,796	-6,491	-1,257	-2	0	0	-106	72	0	0
1998	Wet	0	0	1	18	-1,477	-517	-753	-573	-2,629	-3,563	-1	-2
1999	Wet	62	-2	-1	-2	-2	-1	-1	-1	17	-11	0	0
2000	Above Normal	0	0	2	-5	-131	-44	0	0	0	-5	0	0
2001	Dry	0	0	-24	-3	-1	-1	0	0	0	0	11	0
2002	Dry	0	-5	-2	-4	0	-1	0	0	0	0	-14	35
2003	Above Normal	0	0	-55	-14	-1	-1	-1	-1	0	1	0	0

Percent Change in Simulated Delta Outflow (Node C406)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	-3%	-3%	-3%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	-1%	-2%	-3%	4%	-3%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%	-1%	0%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	-1%	3%	-2%	1%	2%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1953	Wet	0%	0%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	2%	0%	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-13%	0%	1%
1968	Below Normal	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-1%	-3%	-4%	-1%	-6%	-4%	0%	0%	-1%
1970	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1978	Above Normal	-1%	0%	0%	0%	-2%	-1%	-2%	-6%	-4%	0%	0%	0%
1979	Below Normal	0%	0%	-9%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	-23%	0%	1%	-1%	-2%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	0%	-2%	0%	0%	0%	0%	-2%	-4%	0%	0%	0%	0%
1983	Wet	0%	-2%	-4%	-3%	-1%	-1%	-1%	1%	1%	0%	0%	0%
1984	Wet	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1991	Critical	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	-2%	3%	0%	-9%	0%	0%
1996	Wet	0%	0%	-2%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	-2%	-2%	-2%	0%	0%	0%	-2%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-4%	-13%	0%	0%
1999	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	215	233	292	360	439	424	196	276	524	503	342	292
1923	Above Normal	303	333	413	439	439	441	392	468	430	347	229	211
1924	Critical	235	261	275	287	271	273	314	316	233	159	134	159
1925	Below Normal	160	177	207	239	313	292	293	365	360	283	191	182
1926	Dry	207	226	247	262	294	295	382	496	433	277	171	176
1927	Above Normal	180	219	267	307	423	438	349	442	490	402	255	213
1928	Below Normal	233	309	348	378	387	438	450	515	436	277	183	183
1929	Critical	165	158	166	174	168	145	161	244	228	171	142	176
1930	Critical	153	135	138	149	163	147	213	222	239	168	140	175
1931	Critical	158	148	153	162	166	133	184	205	162	131	131	151
1932	Above Normal	155	153	216	287	439	441	325	356	473	424	268	220
1933	Dry	231	255	268	292	282	278	264	193	258	227	164	181
1934	Critical	183	179	213	253	276	314	402	382	284	188	158	169
1935	Above Normal	160	167	195	253	314	281	242	374	508	388	243	209
1936	Above Normal	227	258	275	311	439	479	448	523	501	380	242	205
1937	Wet	213	235	268	300	439	479	358	524	524	421	265	220
1938	Wet	238	266	428	439	429	479	362	307	524	524	422	346
1939	Dry	357	374	394	434	439	478	523	505	387	251	158	168
1940	Above Normal	183	177	179	294	387	449	389	523	504	336	180	156
1941	Wet	166	188	274	383	439	479	348	364	463	475	324	243
1942	Wet	247	271	351	439	439	466	402	354	466	442	287	229
1943	Wet	241	295	336	412	439	479	456	523	496	379	244	210
1944	Below Normal	217	243	262	289	301	310	260	323	319	251	177	184
1945	Above Normal	199	246	299	338	439	458	346	416	470	406	265	226
1946	Above Normal	273	354	439	439	439	453	417	524	494	360	225	201
1947	Dry	226	296	379	424	439	466	456	521	417	266	172	180
1948	Below Normal	177	178	184	193	185	131	136	225	292	216	165	189
1949	Below Normal	194	192	210	227	236	211	239	336	355	234	160	176
1950	Below Normal	193	202	218	256	320	298	338	410	398	278	175	181
1951	Above Normal	202	357	381	439	439	456	378	380	347	256	178	184
1952	Wet	192	198	261	398	439	397	291	485	524	521	408	343
1953	Below Normal	336	341	373	439	439	442	415	369	314	269	187	189
1954	Below Normal	189	191	204	230	264	275	316	440	410	294	191	178
1955	Dry	192	206	236	273	299	284	240	258	316	226	165	179
1956	Wet	181	180	351	351	439	479	392	388	446	412	289	240
1957	Below Normal	265	294	312	344	367	364	293	302	369	282	188	188
1958	Wet	206	220	261	298	378	426	348	474	524	502	371	313
1959	Dry	310	317	323	359	407	475	523	497	400	254	147	178
1960	Critical	179	170	169	176	200	189	274	308	272	185	155	172
1961	Critical	153	151	176	188	198	166	230	235	198	136	136	161
1962	Below Normal	167	175	205	234	401	367	320	393	466	389	249	214
1963	Above Normal	233	259	270	304	439	452	325	341	424	379	252	222
1964	Dry	243	315	355	383	371	369	358	357	315	210	161	175
1965	Wet	161	176	299	439	439	417	286	298	326	289	240	220
1966	Below Normal	236	339	412	439	439	478	520	523	425	261	157	163
1967	Wet	151	162	367	439	439	399	292	326	524	524	444	363
1968	Dry	302	290	299	323	306	351	405	435	354	219	167	187
1969	Wet	167	179	223	351	372	326	191	375	524	524	445	354
1970	Above Normal	318	320	344	439	439	479	415	426	414	290	200	197
1971	Below Normal	197	219	288	353	386	376	336	339	323	240	172	186
1972	Dry	201	218	272	308	332	386	354	359	319	199	133	176
1973	Above Normal	175	189	227	294	385	379	257	493	524	398	254	216
1974	Wet	243	336	426	439	439	479	424	478	495	377	246	209
1975	Wet	229	262	294	329	365	395	239	319	496	390	240	212
1976	Critical	256	302	327	342	339	370	391	380	269	162	132	176
1977	Critical	182	182	194	211	217	219	240	213	181	141	131	152
1978	Wet	152	152	230	388	439	479	393	413	524	524	434	439
1979	Above Normal	393	391	400	439	439	479	438	523	509	363	228	200
1980	Wet	222	262	291	380	405	479	475	452	461	524	416	349
1981	Dry	354	368	388	422	437	462	465	512	432	268	177	184
1982	Wet	178	230	286	392	439	447	524	524	524	523	440	440
1983	Wet	439	432	418	412	439	475	228	131	524	524	515	456
1984	Above Normal	406	437	407	439	439	478	385	440	401	296	209	207
1985	Dry	231	283	324	360	375	380	434	487	396	252	159	179
1986	Wet	182	202	262	341	393	479	421	491	524	456	313	273
1987	Critical	301	322	335	359	362	389	443	457	356	205	140	152
1988	Critical	135	139	157	205	224	219	277	295	251	174	149	172
1989	Critical	154	143	156	170	186	209	320	363	304	196	156	179
1990	Critical	175	173	184	201	213	207	297	287	230	171	152	166
1991	Critical	152	140	142	143	136	146	152	193	240	175	143	184
1992	Critical	170	168	183	201	244	239	343	388	287	194	158	173
1993	Wet	158	151	175	347	439	479	313	387	450	437	291	236
1994	Critical	252	270	289	317	321	356	392	409	349	229	156	172
1995	Wet	195	219	259	439	439	479	333	288	524	524	489	385
1996	Wet	293	270	286	337	434	479	371	488	490	381	246	211
1997	Wet	226	325	429	351	422	479	447	523	432	290	159	150
1998	Wet	170	204	239	334	439	479	440	350	524	524	452	363
1999	Above Normal	308	309	330	380	392	419	364	423	449	312	204	198
2000	Above Normal	213	225	238	306	382	439	407	519	519	360	226	199
2001	Dry	219	246	262	285	289	332	341	449	379	241	164	177
2002	Dry	167	171	222	276	304	288	353	404	375	260	168	173
2003	Below Normal	166	212	250	303	339	327	273	331	399	269	182	182

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1923	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1924	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1925	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1926	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1927	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1928	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1929	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1930	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1931	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1932	Above Normal	340	340	340	340	344	340	340	340	340	340	340	340
1933	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1934	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1935	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1936	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1937	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1938	Wet	340	340	340	340	340	340	340	340	449	449	340	340
1939	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1940	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1941	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1942	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1943	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1944	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1945	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1946	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1947	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1948	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1949	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1950	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1951	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1952	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1953	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1954	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1955	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1956	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1957	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1958	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1959	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1960	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1961	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1962	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1963	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1964	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1965	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1966	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1967	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1968	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1969	Wet	340	340	340	341	340	340	340	340	449	449	340	340
1970	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1971	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1972	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1973	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1974	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1975	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1976	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1977	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1978	Wet	340	340	340	344	348	340	340	340	340	340	340	340
1979	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1980	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1981	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1982	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1983	Wet	340	340	340	340	340	404	340	340	449	449	415	340
1984	Above Normal	340	362	340	364	361	399	340	340	340	340	340	340
1985	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1986	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1987	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1988	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1989	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1990	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1991	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1992	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1993	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1994	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1995	Wet	340	340	340	340	340	340	340	340	340	449	389	340
1996	Wet	340	340	340	340	340	353	340	406	395	340	340	340
1997	Wet	340	340	340	340	347	404	367	448	340	340	340	340
1998	Wet	340	340	340	340	340	340	340	340	340	449	340	340
1999	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2000	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2001	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2002	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2003	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340

Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	125	107	48	-19	-99	-84	144	64	-184	-163	-2	48
1923	Above Normal	37	7	-73	-99	-99	-101	-52	-128	-90	-7	111	129
1924	Critical	105	79	66	53	70	67	26	24	108	181	206	181
1925	Below Normal	180	163	133	101	27	48	47	-25	-19	57	149	158
1926	Dry	133	114	93	78	46	45	-42	-156	-93	63	170	164
1927	Above Normal	160	121	73	33	-83	-98	-9	-102	-150	-62	85	127
1928	Below Normal	107	31	-8	-38	-47	-98	-110	-175	-96	63	157	157
1929	Critical	175	182	174	167	172	195	179	96	113	169	198	164
1930	Critical	187	205	203	191	177	193	127	119	102	172	200	165
1931	Critical	182	192	187	178	174	207	156	135	178	209	209	189
1932	Above Normal	185	187	124	53	-95	-101	15	-16	-133	-84	72	120
1933	Dry	109	85	72	48	58	62	76	147	82	113	176	159
1934	Critical	157	161	127	88	64	26	-62	-42	56	152	182	171
1935	Above Normal	180	173	145	87	26	59	99	-34	-168	-47	97	131
1936	Above Normal	113	82	65	29	-99	-138	-108	-183	-161	-40	99	135
1937	Wet	127	105	72	40	-99	-138	-17	-184	-184	-81	75	120
1938	Wet	102	74	-88	-99	-89	-138	-22	33	-75	-75	-82	-6
1939	Dry	-17	-34	-54	-94	-99	-138	-183	-165	-47	89	182	172
1940	Above Normal	157	163	161	46	-46	-109	-49	-183	-164	5	160	184
1941	Wet	174	152	66	-43	-99	-138	-8	-24	-123	-135	16	97
1942	Wet	94	69	-11	-99	-99	-125	-62	-14	-126	-101	53	111
1943	Wet	99	46	4	-72	-99	-138	-116	-183	-156	-38	96	130
1944	Below Normal	123	97	78	51	39	30	80	17	21	89	163	156
1945	Above Normal	141	94	41	2	-99	-118	-6	-76	-130	-66	75	114
1946	Above Normal	68	-14	-99	-99	-99	-113	-77	-183	-154	-19	116	139
1947	Dry	114	44	-39	-84	-99	-126	-116	-181	-77	74	168	160
1948	Below Normal	163	163	156	147	155	209	204	115	48	124	175	151
1949	Below Normal	146	148	130	113	104	129	101	5	-15	106	180	164
1950	Below Normal	147	139	122	84	20	42	2	-70	-58	62	166	159
1951	Above Normal	138	-17	-41	-99	-99	-115	-38	-40	-7	85	162	156
1952	Wet	148	142	79	-57	-99	-56	49	-145	-184	-181	-68	-3
1953	Below Normal	4	0	-32	-99	-99	-101	-75	-29	26	71	153	151
1954	Below Normal	151	149	136	110	76	65	25	-100	-70	46	149	162
1955	Dry	148	134	104	67	41	56	100	82	25	114	175	161
1956	Wet	159	160	-10	-10	-99	-138	-52	-48	-106	-72	51	100
1957	Below Normal	75	46	28	-4	-27	-24	48	38	-29	58	152	152
1958	Wet	134	120	79	42	-38	-85	-8	-134	-184	-161	-31	27
1959	Dry	30	24	17	-19	-67	-135	-183	-157	-60	86	193	162
1960	Critical	161	171	171	164	140	151	66	32	69	155	185	168
1961	Critical	187	189	164	153	142	174	110	105	142	204	204	179
1962	Below Normal	173	165	135	107	-60	-27	20	-53	-126	-49	91	126
1963	Above Normal	107	81	71	36	-99	-112	15	-1	-84	-39	88	118
1964	Dry	97	25	-15	-43	-31	-29	-18	-17	25	130	180	165
1965	Wet	179	164	42	-99	-99	-77	54	42	14	51	100	120
1966	Below Normal	104	2	-72	-99	-99	-138	-180	-183	-85	79	183	177
1967	Wet	189	179	-27	-99	-99	-59	48	14	-184	-184	-104	-23
1968	Dry	38	50	42	17	34	-11	-65	-95	-14	121	174	153
1969	Wet	174	161	117	-9	-32	14	149	-35	-75	-75	-105	-14
1970	Above Normal	22	20	-4	-99	-99	-138	-75	-86	-74	50	140	143
1971	Below Normal	143	121	52	-13	-46	-36	5	1	17	100	168	154
1972	Dry	139	122	68	32	8	-46	-14	-19	21	141	207	164
1973	Above Normal	166	151	113	46	-45	-39	83	-153	-184	-58	86	124
1974	Wet	97	4	-86	-99	-99	-138	-84	-138	-155	-37	94	131
1975	Wet	111	79	46	11	-25	-55	102	21	-156	-50	100	128
1976	Critical	84	38	13	-2	1	-30	-51	-39	71	178	208	164
1977	Critical	158	159	146	129	123	121	100	127	159	199	209	188
1978	Wet	188	188	110	-44	-91	-138	-53	-73	-184	-184	-94	-99
1979	Above Normal	-53	-51	-60	-99	-99	-138	-98	-183	-169	-23	112	140
1980	Wet	118	78	49	-40	-65	-138	-135	-112	-121	-184	-76	-8
1981	Dry	-14	-28	-48	-82	-96	-122	-125	-172	-92	72	163	156
1982	Wet	162	110	54	-52	-98	-107	-184	-184	-184	-183	-100	-100
1983	Wet	-99	-92	-78	-72	-99	-71	112	209	-75	-75	-100	-116
1984	Above Normal	-66	-75	-67	-75	-78	-79	-45	-99	-61	44	131	133
1985	Dry	109	57	16	-19	-35	-40	-94	-147	-56	88	181	161
1986	Wet	158	138	79	-1	-53	-138	-81	-151	-184	-116	27	67
1987	Critical	39	18	5	-18	-22	-49	-103	-117	-16	135	200	188
1988	Critical	205	202	183	135	116	121	63	45	89	166	191	168
1989	Critical	186	197	185	170	154	131	20	-22	36	144	185	161
1990	Critical	165	167	156	139	127	133	43	53	110	169	188	174
1991	Critical	188	200	198	197	204	194	188	147	101	166	197	156
1992	Critical	170	172	157	139	96	102	-3	-48	53	146	182	167
1993	Wet	182	189	165	-7	-99	-138	27	-47	-110	-97	49	104
1994	Critical	88	71	51	23	19	-16	-52	-69	-8	111	184	169
1995	Wet	145	121	81	-99	-99	-138	7	52	-184	-75	-99	-45
1996	Wet	47	70	54	3	-94	-126	-30	-82	-95	-41	94	129
1997	Wet	115	15	-89	-10	-75	-75	-80	-74	-92	50	181	190
1998	Wet	170	136	101	6	-99	-138	-100	-10	-184	-75	-112	-23
1999	Above Normal	32	31	10	-40	-52	-79	-24	-83	-109	28	136	142
2000	Above Normal	128	116	102	34	-42	-99	-67	-179	-179	-20	115	141
2001	Dry	121	94	78	55	51	8	-1	-109	-39	99	177	163
2002	Dry	173	169	118	64	36	52	-13	-64	-35	80	172	167
2003	Below Normal	174	129	90	37	2	13	67	9	-59	71	158	158

Percent Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	58%	46%	16%	-5%	-23%	-20%	73%	23%	-35%	-32%	-1%	17%
1923	Above Normal	12%	2%	-18%	-23%	-23%	-23%	-13%	-27%	-21%	-2%	48%	61%
1924	Critical	45%	30%	24%	19%	26%	25%	8%	8%	46%	114%	154%	113%
1925	Below Normal	113%	92%	64%	42%	9%	17%	16%	-7%	-5%	20%	78%	86%
1926	Dry	64%	50%	38%	30%	16%	15%	-11%	-32%	-21%	23%	99%	93%
1927	Above Normal	89%	55%	27%	11%	-20%	-22%	-2%	-23%	-31%	-15%	33%	60%
1928	Below Normal	46%	10%	-2%	-10%	-12%	-22%	-24%	-34%	-22%	23%	85%	86%
1929	Critical	106%	115%	105%	96%	102%	134%	111%	39%	49%	99%	139%	93%
1930	Critical	122%	152%	147%	129%	108%	132%	60%	53%	43%	102%	143%	94%
1931	Critical	115%	129%	122%	110%	105%	156%	85%	66%	110%	160%	160%	125%
1932	Above Normal	119%	122%	58%	19%	-22%	-23%	5%	-5%	-28%	-20%	27%	55%
1933	Dry	47%	33%	27%	17%	20%	22%	29%	76%	32%	50%	107%	88%
1934	Critical	86%	90%	60%	35%	23%	8%	-15%	-11%	20%	81%	116%	101%
1935	Above Normal	113%	103%	75%	34%	8%	21%	41%	-9%	-33%	-12%	40%	62%
1936	Above Normal	50%	32%	24%	9%	-23%	-29%	-24%	-35%	-32%	-10%	41%	66%
1937	Wet	60%	45%	27%	13%	-23%	-29%	-5%	-35%	-35%	-19%	28%	54%
1938	Wet	43%	28%	-21%	-23%	-21%	-29%	-6%	11%	-14%	-14%	-19%	-2%
1939	Dry	-5%	-9%	-14%	-22%	-23%	-29%	-35%	-33%	-12%	36%	116%	102%
1940	Above Normal	86%	92%	90%	16%	-12%	-24%	-13%	-35%	-32%	1%	89%	117%
1941	Wet	104%	80%	24%	-11%	-23%	-29%	-2%	-7%	-27%	-28%	5%	40%
1942	Wet	38%	26%	-3%	-23%	-23%	-27%	-15%	-4%	-27%	-23%	19%	49%
1943	Wet	41%	15%	1%	-18%	-23%	-29%	-25%	-35%	-31%	-10%	40%	62%
1944	Below Normal	57%	40%	30%	18%	13%	10%	31%	5%	6%	35%	92%	84%
1945	Above Normal	71%	38%	14%	0%	-23%	-26%	-2%	-18%	-28%	-16%	28%	51%
1946	Above Normal	25%	-4%	-23%	-23%	-23%	-25%	-18%	-35%	-31%	-5%	51%	69%
1947	Dry	50%	15%	-10%	-20%	-23%	-27%	-25%	-35%	-19%	28%	98%	89%
1948	Below Normal	92%	92%	85%	76%	84%	160%	150%	51%	16%	57%	106%	80%
1949	Below Normal	75%	77%	62%	50%	44%	61%	42%	1%	-4%	45%	113%	93%
1950	Below Normal	76%	69%	56%	33%	6%	14%	1%	-17%	-15%	22%	95%	88%
1951	Above Normal	68%	-5%	-11%	-23%	-23%	-25%	-10%	-11%	-2%	33%	91%	85%
1952	Wet	77%	72%	30%	-14%	-23%	-14%	17%	-30%	-35%	-35%	-17%	-1%
1953	Below Normal	1%	0%	-9%	-23%	-23%	-23%	-18%	-8%	8%	26%	82%	80%
1954	Below Normal	80%	78%	67%	48%	29%	24%	8%	-23%	-17%	16%	78%	91%
1955	Dry	77%	65%	44%	25%	14%	20%	42%	32%	8%	50%	107%	89%
1956	Wet	88%	89%	-3%	-3%	-23%	-29%	-13%	-12%	-24%	-17%	18%	42%
1957	Below Normal	28%	16%	9%	-1%	-7%	-7%	16%	13%	-8%	21%	81%	81%
1958	Wet	65%	55%	30%	14%	-10%	-20%	-2%	-28%	-35%	-32%	-8%	9%
1959	Dry	10%	7%	5%	-5%	-16%	-28%	-35%	-32%	-15%	34%	131%	91%
1960	Critical	89%	101%	101%	93%	70%	80%	24%	10%	25%	84%	119%	98%
1961	Critical	122%	125%	93%	81%	71%	105%	48%	45%	72%	150%	151%	111%
1962	Below Normal	104%	94%	66%	46%	-15%	-7%	6%	-14%	-27%	-13%	36%	59%
1963	Above Normal	46%	31%	26%	12%	-23%	-25%	5%	0%	-20%	-10%	35%	53%
1964	Dry	40%	8%	-4%	-11%	-8%	-8%	-5%	-5%	8%	62%	112%	95%
1965	Wet	111%	93%	14%	-23%	-23%	-19%	19%	14%	4%	18%	41%	54%
1966	Below Normal	44%	0%	-17%	-23%	-23%	-29%	-35%	-35%	-20%	30%	117%	108%
1967	Wet	125%	110%	-7%	-23%	-23%	-15%	17%	4%	-35%	-35%	-23%	-6%
1968	Dry	13%	17%	14%	5%	11%	-3%	-16%	-22%	-4%	55%	104%	82%
1969	Wet	104%	90%	52%	-3%	-9%	4%	78%	-9%	-14%	-14%	-24%	-4%
1970	Above Normal	7%	6%	-1%	-23%	-23%	-29%	-18%	-20%	-18%	17%	70%	73%
1971	Below Normal	72%	55%	18%	-4%	-12%	-9%	1%	0%	5%	42%	98%	83%
1972	Dry	69%	56%	25%	10%	2%	-12%	-4%	-5%	7%	71%	156%	93%
1973	Above Normal	95%	80%	50%	16%	-12%	-10%	32%	-31%	-35%	-15%	34%	57%
1974	Wet	40%	1%	-20%	-23%	-23%	-29%	-20%	-29%	-31%	-10%	38%	63%
1975	Wet	49%	30%	16%	3%	-7%	-14%	43%	7%	-32%	-13%	42%	61%
1976	Critical	33%	13%	4%	-1%	0%	-8%	-13%	-10%	26%	110%	157%	93%
1977	Critical	87%	87%	76%	61%	57%	55%	42%	59%	88%	141%	160%	124%
1978	Wet	124%	123%	48%	-11%	-21%	-29%	-13%	-18%	-35%	-35%	-22%	-23%
1979	Above Normal	-14%	-13%	-15%	-23%	-23%	-29%	-22%	-35%	-33%	-6%	49%	70%
1980	Wet	53%	30%	17%	-10%	-16%	-29%	-28%	-25%	-26%	-35%	-18%	-2%
1981	Dry	-4%	-8%	-12%	-19%	-22%	-26%	-27%	-34%	-21%	27%	92%	85%
1982	Wet	91%	48%	19%	-13%	-22%	-24%	-35%	-35%	-35%	-35%	-23%	-23%
1983	Wet	-23%	-21%	-19%	-18%	-23%	-15%	49%	160%	-14%	-14%	-19%	-25%
1984	Above Normal	-16%	-17%	-16%	-17%	-18%	-17%	-12%	-23%	-15%	15%	63%	65%
1985	Dry	47%	20%	5%	-5%	-9%	-11%	-22%	-30%	-14%	35%	113%	90%
1986	Wet	87%	68%	30%	0%	-13%	-29%	-19%	-31%	-35%	-25%	9%	24%
1987	Critical	13%	6%	2%	-5%	-6%	-13%	-23%	-26%	-4%	66%	143%	124%
1988	Critical	152%	145%	117%	66%	52%	55%	23%	15%	35%	96%	128%	97%
1989	Critical	120%	138%	119%	100%	83%	63%	6%	-6%	12%	73%	119%	90%
1990	Critical	94%	97%	85%	69%	60%	65%	14%	18%	48%	98%	124%	104%
1991	Critical	123%	142%	140%	137%	150%	133%	123%	76%	42%	95%	138%	85%
1992	Critical	100%	102%	85%	69%	39%	43%	-1%	-12%	19%	75%	115%	96%
1993	Wet	116%	126%	95%	-2%	-23%	-29%	9%	-12%	-24%	-22%	17%	44%
1994	Critical	35%	26%	18%	7%	6%	-4%	-13%	-17%	-2%	48%	118%	98%
1995	Wet	75%	55%	31%	-23%	-23%	-29%	2%	18%	-35%	-14%	-20%	-12%
1996	Wet	16%	26%	19%	1%	-22%	-26%	-8%	-17%	-19%	-11%	38%	61%
1997	Wet	51%	5%	-21%	-3%	-18%	-16%	-18%	-14%	-21%	17%	114%	127%
1998	Wet	100%	66%	42%	2%	-23%	-29%	-23%	-3%	-35%	-14%	-25%	-6%
1999	Above Normal	11%	10%	3%	-10%	-13%	-19%	-7%	-20%	-24%	9%	67%	72%
2000	Above Normal	60%	51%	43%	11%	-11%	-22%	-17%	-34%	-34%	-6%	51%	71%
2001	Dry	56%	38%	30%	19%	18%	3%	0%	-24%	-10%	41%	108%	92%
2002	Dry	104%	99%	53%	23%	12%	18%	-4%	-16%	-9%	31%	102%	97%
2003	Below Normal	105%	61%	36%	12%	0%	4%	25%	3%	-15%	27%	87%	86%

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	482	500	559	626	718	688	570	740	1,084	1,037	827	673
1923	Above Normal	592	583	626	667	640	641	589	661	607	505	370	336
1924	Critical	346	359	360	359	342	344	384	386	303	229	203	227
1925	Below Normal	227	244	274	306	380	359	362	437	434	362	272	262
1926	Dry	284	300	318	330	363	363	451	565	503	348	243	248
1927	Above Normal	251	289	337	377	493	512	426	526	630	539	386	335
1928	Below Normal	342	406	432	450	460	513	527	598	522	368	277	274
1929	Critical	251	239	241	244	239	215	231	313	296	240	210	243
1930	Critical	219	201	203	214	228	212	278	286	304	235	207	242
1931	Critical	225	214	219	227	231	200	250	271	228	200	200	218
1932	Above Normal	221	219	281	352	506	516	409	454	577	537	386	334
1933	Dry	334	346	347	358	352	348	333	262	327	296	233	249
1934	Critical	249	246	279	318	342	380	467	448	352	257	227	238
1935	Above Normal	229	236	263	321	382	356	329	489	615	484	342	314
1936	Above Normal	326	346	352	378	537	605	571	722	699	553	392	338
1937	Wet	330	340	360	391	585	714	678	909	957	774	530	421
1938	Wet	401	407	586	672	826	983	1,046	1,132	1,331	1,331	1,294	1,115
1939	Dry	1,035	1,015	996	998	934	968	1,022	942	752	539	373	330
1940	Above Normal	321	302	290	393	483	553	513	682	699	519	354	318
1941	Wet	316	327	407	516	662	739	718	826	985	973	788	633
1942	Wet	570	563	618	712	727	739	710	768	941	883	684	564
1943	Wet	501	521	530	640	706	868	842	977	894	712	505	417
1944	Below Normal	390	395	394	401	405	414	365	429	423	352	274	276
1945	Above Normal	285	326	373	406	607	626	512	581	627	551	398	345
1946	Above Normal	379	447	554	621	632	645	607	726	678	523	368	329
1947	Dry	340	399	470	502	526	553	543	609	505	353	256	262
1948	Below Normal	256	254	258	264	256	200	204	293	360	285	233	257
1949	Below Normal	261	259	276	293	302	277	305	402	423	303	229	245
1950	Below Normal	262	269	285	323	388	366	406	480	470	353	250	256
1951	Above Normal	275	429	715	905	997	992	858	798	697	536	388	341
1952	Wet	324	316	365	487	539	570	588	857	1,066	1,039	889	738
1953	Below Normal	642	612	610	663	616	617	588	538	468	407	309	299
1954	Below Normal	288	281	284	300	334	344	385	509	481	365	262	249
1955	Dry	262	276	306	343	369	354	310	328	385	296	234	248
1956	Wet	249	248	540	798	979	1,051	991	996	1,108	1,062	907	753
1957	Below Normal	682	669	646	637	595	589	512	512	553	442	328	311
1958	Wet	317	320	350	376	446	487	529	775	944	906	744	616
1959	Dry	534	513	491	500	502	569	621	593	491	340	228	255
1960	Critical	255	244	242	248	271	260	344	378	341	255	224	240
1961	Critical	220	218	243	254	265	232	296	301	264	203	202	227
1962	Below Normal	232	241	270	298	465	436	398	485	565	497	364	325
1963	Above Normal	334	349	348	372	556	572	451	474	554	508	378	340
1964	Dry	349	408	436	451	441	439	428	427	386	281	231	245
1965	Wet	230	245	367	589	690	665	527	528	528	463	387	346
1966	Below Normal	347	436	496	544	555	595	639	698	589	409	293	289
1967	Wet	267	269	467	533	610	629	587	658	1,002	1,249	1,131	984
1968	Dry	880	856	843	846	806	837	843	809	658	462	321	298
1969	Wet	275	285	316	546	750	790	855	1,210	1,331	1,331	1,303	1,123
1970	Above Normal	1,037	1,014	1,013	1,138	1,111	1,152	1,048	1,012	905	692	496	413
1971	Below Normal	372	372	421	465	483	473	435	441	425	341	272	280
1972	Dry	289	299	346	376	400	454	423	428	389	269	203	246
1973	Above Normal	243	257	295	362	453	449	327	564	688	544	383	331
1974	Wet	344	425	502	627	659	742	661	765	813	628	431	355
1975	Wet	354	372	391	412	440	473	323	413	622	516	365	329
1976	Critical	362	396	409	413	411	441	462	451	340	233	203	245
1977	Critical	250	250	262	279	284	286	307	280	248	209	200	220
1978	Wet	220	220	297	451	632	750	734	879	1,215	1,330	1,207	1,158
1979	Above Normal	1,060	1,035	1,020	1,076	1,065	1,131	1,101	1,236	1,220	988	750	615
1980	Wet	544	547	540	771	958	1,073	1,031	1,069	1,180	1,256	1,103	928
1981	Dry	830	806	787	782	722	743	735	767	650	450	328	313
1982	Wet	294	335	379	474	596	661	864	1,064	1,205	1,203	1,077	998
1983	Wet	1,050	1,164	1,327	1,328	1,312	1,331	1,185	1,057	1,331	1,331	1,331	1,326
1984	Above Normal	1,271	1,331	1,323	1,331	1,331	1,331	1,292	1,316	1,222	1,025	829	694
1985	Dry	619	630	630	626	570	573	622	667	555	389	276	283
1986	Wet	276	289	341	413	696	977	1,017	1,152	1,273	1,159	952	796
1987	Critical	710	689	659	640	573	594	638	635	514	364	256	251
1988	Critical	245	256	271	315	331	324	380	394	343	256	224	244
1989	Critical	224	211	224	238	253	275	387	429	372	266	225	248
1990	Critical	244	241	252	270	281	274	365	354	298	240	220	234
1991	Critical	219	207	208	209	202	211	217	258	305	241	209	250
1992	Critical	236	233	248	266	309	303	407	453	353	263	227	242
1993	Wet	226	219	243	415	512	566	487	650	729	693	512	416
1994	Critical	401	398	399	408	408	442	478	493	429	306	230	243
1995	Wet	265	290	329	519	611	803	828	958	1,330	1,331	1,331	1,251
1996	Wet	1,141	1,103	1,107	1,144	1,236	1,331	1,313	1,331	1,331	1,221	997	824
1997	Wet	738	793	962	1,266	1,331	1,331	1,331	1,331	1,301	1,077	837	684
1998	Wet	588	584	580	636	775	849	871	827	1,181	1,331	1,326	1,191
1999	Above Normal	1,108	1,091	1,101	1,132	1,129	1,125	1,025	1,033	958	728	508	417
2000	Above Normal	389	379	372	418	478	538	529	662	673	491	344	317
2001	Dry	327	343	349	361	366	409	418	525	454	315	236	248
2002	Dry	237	240	291	345	373	357	422	473	445	331	239	243
2003	Below Normal	235	280	319	371	407	396	344	405	477	350	265	264

Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	482	500	559	626	718	688	570	740	1,084	1,037	827	673
1923	Above Normal	592	583	626	667	640	641	589	661	607	505	370	336
1924	Critical	346	359	360	359	342	344	384	386	303	229	203	227
1925	Below Normal	227	244	274	306	380	359	362	437	434	362	272	262
1926	Dry	284	300	318	330	363	363	451	565	503	348	243	248
1927	Above Normal	251	289	337	377	493	512	426	526	630	539	386	335
1928	Below Normal	342	406	432	450	460	513	527	598	522	368	277	274
1929	Critical	251	239	241	244	239	215	231	313	296	240	210	243
1930	Critical	219	201	203	214	228	212	278	286	304	235	207	242
1931	Critical	225	214	219	227	231	200	250	271	228	200	200	218
1932	Above Normal	221	219	281	352	506	516	409	454	577	537	386	334
1933	Dry	334	346	347	358	352	348	333	262	327	296	233	249
1934	Critical	249	246	279	318	342	380	467	448	352	257	227	238
1935	Above Normal	229	236	263	321	382	356	329	489	615	484	342	314
1936	Above Normal	326	346	352	378	537	605	571	722	699	553	392	338
1937	Wet	330	340	360	391	585	714	678	909	957	774	530	421
1938	Wet	401	407	586	672	826	983	1,046	1,132	1,331	1,331	1,294	1,115
1939	Dry	1,035	1,015	996	998	934	968	1,022	942	752	539	373	330
1940	Above Normal	321	302	290	393	483	553	513	682	699	519	354	318
1941	Wet	316	327	407	516	662	739	718	826	985	973	788	633
1942	Wet	570	563	618	712	727	739	710	768	941	883	684	564
1943	Wet	501	521	530	640	706	868	842	977	894	712	505	417
1944	Below Normal	390	395	394	401	405	414	365	429	423	352	274	276
1945	Above Normal	285	326	373	406	607	626	512	581	627	551	398	345
1946	Above Normal	379	447	554	621	632	645	607	726	678	523	368	329
1947	Dry	340	399	470	502	526	553	543	609	505	353	256	262
1948	Below Normal	256	254	258	264	256	200	204	293	360	285	233	257
1949	Below Normal	261	259	276	293	302	277	305	402	423	303	229	245
1950	Below Normal	262	269	285	323	388	366	406	480	470	353	250	256
1951	Above Normal	275	429	715	905	997	992	858	798	697	536	388	341
1952	Wet	324	316	365	487	539	570	588	857	1,066	1,039	889	738
1953	Below Normal	642	612	610	663	616	617	588	538	468	407	309	299
1954	Below Normal	288	281	284	300	334	344	385	509	481	365	262	249
1955	Dry	262	276	306	343	369	354	310	328	385	296	234	248
1956	Wet	249	248	540	798	979	1,051	991	996	1,108	1,062	907	753
1957	Below Normal	682	669	646	637	595	589	512	512	553	442	328	311
1958	Wet	317	320	350	376	446	487	529	775	944	906	744	616
1959	Dry	534	513	491	500	502	569	621	593	491	340	228	255
1960	Critical	255	244	242	248	271	260	344	378	341	255	224	240
1961	Critical	220	218	243	254	265	232	296	301	264	203	202	227
1962	Below Normal	232	241	270	298	465	436	398	485	565	497	364	325
1963	Above Normal	334	349	348	372	556	572	451	474	554	508	378	340
1964	Dry	349	408	436	451	441	439	428	427	386	281	231	245
1965	Wet	230	245	367	589	690	665	527	528	528	463	387	346
1966	Below Normal	347	436	496	544	555	595	639	698	589	409	293	289
1967	Wet	267	269	467	533	610	629	587	658	1,002	1,249	1,131	984
1968	Dry	880	856	843	846	806	837	843	809	658	462	321	298
1969	Wet	275	285	316	546	750	790	855	1,210	1,331	1,331	1,303	1,123
1970	Above Normal	1,037	1,014	1,013	1,138	1,111	1,152	1,048	1,012	905	692	496	413
1971	Below Normal	372	372	421	465	483	473	435	441	425	341	272	280
1972	Dry	289	299	346	376	400	454	423	428	389	269	203	246
1973	Above Normal	243	257	295	362	453	449	327	564	688	544	383	331
1974	Wet	344	425	502	627	659	742	661	765	813	628	431	355
1975	Wet	354	372	391	412	440	473	323	413	622	516	365	329
1976	Critical	362	396	409	413	411	441	462	451	340	233	203	245
1977	Critical	250	250	262	279	284	286	307	280	248	209	200	220
1978	Wet	220	220	297	451	632	750	734	879	1,215	1,330	1,207	1,158
1979	Above Normal	1,060	1,035	1,020	1,076	1,065	1,131	1,101	1,236	1,220	988	750	615
1980	Wet	544	547	540	771	958	1,073	1,031	1,069	1,180	1,256	1,103	928
1981	Dry	830	806	787	782	722	743	735	767	650	450	328	313
1982	Wet	294	335	379	474	596	661	864	1,064	1,205	1,203	1,077	998
1983	Wet	1,050	1,164	1,327	1,328	1,312	1,331	1,185	1,057	1,331	1,331	1,331	1,326
1984	Above Normal	1,271	1,331	1,323	1,331	1,331	1,331	1,292	1,316	1,222	1,025	829	694
1985	Dry	619	630	630	626	570	573	622	667	555	389	276	283
1986	Wet	276	289	341	413	696	977	1,017	1,152	1,273	1,159	952	796
1987	Critical	710	689	659	640	573	594	638	635	514	364	256	251
1988	Critical	245	256	271	315	331	324	380	394	343	256	224	244
1989	Critical	224	211	224	238	253	275	387	429	372	266	225	248
1990	Critical	244	241	252	270	281	274	365	354	298	240	220	234
1991	Critical	219	207	208	209	202	211	217	258	305	241	209	250
1992	Critical	236	233	248	266	309	303	407	453	353	263	227	242
1993	Wet	226	219	243	415	512	566	487	650	729	693	512	416
1994	Critical	401	398	399	408	408	442	478	493	429	306	230	243
1995	Wet	265	290	329	519	611	803	828	958	1,330	1,331	1,331	1,251
1996	Wet	1,141	1,103	1,107	1,144	1,236	1,331	1,313	1,331	1,331	1,221	997	824
1997	Wet	738	793	962	1,266	1,331	1,331	1,331	1,331	1,301	1,077	837	684
1998	Wet	588	584	580	636	775	849	871	827	1,181	1,331	1,326	1,191
1999	Above Normal	1,108	1,091	1,101	1,132	1,129	1,125	1,025	1,033	958	728	508	417
2000	Above Normal	389	379	372	418	478	538	529	662	673	491	344	317
2001	Dry	327	343	349	361	366	409	418	525	454	315	236	248
2002	Dry	237	240	291	345	373	357	422	473	445	331	239	243
2003	Below Normal	235	280	319	371	407	396	344	405	477	350	265	264

Percent Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1937	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1938	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1939	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1941	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1942	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1943	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1945	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1946	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1952	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1959	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1966	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1967	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1970	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1974	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1979	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1980	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1982	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1983	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1984	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1986	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1996	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1997	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,246	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,513
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,099	2,247	2,199	2,109	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,672	1,960	2,018	1,937	1,887
1968	Dry	1,830	1,839	1,851	1,869	1,926	1,971	1,860	1,759	1,698	1,613	1,530	1,482
1969	Wet	1,449	1,472	1,479	1,775	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,252	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,512
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,102	2,250	2,202	2,112	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,675	1,963	2,021	1,940	1,890
1968	Dry	1,834	1,843	1,854	1,873	1,930	1,974	1,863	1,763	1,701	1,616	1,532	1,485
1969	Wet	1,452	1,474	1,481	1,778	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	6	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	3	3	3	3	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	3	3	3	3	3
1968	Dry	3	3	3	3	3	3	3	3	3	3	3	3
1969	Wet	3	3	3	3	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,341	1,531	1,254	814	697	536	488	676
1923	Below Normal	780	954	1,211	1,317	1,405	1,410	1,189	791	473	447	466	710
1924	Critical	856	1,018	1,205	1,481	1,575	1,483	1,353	1,160	829	774	526	482
1925	Dry	651	821	1,221	1,570	1,753	1,894	1,688	1,279	864	773	522	677
1926	Dry	738	891	1,088	1,373	1,419	1,293	1,169	861	596	609	409	504
1927	Wet	528	1,002	1,311	1,524	1,779	1,836	1,516	1,046	677	624	647	837
1928	Above Normal	849	833	1,285	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	583	533	831	1,049	1,214	1,361	1,307	1,079	750	485	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	825	854	706	910
1931	Critical	972	1,100	1,268	1,599	1,811	1,778	1,614	1,378	1,016	791	506	429
1932	Dry	490	628	1,270	1,633	2,011	2,013	1,855	1,586	1,314	1,076	1,091	1,197
1933	Critical	1,290	1,407	1,678	2,018	2,039	2,039	1,921	1,685	1,296	1,049	976	960
1934	Critical	986	1,092	1,344	1,687	1,897	1,875	1,694	1,459	1,064	649	525	550
1935	Below Normal	550	739	1,116	1,482	1,708	1,825	1,581	1,161	833	768	686	877
1936	Below Normal	1,036	1,192	1,453	1,579	1,961	2,039	1,788	1,359	998	932	847	1,036
1937	Below Normal	1,183	1,267	1,660	1,935	2,039	2,039	1,811	1,462	1,162	1,000	839	783
1938	Wet	798	1,128	1,411	1,725	1,941	2,039	1,853	1,858	1,714	1,452	1,214	1,252
1939	Dry	1,194	877	1,196	1,329	1,385	1,334	1,084	719	255	211	100	149
1940	Above Normal	198	334	430	665	936	1,303	1,085	665	337	194	183	361
1941	Wet	385	384	709	1,046	1,514	1,862	1,548	1,156	836	651	568	681
1942	Wet	617	627	850	1,079	1,263	1,406	1,139	736	496	323	320	489
1943	Wet	534	626	887	1,192	1,417	1,814	1,490	1,020	582	335	211	316
1944	Dry	245	330	635	854	1,058	1,145	977	673	365	436	330	302
1945	Below Normal	379	882	1,222	1,554	1,900	2,039	1,709	1,203	687	571	548	723
1946	Below Normal	904	1,272	1,609	1,771	1,830	1,836	1,524	1,077	619	555	572	775
1947	Dry	968	1,223	1,554	1,781	1,928	1,857	1,510	1,033	530	492	206	383
1948	Below Normal	476	652	730	802	684	815	634	368	238	228	295	525
1949	Dry	653	822	1,158	1,457	1,702	1,730	1,401	940	400	274	100	293
1950	Below Normal	243	417	619	766	907	1,137	901	543	354	322	344	571
1951	Above Normal	828	1,268	1,856	2,039	2,039	2,039	1,732	1,247	828	608	576	764
1952	Wet	785	988	1,203	1,440	1,539	1,861	1,639	1,304	1,154	839	640	731
1953	Wet	648	539	904	913	986	1,159	942	582	269	250	324	567
1954	Above Normal	518	585	941	1,086	1,141	1,307	1,054	653	305	123	178	410
1955	Dry	438	676	1,205	1,538	1,764	1,824	1,605	1,248	694	725	502	504
1956	Wet	514	790	1,290	1,857	2,039	2,039	1,694	1,166	838	634	566	693
1957	Above Normal	664	687	1,073	1,219	1,143	1,196	962	580	207	126	185	366
1958	Wet	713	913	1,176	1,396	1,552	1,846	1,603	1,161	932	580	348	414
1959	Below Normal	388	379	684	718	781	959	772	441	208	200	271	470
1960	Dry	534	643	810	1,120	1,266	1,368	1,067	707	265	194	100	281
1961	Dry	222	437	926	1,230	1,324	1,531	1,275	899	287	234	100	184
1962	Below Normal	205	343	456	728	949	1,180	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,532	1,619	1,346	926	586	575	633	869
1964	Dry	921	1,206	1,584	1,809	1,765	1,721	1,424	1,014	433	452	178	354
1965	Wet	355	478	741	1,121	1,308	1,484	1,248	767	403	259	284	471
1966	Below Normal	413	721	1,213	1,363	1,436	1,464	1,209	807	341	309	359	603
1967	Wet	698	920	1,253	1,581	1,680	1,777	1,513	1,108	971	768	533	593
1968	Below Normal	589	384	723	896	855	1,019	823	489	225	206	272	466
1969	Wet	544	805	1,339	1,654	2,039	2,039	2,039	2,039	1,924	1,756	1,499	1,502
1970	Wet	1,522	1,216	1,371	1,801	1,972	2,039	1,696	1,216	704	592	599	681
1971	Wet	690	866	1,087	1,158	1,168	1,295	1,077	707	396	415	512	745
1972	Below Normal	810	765	1,292	1,529	1,454	1,400	1,155	760	299	275	346	582
1973	Above Normal	722	1,166	1,446	1,683	1,834	1,945	1,637	1,153	785	700	690	791
1974	Wet	877	1,258	1,527	1,741	1,810	1,914	1,520	991	636	439	432	590
1975	Wet	708	711	1,133	1,227	1,264	1,459	1,120	630	348	262	321	512
1976	Critical	705	658	1,097	1,285	1,425	1,552	1,382	1,073	571	464	263	339
1977	Critical	306	382	483	692	865	797	687	599	423	266	337	281
1978	Above Normal	285	316	452	752	1,203	1,471	1,312	1,050	888	726	615	771
1979	Below Normal	790	771	1,192	1,438	1,715	1,897	1,570	1,147	760	706	724	850
1980	Above Normal	1,033	1,154	1,596	1,934	2,039	2,039	1,744	1,263	918	681	502	519
1981	Dry	469	379	713	911	1,038	1,087	898	547	253	206	104	199
1982	Wet	318	748	1,007	1,255	1,679	1,991	2,024	1,673	1,385	1,051	821	891
1983	Wet	1,161	1,488	1,886	2,039	2,039	2,039	2,039	2,039	2,038	1,887	1,708	1,820
1984	Wet	1,978	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,880	2,039	1,795	1,371	1,105	904	748	624
1987	Dry	527	361	663	888	1,061	1,185	1,031	869	634	460	212	245
1988	Critical	338	490	811	1,039	1,026	1,034	971	826	536	624	607	550
1989	Dry	542	838	1,120	1,468	1,513	1,504	1,241	825	442	367	143	308
1990	Critical	361	414	653	892	993	943	788	601	247	453	328	259
1991	Critical	270	383	530	620	724	742	681	531	384	526	376	320
1992	Critical	395	485	666	779	897	1,049	915	710	486	278	203	123
1993	Above Normal	102	212	562	890	1,098	1,224	896	449	277	174	237	436
1994	Critical	519	533	980	1,202	1,371	1,392	1,135	763	190	107	100	100
1995	Wet	100	239	391	652	823	1,321	1,056	1,097	953	799	627	727
1996	Wet	520	379	510	612	1,056	1,432	1,110	708	359	251	318	513
1997	Wet	411	504	1,000	1,473	1,850	2,039	1,635	1,080	611	344	277	423
1998	Wet	350	216	620	735	1,110	1,439	1,239	925	871	774	653	802
1999	Wet	1,085	1,399	1,551	1,665	1,790	1,935	1,634	1,167	798	745	768	687
2000	Above Normal	613	646	1,050	1,110	1,350	1,639	1,337	893	539	333	354	569
2001	Dry	561	615	1,071	1,342	1,502	1,643	1,469	1,156	796	734	400	437
2002	Dry	459	706	1,076	1,313	1,539	1,618	1,278	822	344	333	136	262
2003	Above Normal	279	461	633	809	1,032	1,192	929	545	336	271	314	497

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,339	1,529	1,252	812	675	514	487	675
1923	Below Normal	779	953	1,211	1,311	1,394	1,401	1,181	784	468	443	463	708
1924	Critical	854	1,016	1,204	1,482	1,576	1,485	1,355	1,161	830	775	527	483
1925	Dry	652	822	1,221	1,570	1,753	1,895	1,689	1,280	864	772	521	676
1926	Dry	737	891	1,087	1,372	1,417	1,292	1,168	861	596	610	410	503
1927	Wet	528	1,002	1,311	1,524	1,779	1,837	1,516	1,047	677	624	647	836
1928	Above Normal	849	833	1,284	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	582	532	830	1,049	1,214	1,361	1,307	1,078	749	484	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	826	855	706	911
1931	Critical	973	1,100	1,268	1,600	1,811	1,778	1,615	1,378	1,017	791	506	430
1932	Dry	490	628	1,270	1,633	2,011	2,007	1,850	1,580	1,308	1,071	1,086	1,192
1933	Critical	1,285	1,402	1,673	2,013	2,039	2,039	1,921	1,685	1,296	1,049	975	960
1934	Critical	986	1,091	1,343	1,686	1,897	1,874	1,693	1,458	1,063	649	516	541
1935	Below Normal	542	731	1,108	1,474	1,700	1,818	1,575	1,157	828	762	680	870
1936	Below Normal	1,028	1,185	1,443	1,572	1,956	2,039	1,788	1,359	998	932	847	1,036
1937	Below Normal	1,183	1,267	1,660	1,935	2,039	2,039	1,795	1,432	1,086	924	763	708
1938	Wet	718	1,047	1,331	1,645	1,862	2,039	1,799	1,483	1,333	1,054	815	853
1939	Dry	800	491	815	938	1,001	974	797	484	177	173	100	145
1940	Above Normal	205	344	441	683	960	1,325	1,106	682	347	197	181	365
1941	Wet	388	397	720	1,056	1,513	1,848	1,536	1,092	776	594	541	656
1942	Wet	599	630	854	1,084	1,255	1,400	1,133	731	493	322	320	489
1943	Wet	534	626	887	1,170	1,382	1,773	1,452	985	552	320	200	305
1944	Dry	236	331	624	849	1,059	1,147	979	674	365	429	326	298
1945	Below Normal	375	878	1,218	1,549	1,835	2,024	1,696	1,191	679	567	547	723
1946	Below Normal	904	1,272	1,606	1,760	1,819	1,827	1,517	1,071	613	546	563	774
1947	Dry	965	1,222	1,555	1,785	1,928	1,863	1,515	1,036	532	492	207	382
1948	Below Normal	469	644	722	797	684	816	635	368	238	227	294	524
1949	Dry	652	820	1,154	1,453	1,698	1,726	1,399	939	399	273	100	293
1950	Below Normal	243	417	619	766	908	1,138	902	543	355	322	344	571
1951	Above Normal	829	1,269	1,817	2,039	2,039	2,039	1,732	1,246	827	607	575	765
1952	Wet	786	989	1,204	1,436	1,534	1,788	1,521	1,225	1,107	855	719	857
1953	Wet	816	858	1,263	1,208	1,226	1,317	1,095	724	312	305	388	638
1954	Above Normal	593	659	1,034	1,172	1,186	1,339	1,086	684	323	133	190	425
1955	Dry	451	694	1,224	1,558	1,783	1,841	1,618	1,255	695	719	489	501
1956	Wet	491	763	1,196	1,785	2,039	2,039	1,694	1,165	836	631	562	689
1957	Above Normal	659	682	1,067	1,213	1,137	1,193	960	578	207	126	185	366
1958	Wet	711	912	1,174	1,394	1,550	1,844	1,546	1,049	790	456	239	310
1959	Below Normal	289	379	687	725	795	971	783	450	214	201	270	472
1960	Dry	535	643	808	1,118	1,263	1,365	1,064	704	262	191	100	281
1961	Dry	221	436	926	1,230	1,323	1,531	1,274	899	287	234	100	184
1962	Below Normal	205	344	456	728	949	1,181	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,527	1,614	1,342	923	584	574	633	870
1964	Dry	922	1,207	1,585	1,810	1,767	1,723	1,425	1,015	434	452	178	354
1965	Wet	355	478	741	1,110	1,268	1,446	1,212	734	375	237	284	472
1966	Below Normal	415	721	1,213	1,361	1,435	1,463	1,209	806	341	309	359	603
1967	Wet	698	920	1,253	1,582	1,673	1,770	1,463	1,048	904	624	391	458
1968	Below Normal	443	379	705	886	855	1,023	825	491	225	205	269	463
1969	Wet	541	801	1,334	1,599	2,039	2,039	1,896	1,936	1,821	1,673	1,447	1,467
1970	Wet	1,480	1,173	1,328	1,759	1,931	2,039	1,678	1,201	691	582	592	691
1971	Wet	702	877	1,099	1,171	1,181	1,303	1,083	713	403	424	523	756
1972	Below Normal	821	775	1,301	1,534	1,458	1,403	1,158	762	301	277	348	583
1973	Above Normal	723	1,167	1,446	1,683	1,834	1,945	1,636	1,153	762	678	668	791
1974	Wet	877	1,258	1,527	1,712	1,778	1,881	1,492	968	608	421	432	592
1975	Wet	712	713	1,136	1,231	1,270	1,464	1,124	634	351	264	322	513
1976	Critical	706	660	1,100	1,287	1,426	1,553	1,383	1,073	570	462	262	338
1977	Critical	304	380	483	692	864	797	687	599	423	266	334	277
1978	Above Normal	283	314	449	749	1,134	1,380	1,212	928	663	419	350	515
1979	Below Normal	543	701	1,069	1,331	1,621	1,804	1,499	1,104	758	738	793	937
1980	Above Normal	1,121	1,318	1,774	2,039	2,039	2,039	1,801	1,365	1,055	878	762	803
1981	Dry	797	714	1,109	1,272	1,311	1,297	1,091	713	253	199	103	205
1982	Wet	328	759	1,017	1,258	1,661	1,971	2,024	1,636	1,285	951	722	793
1983	Wet	1,007	1,334	1,742	2,039	2,039	2,039	2,039	2,039	2,039	1,888	1,709	1,822
1984	Wet	1,980	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,799	2,039	1,778	1,354	1,064	861	705	581
1987	Dry	483	344	645	871	1,044	1,168	1,014	853	619	451	217	250
1988	Critical	342	495	816	1,044	1,032	1,039	977	831	539	622	604	546
1989	Dry	538	833	1,115	1,463	1,508	1,499	1,238	823	440	365	147	305
1990	Critical	357	408	646	888	990	939	784	596	240	446	257	251
1991	Critical	259	371	518	607	710	728	667	518	371	514	366	311
1992	Critical	385	477	657	767	885	1,037	905	702	482	276	204	124
1993	Above Normal	102	212	565	894	1,102	1,221	892	446	274	173	239	439
1994	Critical	522	535	985	1,208	1,377	1,396	1,140	767	192	107	100	100
1995	Wet	100	239	391	651	800	1,264	983	700	517	410	253	356
1996	Wet	235	379	513	621	1,072	1,380	1,064	670	334	240	318	516
1997	Wet	411	504	993	1,470	1,851	2,039	1,635	1,080	608	336	276	422
1998	Wet	350	215	619	734	1,084	1,411	1,199	880	836	750	639	791
1999	Wet	1,077	1,395	1,549	1,666	1,794	1,939	1,637	1,169	800	746	768	687
2000	Above Normal	613	646	1,050	1,110	1,342	1,631	1,330	887	534	326	346	562
2001	Dry	555	609	1,064	1,337	1,499	1,641	1,466	1,153	793	736	398	436
2002	Dry	457	705	1,074	1,310	1,537	1,616	1,276	821	343	332	136	265
2003	Above Normal	278	461	633	808	1,031	1,192	929	545	335	271	314	497

Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	-1	-2	-2	-2	-22	-22	-1	-1
1923	Below Normal	-1	0	0	-7	-11	-9	-8	-7	-5	-3	-3	-2
1924	Critical	-2	-1	0	1	2	2	2	1	1	1	1	1
1925	Dry	1	0	0	0	0	1	1	1	0	0	-1	-1
1926	Dry	-1	-1	-1	-1	-1	-1	-1	-1	0	1	1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	-1	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	1
1931	Critical	1	1	1	1	1	1	1	1	1	0	0	0
1932	Dry	1	0	0	0	0	-6	-6	-6	-6	-5	-5	-5
1933	Critical	-5	-5	-5	-5	0	0	0	0	0	-1	-1	-1
1934	Critical	-1	-1	-1	-1	-1	-1	-1	-1	0	0	-9	-9
1935	Below Normal	-8	-8	-8	-8	-8	-7	-6	-4	-5	-6	-7	-6
1936	Below Normal	-8	-7	-9	-7	-5	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	-17	-30	-76	-76	-76	-75
1938	Wet	-80	-80	-80	-80	-78	0	-54	-375	-381	-398	-398	-399
1939	Dry	-394	-385	-381	-391	-384	-360	-287	-235	-79	-38	0	-4
1940	Above Normal	7	10	10	17	24	23	20	17	11	3	-2	3
1941	Wet	3	13	12	10	-1	-14	-12	-64	-61	-57	-27	-26
1942	Wet	-18	3	4	5	-8	-7	-6	-5	-3	-1	0	0
1943	Wet	1	0	0	-23	-34	-40	-38	-35	-30	-15	-11	-11
1944	Dry	-9	1	-12	-5	1	2	2	1	0	-6	-4	-3
1945	Below Normal	-4	-4	-4	-5	-65	-15	-13	-11	-8	-4	-1	0
1946	Below Normal	0	1	-3	-11	-11	-10	-8	-6	-7	-8	-9	-1
1947	Dry	-3	-2	1	4	0	6	5	4	2	-1	1	-1
1948	Below Normal	-7	-8	-9	-5	-1	1	1	0	0	-1	-1	-1
1949	Dry	-1	-2	-4	-4	-4	-4	-2	-1	-1	-1	0	0
1950	Below Normal	0	0	0	0	1	1	1	1	0	0	0	0
1951	Above Normal	0	0	-39	0	0	0	0	0	-1	-1	-1	1
1952	Wet	1	1	1	-4	-5	-73	-119	-79	-47	16	79	125
1953	Wet	168	320	359	295	240	158	153	143	42	55	64	72
1954	Above Normal	75	75	93	86	45	33	33	31	18	10	12	15
1955	Dry	13	18	20	20	19	16	13	8	1	-7	-14	-2
1956	Wet	-24	-27	-94	-72	0	0	-1	-1	-2	-3	-4	-4
1957	Above Normal	-5	-5	-6	-6	-6	-3	-2	-2	0	0	0	-1
1958	Wet	-1	-2	-2	-2	-2	-1	-56	-112	-143	-124	-109	-104
1959	Below Normal	-98	0	3	8	14	12	11	9	6	2	-1	2
1960	Dry	1	0	-1	-2	-3	-3	-3	-3	-3	-2	0	0
1961	Dry	-1	0	0	0	0	0	0	0	0	-1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	-5	-4	-4	-3	-2	-1	0	1
1964	Dry	1	1	1	1	2	1	1	1	1	1	1	1
1965	Wet	0	0	0	-11	-40	-38	-36	-33	-28	-23	0	1
1966	Below Normal	2	0	1	-1	-1	-1	-1	-1	0	0	0	0
1967	Wet	0	0	0	0	-7	-7	-50	-60	-67	-143	-142	-134
1968	Below Normal	-145	-5	-19	-10	1	3	3	2	0	-1	-2	-3
1969	Wet	-3	-4	-4	-55	0	0	-143	-103	-103	-83	-53	-35
1970	Wet	-43	-43	-43	-42	-41	0	-17	-15	-12	-10	-7	10
1971	Wet	11	11	13	12	12	8	7	6	8	10	11	11
1972	Below Normal	11	10	9	5	4	3	2	2	2	2	2	1
1973	Above Normal	1	1	0	0	0	0	0	0	-22	-22	-22	0
1974	Wet	0	0	0	-29	-32	-33	-29	-24	-28	-18	-1	2
1975	Wet	4	1	3	4	6	5	4	4	3	2	1	1
1976	Critical	1	2	2	2	1	1	1	0	-1	-1	-1	-2
1977	Critical	-2	-3	0	0	0	0	0	0	0	0	-4	-4
1978	Above Normal	-2	-2	-3	-3	-69	-91	-100	-122	-225	-308	-265	-257
1979	Below Normal	-247	-70	-123	-107	-94	-93	-72	-43	-3	32	69	87
1980	Above Normal	88	164	178	105	0	0	57	101	138	197	260	285
1981	Dry	328	335	396	362	273	211	193	166	0	-6	-1	6
1982	Wet	11	12	10	3	-18	-20	0	-37	-100	-99	-99	-98
1983	Wet	-154	-154	-144	0	0	0	0	0	1	1	1	2
1984	Wet	2	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-80	0	-16	-17	-42	-42	-43	-43
1987	Dry	-44	-17	-17	-17	-17	-17	-16	-16	-14	-9	4	4
1988	Critical	4	5	5	5	6	6	6	5	3	-2	-3	-4
1989	Dry	-4	-5	-5	-5	-5	-5	-3	-2	-2	-2	4	-3
1990	Critical	-4	-6	-7	-5	-3	-3	-4	-5	-6	-8	-72	-8
1991	Critical	-12	-12	-12	-14	-13	-14	-13	-13	-13	-12	-10	-10
1992	Critical	-10	-9	-9	-12	-12	-12	-10	-7	-3	-2	0	1
1993	Above Normal	0	0	3	5	4	-4	-4	-3	-3	0	2	3
1994	Critical	3	2	6	5	5	5	5	5	1	0	0	0
1995	Wet	0	0	0	-1	-23	-57	-73	-397	-436	-389	-374	-371
1996	Wet	-286	0	3	9	16	-52	-46	-38	-25	-10	-1	4
1997	Wet	0	0	-7	-3	1	0	0	0	-3	-8	-1	-1
1998	Wet	-1	-1	-1	-1	-26	-28	-40	-45	-36	-24	-15	-11
1999	Wet	-8	-3	-2	1	4	4	3	3	2	1	0	0
2000	Above Normal	0	0	0	0	-8	-8	-6	-6	-6	-7	-7	-7
2001	Dry	-7	-6	-7	-5	-3	-2	-3	-3	-3	1	-1	-1
2002	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	4
2003	Above Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0

Percent Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-4%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%
1935	Below Normal	-2%	-1%	-1%	-1%	0%	0%	0%	0%	-1%	-1%	-1%	-1%
1936	Below Normal	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	-7%	-8%	-9%	-10%
1938	Wet	-10%	-7%	-6%	-5%	-4%	0%	-3%	-20%	-22%	-27%	-33%	-32%
1939	Dry	-33%	-44%	-32%	-29%	-28%	-27%	-26%	-33%	-31%	-18%	0%	-2%
1940	Above Normal	4%	3%	2%	3%	3%	2%	2%	3%	3%	2%	-1%	1%
1941	Wet	1%	3%	2%	1%	0%	-1%	-1%	-6%	-7%	-9%	-5%	-4%
1942	Wet	-3%	0%	0%	0%	-1%	0%	-1%	-1%	-1%	0%	0%	0%
1943	Wet	0%	0%	0%	-2%	-2%	-2%	-3%	-3%	-5%	-5%	-5%	-3%
1944	Dry	-4%	0%	-2%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	-1%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%	0%	0%
1946	Below Normal	0%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-2%	-2%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-4%	-7%	-6%	-4%	2%	12%	17%
1953	Wet	26%	59%	40%	32%	24%	14%	16%	25%	16%	22%	20%	13%
1954	Above Normal	14%	13%	10%	8%	4%	2%	3%	5%	6%	8%	7%	4%
1955	Dry	3%	3%	2%	1%	1%	1%	1%	1%	0%	-1%	-3%	0%
1956	Wet	-5%	-3%	-7%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%
1957	Above Normal	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	-10%	-15%	-21%	-31%	-25%
1959	Below Normal	-25%	0%	0%	1%	2%	1%	1%	2%	3%	1%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	-3%	-3%	-3%	-4%	-7%	-9%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	-5%	-7%	-19%	-27%	-23%
1968	Below Normal	-25%	-1%	-3%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1969	Wet	-1%	0%	0%	-3%	0%	0%	-7%	-5%	-5%	-5%	-4%	-2%
1970	Wet	-3%	-4%	-3%	-2%	-2%	0%	-1%	-1%	-2%	-2%	-1%	1%
1971	Wet	2%	1%	1%	1%	1%	1%	1%	1%	2%	2%	2%	1%
1972	Below Normal	1%	1%	1%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	0%
1974	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-4%	-4%	0%	0%
1975	Wet	1%	0%	0%	0%	1%	0%	0%	1%	1%	1%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1978	Above Normal	-1%	-1%	-1%	0%	-6%	-6%	-8%	-12%	-25%	-42%	-43%	-33%
1979	Below Normal	-31%	-9%	-10%	-7%	-6%	-5%	-5%	-4%	0%	5%	10%	10%
1980	Above Normal	9%	14%	11%	5%	0%	0%	3%	8%	15%	29%	52%	55%
1981	Dry	70%	89%	55%	40%	26%	19%	22%	30%	0%	-3%	-1%	3%
1982	Wet	3%	2%	1%	0%	-1%	-1%	0%	-2%	-7%	-9%	-12%	-11%
1983	Wet	-13%	-10%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-4%	0%	-1%	-1%	-4%	-5%	-6%	-7%
1987	Dry	-8%	-5%	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-2%	2%	2%
1988	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	3%	-1%
1990	Critical	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-3%	-2%	-22%	-3%
1991	Critical	-4%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-3%	-2%	-3%	-3%
1992	Critical	-3%	-2%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	0%	1%
1993	Above Normal	0%	0%	1%	1%	0%	0%	0%	-1%	-1%	0%	1%	1%
1994	Critical	1%	0%	1%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-3%	-4%	-7%	-36%	-46%	-49%	-60%	-51%
1996	Wet	-55%	0%	1%	2%	2%	-4%	-4%	-5%	-7%	-4%	0%	1%
1997	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	-2%	-2%	-3%	-5%	-4%	-3%	-2%	-1%
1999	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-1%	0%	0%	-1%	-1%	-2%	-2%	-1%
2001	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Friant-Kern Canal Diversions (Node D18A)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	963	3,099	3,528	4,436	3,653	3,199	1,789	626	161	107	682	1,305
1923	Above Normal	816	1,652	2,074	2,951	3,102	2,719	1,526	541	146	93	93	690
1924	Critical	247	312	437	918	1,141	707	428	318	149	16	16	167
1925	Below Normal	616	1,122	1,556	2,269	2,382	2,155	1,156	422	126	73	73	413
1926	Dry	570	1,037	1,435	2,090	2,195	1,987	1,069	393	121	68	68	382
1927	Above Normal	891	1,744	2,208	4,017	3,289	2,882	1,615	570	151	98	98	731
1928	Below Normal	638	1,163	1,613	2,351	2,468	2,232	1,195	434	128	75	75	427
1929	Critical	368	463	657	1,425	1,780	1,075	630	466	200	16	16	249
1930	Critical	359	452	640	1,386	1,730	1,046	615	454	196	16	16	242
1931	Critical	161	207	284	568	702	419	288	217	114	16	16	193
1932	Above Normal	899	1,811	2,292	3,263	3,429	3,004	1,682	591	155	101	101	789
1933	Dry	580	1,055	1,463	2,134	2,241	2,028	1,090	400	122	69	69	389
1934	Critical	327	412	581	1,248	1,557	946	560	414	182	16	16	220
1935	Above Normal	802	1,624	2,041	2,905	3,053	2,676	1,503	534	145	92	92	471
1936	Above Normal	1,169	1,639	3,262	3,283	3,130	2,743	1,539	545	147	94	94	390
1937	Wet	508	1,356	1,911	4,121	3,070	2,691	1,511	536	146	430	1,263	1,907
1938	Wet	326	782	1,687	4,462	4,487	3,580	2,208	897	278	220	220	1,024
1939	Dry	785	1,925	1,376	2,002	2,103	1,904	1,026	380	119	66	66	353
1940	Above Normal	795	1,567	2,217	3,397	2,873	2,519	1,417	506	140	87	87	573
1941	Wet	1,541	3,075	2,485	4,362	3,777	3,391	2,093	852	266	209	541	1,926
1942	Wet	957	1,886	3,466	4,396	3,621	3,172	1,774	625	160	106	102	2,033
1943	Wet	508	1,464	3,184	3,250	3,203	2,807	1,574	557	149	95	95	712
1944	Below Normal	624	1,137	1,577	2,301	2,416	2,186	1,171	427	127	74	74	390
1945	Above Normal	932	1,855	2,360	3,433	3,548	3,107	1,739	610	158	595	1,218	986
1946	Above Normal	778	1,574	2,201	2,774	2,916	2,557	1,437	512	141	88	88	826
1947	Dry	602	1,096	1,519	2,213	2,323	2,103	1,128	413	124	72	72	389
1948	Below Normal	389	588	838	1,840	2,302	1,376	797	586	241	16	16	316
1949	Below Normal	541	983	1,362	1,985	2,085	1,888	1,017	377	118	66	66	363
1950	Below Normal	601	1,095	1,518	2,212	2,323	2,102	1,128	413	122	1,271	1,271	1,603
1951	Above Normal	631	1,150	1,594	2,325	2,441	2,208	1,183	430	127	74	74	832
1952	Wet	706	1,735	1,742	4,450	3,792	3,405	2,101	856	267	210	508	1,100
1953	Below Normal	680	1,371	1,722	2,448	2,638	2,322	1,274	460	132	79	79	455
1954	Below Normal	576	1,048	1,452	2,116	2,222	2,011	1,081	397	122	69	69	386
1955	Dry	566	1,030	1,428	2,082	2,186	1,979	1,065	392	121	68	68	1,567
1956	Wet	1,725	1,984	2,538	4,236	3,851	3,372	1,883	656	166	112	112	885
1957	Below Normal	677	1,365	1,714	2,437	2,626	2,312	1,269	458	132	79	79	453
1958	Wet	921	1,609	2,435	4,448	3,774	3,389	2,091	852	266	209	209	889
1959	Dry	583	1,128	1,461	2,128	2,235	2,023	1,087	399	122	69	69	375
1960	Critical	345	435	616	1,328	1,658	1,005	592	438	190	16	16	233
1961	Critical	256	325	456	962	1,197	739	445	331	153	16	16	174
1962	Below Normal	848	1,719	2,158	3,073	3,229	2,830	1,587	561	150	96	96	1,478
1963	Above Normal	919	1,865	2,343	3,337	3,507	3,072	1,719	603	157	103	103	779
1964	Dry	520	943	1,305	1,901	1,997	1,809	977	364	116	63	1,207	1,549
1965	Wet	882	1,789	2,247	3,200	3,363	2,946	1,650	581	153	100	567	987
1966	Below Normal	676	1,348	2,446	2,340	2,456	2,222	1,190	433	128	70	119	1,614
1967	Wet	2,338	1,115	1,554	4,204	4,482	3,626	2,520	1,720	551	484	484	1,787
1968	Dry	466	585	832	1,824	2,282	1,365	790	582	240	16	16	313
1969	Wet	636	541	1,223	2,993	4,480	3,423	2,238	1,529	495	430	1,040	1,758
1970	Above Normal	1,127	1,428	1,793	2,549	2,680	2,351	1,325	476	135	82	82	619
1971	Below Normal	643	1,172	1,625	2,372	2,489	2,252	1,206	438	129	76	76	416
1972	Dry	536	973	1,348	1,962	2,061	1,867	1,006	373	118	65	65	359
1973	Above Normal	841	1,637	1,955	4,089	3,037	2,662	1,495	531	145	91	1,291	1,202
1974	Wet	1,616	1,710	3,360	4,251	3,207	2,811	1,576	557	149	96	96	739
1975	Wet	869	1,721	2,176	3,551	3,235	2,835	1,589	561	150	96	96	719
1976	Critical	376	473	671	1,453	1,815	1,095	642	474	202	16	16	253
1977	Critical	169	216	298	601	742	447	301	226	117	16	16	116
1978	Wet	846	1,143	1,880	4,325	4,486	3,716	2,427	1,657	533	467	1,039	2,020
1979	Above Normal	1,489	1,631	2,933	3,604	3,024	2,651	1,489	529	144	91	80	377
1980	Wet	895	1,125	3,308	4,460	4,146	3,559	2,195	892	277	219	219	934
1981	Dry	653	1,315	1,650	2,343	2,525	2,224	1,222	443	130	77	77	1,636
1982	Wet	2,307	541	2,927	4,461	3,969	3,563	2,197	2,093	1,477	151	112	568
1983	Wet	91	956	1,480	2,351	4,467	3,869	2,873	1,959	1,391	521	1,753	2,042
1984	Above Normal	1,257	1,597	2,005	2,852	2,998	2,628	1,476	525	144	90	90	691
1985	Dry	596	1,084	1,502	2,187	2,296	2,078	1,116	409	124	71	71	390
1986	Wet	465	3,033	3,448	4,429	3,497	3,063	1,714	602	157	103	103	804
1987	Critical	483	875	1,209	1,891	2,366	1,413	817	601	246	16	16	313
1988	Critical	340	428	606	1,306	1,630	988	583	431	188	16	16	230
1989	Critical	395	497	705	1,533	1,916	1,153	674	497	210	16	16	266
1990	Critical	301	380	535	1,144	1,426	871	518	384	172	16	16	204
1991	Critical	422	530	754	1,648	2,060	1,237	720	530	222	16	16	275
1992	Critical	363	457	646	1,397	1,744	1,055	619	458	197	16	16	336
1993	Wet	1,156	3,131	3,486	4,349	3,790	3,319	1,854	647	165	111	111	871
1994	Critical	491	890	1,230	1,790	1,881	1,705	923	346	113	60	218	1,530
1995	Wet	1,036	2,631	2,029	4,076	4,468	3,874	2,876	1,961	622	553	553	2,045
1996	Wet	829	2,772	3,141	4,180	3,268	2,863	1,605	567	151	91	91	658
1997	Wet	1,969	1,583	2,591	2,725	2,865	2,513	1,413	505	140	87	87	390
1998	Wet	902	565	1,578	2,572	4,481	3,577	2,657	1,813	578	511	511	1,953
1999	Above Normal	715	1,445	1,814	2,579	2,711	2,378	1,340	481	136	83	83	604
2000	Above Normal	796	1,598	2,007	3,265	2,946	2,583	1,452	517	142	89	89	679
2001	Dry	568	1,033	1,432	2,085	2,190	1,983	1,066	393	121	68	68	381
2002	Dry	518	940	1,301	1,892	1,988	1,801	972	362	116	63	63	347
2003	Below Normal	623	1,136	1,575	2,297	2,411	2,182	1,169	n/a	n/a	n/a	n/a	n/a

Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,198	1,255	1,923	2,952	3,793	3,563	2,477	1,691	542	476	476	1,818
1923	Above Normal	825	1,672	2,103	2,992	3,145	2,757	1,547	548	148	94	94	700
1924	Critical	241	306	427	896	1,114	691	419	312	147	16	16	164
1925	Below Normal	595	1,083	1,502	2,190	2,299	2,081	1,117	409	124	71	71	399
1926	Dry	563	1,023	1,414	2,058	2,161	1,956	1,053	388	120	67	67	376
1927	Above Normal	832	1,686	2,121	3,018	3,173	2,780	1,560	552	148	95	95	705
1928	Below Normal	608	1,105	1,533	2,234	2,346	2,123	1,139	416	125	72	72	407
1929	Critical	364	458	649	1,403	1,752	1,059	622	459	197	16	16	245
1930	Critical	350	441	624	1,349	1,684	1,020	600	444	192	16	16	237
1931	Critical	118	199	271	537	662	380	275	208	111	16	16	102
1932	Above Normal	831	1,684	2,119	3,016	3,170	2,778	1,559	552	148	95	95	730
1933	Dry	573	1,043	1,446	2,113	2,219	2,008	1,080	397	122	69	69	386
1934	Critical	318	400	563	1,209	1,507	918	544	403	178	16	16	214
1935	Above Normal	743	1,503	1,889	2,684	2,821	2,474	1,392	498	139	86	86	420
1936	Above Normal	846	1,677	2,158	3,068	3,225	2,826	1,585	560	150	96	96	390
1937	Wet	619	1,381	1,883	3,782	3,875	3,479	2,146	873	272	214	214	913
1938	Wet	395	1,153	1,869	4,168	4,474	3,998	2,968	2,023	641	571	571	2,186
1939	Dry	786	1,589	1,995	2,843	2,989	2,620	1,472	524	143	90	80	377
1940	Above Normal	752	1,518	1,908	2,711	2,850	2,500	1,406	502	140	86	86	567
1941	Wet	1,165	1,220	1,800	3,105	3,915	3,692	2,411	1,647	529	463	463	1,769
1942	Wet	1,097	1,150	1,760	3,137	3,891	3,471	2,269	1,550	501	436	330	1,662
1943	Wet	412	1,413	2,023	3,710	3,801	3,413	2,106	858	268	210	210	865
1944	Below Normal	610	1,111	1,543	2,250	2,362	2,137	1,146	419	125	72	72	390
1945	Above Normal	922	1,871	2,355	3,354	3,524	3,087	1,727	606	158	104	104	811
1946	Above Normal	787	1,593	2,003	2,849	2,995	2,625	1,475	525	144	90	90	690
1947	Dry	594	1,080	1,497	2,182	2,291	2,074	1,113	408	123	71	71	384
1948	Below Normal	408	581	828	1,815	2,271	1,358	787	579	239	16	16	312
1949	Below Normal	533	968	1,340	1,950	2,048	1,855	1,000	371	117	65	65	357
1950	Below Normal	588	1,070	1,483	2,161	2,269	2,054	1,103	405	122	70	70	394
1951	Above Normal	855	1,733	2,181	3,110	3,268	2,864	1,605	567	151	97	97	726
1952	Wet	894	982	1,698	3,069	3,944	3,704	2,574	1,757	562	495	495	1,891
1953	Below Normal	692	1,396	1,755	2,500	2,693	2,371	1,300	468	134	81	81	464
1954	Below Normal	570	1,036	1,434	2,087	2,192	1,984	1,067	393	121	68	68	381
1955	Dry	560	1,018	1,413	2,060	2,163	1,959	1,054	389	120	68	68	363
1956	Wet	1,276	1,334	2,045	3,019	3,797	3,552	2,638	1,800	575	507	507	1,939
1957	Below Normal	716	1,446	1,819	2,589	2,723	2,388	1,345	483	136	83	83	628
1958	Wet	1,028	786	1,695	3,009	3,794	3,578	2,338	1,597	515	449	449	1,714
1959	Dry	587	1,066	1,476	2,155	2,263	2,048	1,100	404	123	70	70	379
1960	Critical	341	429	606	1,305	1,629	988	583	431	188	16	16	230
1961	Critical	249	316	441	928	1,155	715	432	322	150	16	16	169
1962	Below Normal	782	1,583	1,989	2,829	2,974	2,608	1,465	521	143	90	90	686
1963	Above Normal	879	1,782	2,243	3,195	3,358	2,942	1,648	580	153	99	99	746
1964	Dry	512	929	1,287	1,876	1,971	1,786	965	360	115	63	63	344
1965	Wet	922	1,872	2,357	3,358	3,529	3,091	1,729	607	158	104	104	812
1966	Below Normal	652	1,312	1,646	2,340	2,521	2,220	1,220	442	129	70	76	436
1967	Wet	1,420	1,322	1,887	2,968	3,721	3,998	2,968	2,023	641	571	571	2,111
1968	Dry	685	1,380	1,734	2,469	2,660	2,342	1,285	463	133	80	70	390
1969	Wet	949	793	1,769	2,869	4,476	3,998	2,968	2,023	641	571	571	2,186
1970	Above Normal	1,017	1,667	2,019	3,709	3,799	3,411	2,105	857	268	210	210	895
1971	Below Normal	620	1,129	1,568	2,290	2,404	2,175	1,166	425	126	74	74	402
1972	Dry	528	957	1,327	1,934	2,032	1,840	993	369	117	64	64	355
1973	Above Normal	802	1,624	1,939	2,916	3,066	2,687	1,509	535	145	92	92	706
1974	Wet	1,007	2,046	2,574	3,665	3,851	3,372	1,883	656	166	112	112	885
1975	Wet	806	1,632	2,055	2,924	3,073	2,694	1,512	537	146	92	92	684
1976	Critical	371	466	660	1,431	1,788	1,079	633	468	200	16	16	250
1977	Critical	162	208	285	571	706	380	289	218	114	16	16	112
1978	Wet	1,084	1,406	2,292	2,968	3,721	3,998	2,968	2,023	641	571	571	2,186
1979	Above Normal	1,157	1,212	1,855	3,077	3,880	3,658	2,390	1,632	525	459	123	1,136
1980	Wet	1,233	1,501	2,301	2,968	3,721	3,998	2,968	2,023	641	571	571	2,186
1981	Dry	724	1,463	1,837	2,614	2,748	2,411	1,357	487	137	84	84	634
1982	Wet	1,420	861	2,301	2,968	3,721	3,998	2,968	2,023	641	503	270	1,362
1983	Wet	128	1,028	1,578	2,446	4,476	3,998	2,968	2,023	641	539	1,771	2,111
1984	Above Normal	1,245	1,305	1,995	3,068	3,942	3,703	2,573	1,756	562	495	495	1,890
1985	Dry	630	1,149	1,592	2,320	2,436	2,203	1,180	430	127	74	74	390
1986	Wet	766	1,366	2,093	3,088	3,884	3,633	2,698	1,841	587	519	519	1,984
1987	Critical	568	1,033	1,429	2,084	2,189	1,981	1,066	393	121	68	68	367
1988	Critical	358	451	638	1,381	1,725	1,043	613	453	195	16	16	242
1989	Critical	388	487	689	1,498	1,871	1,128	660	487	207	16	16	260
1990	Critical	294	372	521	1,113	1,388	849	506	375	168	16	16	199
1991	Critical	415	521	740	1,613	2,017	1,212	706	520	218	16	16	269
1992	Critical	354	445	628	1,354	1,690	1,023	602	445	193	16	16	237
1993	Wet	1,054	1,727	2,092	3,836	3,930	3,528	2,176	885	275	217	217	925
1994	Critical	495	897	1,241	1,808	1,900	1,721	931	349	113	61	61	333
1995	Wet	1,095	1,501	2,125	2,968	4,476	3,998	2,968	2,023	641	571	571	2,111
1996	Wet	1,268	1,376	3,193	3,965	3,716	3,716	2,760	1,883	599	305	123	1,936
1997	Wet	1,935	1,301	2,069	3,053	3,923	3,685	2,561	1,748	559	492	492	1,216
1998	Wet	1,048	730	1,828	2,500	4,023	3,998	2,968	2,023	641	571	571	2,186
1999	Above Normal	1,047	1,717	2,080	3,820	3,913	3,513	2,167	881	274	216	216	890
2000	Above Normal	751	1,518	1,907	2,710	2,849	2,498	1,405	502	140	86	86	657
2001	Dry	567	1,029	1,427	2,077	2,181	1,974	1,062	391	121	68	68	379
2002	Dry	511	927	1,281	1,864	1,958	1,774	958	358	115	62	62	342
2003	Below Normal	599	1,091	1,514	2,206	2,317	2,096	1,125	n/a	n/a	n/a	n/a	n/a

Change in Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	235	-1,845	-1,605	-1,484	141	364	689	1,065	382	369	-205	514
1923	Above Normal	10	21	28	41	43	38	21	7	1	1	1	9
1924	Critical	-5	-7	-10	-22	-27	-16	-9	-6	-2	0	0	-3
1925	Below Normal	-21	-39	-53	-79	-83	-75	-39	-12	-2	-2	-2	-14
1926	Dry	-7	-14	-21	-32	-34	-31	-16	-5	-1	-1	-1	-6
1927	Above Normal	-58	-58	-86	-999	-116	-101	-55	-18	-3	-3	-3	-25
1928	Below Normal	-31	-58	-80	-116	-122	-110	-57	-18	-3	-3	-3	-20
1929	Critical	-4	-5	-8	-22	-28	-16	-9	-6	-2	0	0	-4
1930	Critical	-8	-10	-16	-36	-46	-26	-15	-11	-4	0	0	-6
1931	Critical	-44	-8	-13	-32	-40	-39	-13	-9	-3	0	0	-91
1932	Above Normal	-68	-127	-173	-247	-259	-226	-123	-40	-7	-7	-7	-59
1933	Dry	-7	-12	-17	-21	-22	-20	-10	-3	-1	-1	-1	-4
1934	Critical	-9	-12	-19	-39	-49	-28	-16	-11	-4	0	0	-6
1935	Above Normal	-59	-122	-152	-221	-232	-202	-111	-36	-6	-6	-6	-51
1936	Above Normal	-323	37	-1,105	-214	95	83	45	15	3	2	2	0
1937	Wet	111	25	-28	-338	804	787	635	337	126	-216	-1,049	-995
1938	Wet	69	371	181	-294	-13	418	760	1,127	363	351	351	1,162
1939	Dry	1	-336	619	841	886	716	446	144	25	24	14	24
1940	Above Normal	-44	-49	-309	-686	-22	-20	-11	-3	-1	-1	-1	-5
1941	Wet	-377	-1,856	-684	-1,257	138	300	318	794	263	254	-77	-157
1942	Wet	140	-736	-1,707	-1,259	270	300	496	925	341	330	229	-370
1943	Wet	-96	-51	-1,161	460	598	606	532	301	119	115	115	152
1944	Below Normal	-14	-26	-34	-51	-53	-48	-25	-8	-1	-1	-1	0
1945	Above Normal	-10	16	-5	-79	-23	-20	-11	-4	-1	-491	-1,115	-176
1946	Above Normal	9	20	-198	75	79	68	37	12	2	2	2	-136
1947	Dry	-9	-17	-22	-31	-32	-29	-15	-5	-1	-1	-1	-5
1948	Below Normal	20	-6	-9	-25	-31	-18	-10	-7	-2	0	0	-4
1949	Below Normal	-9	-15	-22	-35	-37	-33	-17	-6	-1	-1	-1	-6
1950	Below Normal	-13	-24	-35	-51	-54	-48	-25	-8	0	-1,201	-1,201	-1,209
1951	Above Normal	224	583	587	784	827	655	422	136	23	23	23	-105
1952	Wet	188	-753	-44	-1,381	152	300	473	901	295	285	-13	791
1953	Below Normal	12	25	33	52	56	49	26	8	1	1	1	9
1954	Below Normal	-6	-12	-18	-28	-30	-27	-14	-4	-1	-1	-1	-5
1955	Dry	-7	-12	-15	-22	-23	-21	-11	-3	-1	-1	-1	-1,204
1956	Wet	-449	-650	-493	-1,217	-53	180	755	1,144	409	395	395	1,055
1957	Below Normal	39	81	105	152	96	76	76	24	4	4	4	175
1958	Wet	107	-823	-740	-1,439	20	189	247	745	248	240	240	825
1959	Dry	3	-62	15	27	28	25	13	4	1	1	1	4
1960	Critical	-5	-6	-10	-23	-29	-17	-9	-7	-2	0	0	-4
1961	Critical	-8	-9	-15	-34	-42	-24	-13	-10	-3	0	0	-5
1962	Below Normal	-66	-136	-170	-243	-255	-222	-122	-39	-7	-7	-7	-792
1963	Above Normal	-40	-83	-100	-142	-149	-130	-71	-23	-4	-4	-4	-33
1964	Dry	-8	-14	-18	-25	-26	-23	-12	-4	-1	-1	-1,145	-1,204
1965	Wet	40	84	110	158	166	145	79	26	4	4	-463	-176
1966	Below Normal	-24	-36	-800	0	65	-2	30	10	2	0	-43	-1,178
1967	Wet	-918	206	332	-1,236	-762	373	448	303	90	87	87	324
1968	Dry	218	796	902	645	378	977	495	-118	-107	64	53	77
1969	Wet	313	251	546	-125	-4	575	730	494	146	141	-469	428
1970	Above Normal	-111	239	226	1,160	1,119	1,060	780	381	132	128	128	276
1971	Below Normal	-23	-42	-57	-82	-86	-77	-40	-13	-2	-2	-2	-14
1972	Dry	-8	-16	-21	-28	-30	-27	-14	-4	-1	-1	-1	-5
1973	Above Normal	-39	-13	-16	-1,172	29	25	14	4	1	1	-1,199	-495
1974	Wet	-609	337	-786	-586	644	561	307	99	17	17	17	146
1975	Wet	-63	-89	-121	-627	-161	-141	-77	-25	-4	-4	-4	-35
1976	Critical	-6	-8	-11	-22	-27	-16	-9	-6	-2	0	0	-4
1977	Critical	-7	-9	-13	-29	-37	-67	-12	-8	-3	0	0	-5
1978	Wet	238	263	412	-1,358	-765	282	540	366	108	105	-467	167
1979	Above Normal	-332	-419	-1,078	-527	856	1,008	901	1,103	381	368	43	759
1980	Wet	338	376	-1,007	-1,493	-425	439	773	1,131	364	352	352	1,253
1981	Dry	72	148	187	271	223	187	135	44	8	7	7	-1,002
1982	Wet	-887	320	-626	-1,493	-248	435	771	-69	-836	352	157	795
1983	Wet	36	71	98	95	9	129	95	64	-751	18	18	69
1984	Above Normal	-12	-292	-10	216	944	1,075	1,097	1,231	418	405	405	1,199
1985	Dry	35	65	90	133	139	125	65	21	4	3	3	0
1986	Wet	301	-1,667	-1,355	-1,342	387	569	984	1,239	430	416	416	1,180
1987	Critical	85	158	220	193	-177	568	249	-208	-125	52	52	55
1988	Critical	18	23	32	75	95	55	30	22	8	0	0	12
1989	Critical	-7	-9	-16	-35	-45	-26	-14	-10	-4	0	0	-6
1990	Critical	-7	-8	-14	-31	-38	-22	-12	-9	-3	0	0	-5
1991	Critical	-7	-10	-14	-35	-44	-25	-14	-10	-3	0	0	-5
1992	Critical	-9	-12	-19	-43	-54	-31	-17	-12	-4	0	0	-99
1993	Wet	-103	-1,403	-1,394	-513	140	209	322	238	110	107	107	54
1994	Critical	4	7	10	18	18	17	9	3	0	0	-157	-1,197
1995	Wet	59	-1,130	95	-1,108	8	124	92	62	18	18	18	66
1996	Wet	439	-1,397	52	-216	449	853	1,155	1,316	448	214	32	1,278
1997	Wet	-34	-282	-522	327	1,057	1,172	1,148	1,243	419	406	406	826
1998	Wet	146	164	250	-72	-459	421	311	211	62	60	60	233
1999	Above Normal	331	273	266	1,241	1,201	1,134	827	400	138	133	133	285
2000	Above Normal	-44	-81	-100	-555	-97	-85	-46	-15	-3	-2	-2	-22
2001	Dry	-2	-4	-5	-9	-9	-8	-4	-1	0	0	0	-2
2002	Dry	-7	-13	-20	-29	-30	-27	-14	-5	-1	-1	-1	-5
2003	Below Normal	-24	-45	-61	-91	-95	-85	-44	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Friant-Kern Canal Diversions (Node D18A)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	24%	-60%	-45%	-33%	4%	11%	38%	170%	237%	345%	-30%	39%
1923	Above Normal	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1924	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	0%	0%	-2%
1925	Below Normal	-3%	-3%	-3%	-4%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
1926	Dry	-1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1927	Above Normal	-7%	-3%	-4%	-25%	-4%	-4%	-3%	-3%	-2%	-3%	-3%	-3%
1928	Below Normal	-5%	-5%	-5%	-5%	-5%	-5%	-5%	-4%	-2%	-4%	-4%	-5%
1929	Critical	-1%	-1%	-1%	-2%	-2%	-1%	-1%	-1%	-1%	0%	0%	-1%
1930	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	0%	0%	-2%
1931	Critical	-27%	-4%	-5%	-6%	-6%	-9%	-4%	-4%	-3%	0%	0%	-47%
1932	Above Normal	-8%	-7%	-8%	-8%	-8%	-8%	-7%	-7%	-4%	-7%	-7%	-7%
1933	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%
1934	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-3%
1935	Above Normal	-7%	-7%	-7%	-8%	-8%	-8%	-7%	-7%	-4%	-6%	-6%	-11%
1936	Above Normal	-28%	2%	-34%	-7%	3%	3%	3%	3%	2%	3%	3%	0%
1937	Wet	22%	2%	-1%	-8%	26%	29%	42%	63%	87%	-50%	-83%	-52%
1938	Wet	21%	47%	11%	-7%	0%	12%	34%	126%	130%	159%	159%	114%
1939	Dry	0%	-17%	45%	42%	42%	38%	44%	38%	21%	36%	22%	7%
1940	Above Normal	-5%	-3%	-14%	-20%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%
1941	Wet	-24%	-60%	-28%	-29%	4%	9%	15%	93%	99%	122%	-14%	-8%
1942	Wet	15%	-39%	-49%	-29%	7%	9%	28%	148%	213%	310%	225%	-18%
1943	Wet	-19%	-3%	-36%	14%	19%	22%	34%	54%	80%	120%	120%	21%
1944	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	0%
1945	Above Normal	-1%	1%	0%	-2%	-1%	-1%	-1%	-1%	0%	-83%	-91%	-18%
1946	Above Normal	1%	1%	-9%	3%	3%	3%	3%	2%	1%	2%	2%	-16%
1947	Dry	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1948	Below Normal	5%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%
1950	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	-94%	-94%	-75%
1951	Above Normal	35%	51%	37%	34%	34%	30%	36%	32%	18%	30%	30%	-13%
1952	Wet	27%	-43%	-3%	-31%	4%	9%	23%	105%	110%	136%	-3%	72%
1953	Below Normal	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	2%
1954	Below Normal	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1955	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-77%
1956	Wet	-26%	-33%	-19%	-29%	-1%	5%	40%	174%	246%	353%	353%	119%
1957	Below Normal	6%	6%	6%	6%	4%	3%	6%	5%	3%	5%	5%	39%
1958	Wet	12%	-51%	-30%	-32%	1%	6%	12%	87%	93%	115%	115%	93%
1959	Dry	1%	-6%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1960	Critical	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	0%	0%	-2%
1961	Critical	-3%	-3%	-3%	-3%	-4%	-3%	-3%	-3%	-2%	0%	0%	-3%
1962	Below Normal	-8%	-8%	-8%	-8%	-8%	-8%	-8%	-7%	-5%	-7%	-7%	-54%
1963	Above Normal	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-3%	-4%	-4%	-4%
1964	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-95%	-78%
1965	Wet	5%	5%	5%	5%	5%	5%	5%	4%	3%	4%	-82%	-18%
1966	Below Normal	-4%	-3%	-33%	0%	3%	0%	3%	2%	1%	0%	-36%	-73%
1967	Wet	-39%	18%	21%	-29%	-17%	10%	18%	18%	16%	18%	18%	18%
1968	Dry	47%	136%	108%	35%	17%	72%	63%	-20%	-44%	391%	328%	25%
1969	Wet	49%	46%	45%	-4%	0%	17%	33%	32%	30%	33%	-45%	24%
1970	Above Normal	-10%	17%	13%	46%	42%	45%	59%	80%	98%	156%	156%	45%
1971	Below Normal	-4%	-4%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
1972	Dry	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1973	Above Normal	-5%	-1%	-1%	-29%	1%	1%	1%	1%	1%	1%	-93%	-41%
1974	Wet	-38%	20%	-23%	-14%	20%	20%	19%	18%	11%	17%	17%	20%
1975	Wet	-7%	-5%	-6%	-18%	-5%	-5%	-5%	-4%	-3%	-4%	-4%	-5%
1976	Critical	-2%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	0%	0%	-1%
1977	Critical	-4%	-4%	-5%	-5%	-5%	-15%	-4%	-4%	-2%	0%	0%	-4%
1978	Wet	28%	23%	22%	-31%	-17%	8%	22%	22%	20%	22%	-45%	8%
1979	Above Normal	-22%	-26%	-37%	-15%	28%	38%	61%	209%	264%	405%	53%	201%
1980	Wet	38%	33%	-30%	-33%	-10%	12%	35%	127%	132%	161%	161%	134%
1981	Dry	11%	11%	11%	12%	9%	8%	11%	10%	6%	9%	9%	-61%
1982	Wet	-38%	59%	-21%	-33%	-6%	12%	35%	-3%	-57%	234%	140%	140%
1983	Wet	40%	7%	7%	4%	0%	3%	3%	3%	-54%	4%	1%	3%
1984	Above Normal	-1%	-18%	0%	8%	31%	41%	74%	234%	291%	448%	448%	174%
1985	Dry	6%	6%	6%	6%	6%	6%	6%	5%	3%	5%	5%	0%
1986	Wet	65%	-55%	-39%	-30%	11%	19%	57%	206%	274%	404%	404%	147%
1987	Critical	18%	18%	18%	10%	-7%	40%	30%	-35%	-51%	319%	319%	18%
1988	Critical	5%	5%	5%	6%	6%	6%	5%	5%	4%	0%	0%	5%
1989	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	0%	-2%
1990	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	0%	0%	-2%
1991	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	0%	-2%
1992	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-29%
1993	Wet	-9%	-45%	-40%	-12%	4%	6%	17%	37%	67%	96%	96%	6%
1994	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%	-72%	-78%
1995	Wet	6%	-43%	5%	-27%	0%	3%	3%	3%	3%	3%	3%	3%
1996	Wet	53%	-50%	2%	-5%	14%	30%	72%	232%	297%	235%	35%	194%
1997	Wet	-2%	-18%	-20%	12%	37%	47%	81%	246%	299%	467%	467%	212%
1998	Wet	16%	29%	16%	-3%	-10%	12%	12%	12%	11%	12%	12%	12%
1999	Above Normal	46%	19%	15%	48%	44%	48%	62%	83%	101%	161%	161%	47%
2000	Above Normal	-6%	-5%	-5%	-17%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	-1%	-1%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
2003	Below Normal	-4%	-4%	-4%	-4%	-4%	-4%	-4%	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	957	1,250	1,225	1,064	400	48	5	0	6	5
1923	Above Normal	117	322	617	855	1,000	867	322	39	0	0	0	0
1924	Critical	0	0	111	301	369	257	36	0	0	0	0	0
1925	Below Normal	0	0	263	793	963	665	106	0	0	0	0	0
1926	Dry	0	0	238	711	865	597	94	0	0	0	0	0
1927	Above Normal	116	348	671	1,072	1,080	937	350	38	2	1	1	3
1928	Below Normal	0	0	277	834	1,013	699	112	0	0	0	0	0
1929	Critical	0	0	159	457	557	386	58	0	0	0	0	0
1930	Critical	0	0	155	445	543	376	56	0	0	0	0	0
1931	Critical	0	0	77	194	140	49	246	0	0	0	0	4
1932	Above Normal	117	366	703	974	1,138	987	369	48	5	0	0	0
1933	Dry	0	0	242	726	882	609	96	0	0	0	0	0
1934	Critical	0	0	142	403	491	341	50	0	0	0	0	0
1935	Above Normal	65	107	645	894	1,045	906	337	49	0	0	0	32
1936	Above Normal	59	329	824	916	1,011	876	326	30	5	1	1	65
1937	Wet	43	517	791	1,101	987	855	317	38	0	3	12	0
1938	Wet	9	219	1,124	1,250	1,250	1,221	462	35	15	0	0	14
1939	Dry	32	143	229	683	830	573	90	0	0	0	0	0
1940	Above Normal	78	302	622	1,174	1,250	930	145	0	0	0	0	107
1941	Wet	15	14	1,016	1,250	1,250	1,250	568	75	20	10	13	11
1942	Wet	68	391	932	1,213	1,231	1,069	402	51	5	0	52	29
1943	Wet	168	337	820	925	1,041	903	336	41	1	0	0	0
1944	Below Normal	0	0	268	809	983	678	108	0	0	0	0	155
1945	Above Normal	107	379	732	1,029	1,190	1,033	388	48	5	5	12	14
1946	Above Normal	109	301	617	789	923	800	296	36	0	0	0	22
1947	Dry	0	0	255	765	929	641	102	0	0	0	0	0
1948	Below Normal	0	0	199	585	712	492	76	0	0	0	0	0
1949	Below Normal	0	0	227	676	822	568	89	0	0	0	0	0
1950	Below Normal	0	0	255	764	929	641	102	0	0	201	62	68
1951	Above Normal	0	0	272	821	998	688	110	0	0	0	0	5
1952	Wet	3	249	1,076	1,250	1,250	1,195	451	67	10	0	3	15
1953	Below Normal	0	0	302	916	1,112	767	124	0	0	0	0	0
1954	Below Normal	0	0	241	720	875	604	96	0	0	0	0	0
1955	Dry	0	0	237	709	861	595	94	0	0	130	274	28
1956	Wet	221	411	795	1,215	1,250	1,171	442	59	8	0	0	0
1957	Below Normal	0	0	300	911	1,105	762	123	0	0	0	0	0
1958	Wet	31	3	1,082	1,250	1,250	1,183	447	66	10	0	0	0
1959	Dry	0	11	242	724	880	608	96	0	0	0	0	0
1960	Critical	0	0	150	428	521	362	54	0	0	0	0	0
1961	Critical	0	0	115	315	385	268	38	0	0	0	0	0
1962	Below Normal	87	343	655	908	1,060	920	343	43	1	0	0	31
1963	Above Normal	138	379	720	998	1,166	1,012	379	38	7	0	0	0
1964	Dry	0	0	219	648	788	545	85	0	0	0	12	78
1965	Wet	130	359	683	947	1,106	960	359	43	1	0	5	9
1966	Below Normal	1	0	421	829	1,006	694	111	0	0	0	0	50
1967	Wet	217	14	1,250	1,250	1,250	1,250	812	257	15	11	9	45
1968	Dry	0	0	197	580	706	488	76	0	0	0	114	0
1969	Wet	3	285	1,166	1,250	1,250	1,156	646	70	19	0	6	5
1970	Above Normal	32	0	318	968	1,175	810	131	0	0	0	0	0
1971	Below Normal	0	0	279	845	1,026	708	113	0	0	0	0	0
1972	Dry	0	0	225	669	813	562	88	0	0	0	0	0
1973	Above Normal	24	326	626	1,080	973	843	313	29	2	1	54	21
1974	Wet	192	338	850	1,092	1,043	904	337	41	1	0	0	0
1975	Wet	47	347	668	998	1,073	931	347	44	1	0	0	0
1976	Critical	0	0	162	466	568	393	59	0	0	0	0	0
1977	Critical	0	0	80	204	251	49	154	0	0	0	0	97
1978	Wet	13	3	1,250	1,250	1,250	1,250	734	171	10	0	6	2
1979	Above Normal	21	317	755	949	967	838	311	38	0	0	154	234
1980	Wet	103	522	1,064	1,250	1,250	1,213	458	59	10	0	0	0
1981	Dry	0	0	285	862	1,047	722	116	0	0	0	0	40
1982	Wet	10	116	1,169	1,250	1,250	1,250	542	232	92	217	232	2
1983	Wet	0	34	1,250	1,250	1,250	1,250	986	193	102	226	64	38
1984	Above Normal	184	308	590	818	957	829	307	37	0	0	0	0
1985	Dry	0	0	251	751	913	630	100	0	0	0	0	215
1986	Wet	149	488	902	1,225	1,162	1,008	378	47	8	0	0	0
1987	Critical	0	0	204	601	731	505	79	0	0	0	0	0
1988	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1989	Critical	0	0	169	491	597	414	63	0	0	0	0	0
1990	Critical	0	0	132	371	453	315	46	0	0	0	0	0
1991	Critical	0	0	180	526	640	443	68	0	0	0	0	0
1992	Critical	0	0	157	449	547	379	57	0	0	0	0	4
1993	Wet	45	517	945	1,222	1,250	1,134	427	55	5	0	0	0
1994	Critical	0	0	207	612	744	514	80	0	0	0	1	57
1995	Wet	78	311	1,250	1,250	1,250	1,250	1,113	418	21	13	10	24
1996	Wet	227	484	821	1,092	1,067	926	345	35	3	98	698	136
1997	Wet	246	304	684	1,060	1,250	923	144	0	0	0	0	94
1998	Wet	47	83	1,250	1,250	1,250	1,250	928	198	56	43	34	57
1999	Above Normal	0	0	323	984	1,194	823	133	0	0	0	0	0
2000	Above Normal	17	316	605	897	959	831	308	8	7	5	4	4
2001	Dry	0	0	238	710	863	596	94	0	0	0	0	0
2002	Dry	0	0	218	646	785	543	85	0	0	0	0	0
2003	Below Normal	0	0	268	807	980	676	108	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	1,053	1,250	1,250	1,250	1,204	272	47	36	29	41
1923	Above Normal	119	328	628	870	1,017	882	328	40	0	0	0	0
1924	Critical	0	0	108	295	361	251	35	0	0	0	0	0
1925	Below Normal	0	0	251	753	915	631	100	0	0	0	0	0
1926	Dry	0	0	235	701	852	588	93	0	0	0	0	0
1927	Above Normal	109	332	637	882	1,031	894	333	36	2	1	1	3
1928	Below Normal	0	0	258	775	942	650	104	0	0	0	0	0
1929	Critical	0	0	157	451	549	381	57	0	0	0	0	0
1930	Critical	0	0	152	434	529	367	55	0	0	0	0	0
1931	Critical	0	0	74	184	88	49	278	0	0	0	0	0
1932	Above Normal	109	332	636	882	1,030	893	332	41	1	0	0	0
1933	Dry	0	0	240	719	874	603	95	0	0	0	0	0
1934	Critical	0	0	138	391	477	331	49	0	0	0	0	0
1935	Above Normal	0	0	340	1,038	1,250	877	143	0	0	0	0	0
1936	Above Normal	18	347	665	920	1,075	933	348	34	7	2	2	0
1937	Wet	10	448	857	1,193	1,250	1,250	527	98	10	0	0	0
1938	Wet	0	219	1,250	1,250	1,250	1,250	1,164	161	71	63	51	87
1939	Dry	111	305	586	815	953	826	306	37	0	0	0	0
1940	Above Normal	0	0	345	1,053	1,250	903	147	0	0	0	0	0
1941	Wet	0	14	1,087	1,250	1,250	1,250	1,250	142	71	68	56	50
1942	Wet	147	539	903	1,190	1,250	1,250	700	132	10	0	0	0
1943	Wet	43	438	838	1,159	1,250	1,240	469	75	10	0	0	0
1944	Below Normal	0	0	261	783	952	657	105	0	0	0	0	0
1945	Above Normal	106	383	730	1,011	1,180	1,025	384	48	5	0	0	0
1946	Above Normal	111	307	589	817	955	828	307	37	0	0	0	0
1947	Dry	0	0	250	749	910	628	100	0	0	0	0	0
1948	Below Normal	0	0	196	577	702	486	75	0	0	0	0	0
1949	Below Normal	0	0	224	665	808	558	88	0	0	0	0	0
1950	Below Normal	0	0	247	738	897	619	98	0	0	0	0	0
1951	Above Normal	121	344	659	914	1,068	927	346	42	1	0	0	0
1952	Wet	3	249	1,129	1,250	1,250	1,250	1,174	385	71	68	68	83
1953	Below Normal	0	0	309	943	1,145	789	127	0	0	0	0	0
1954	Below Normal	0	0	238	710	863	596	94	0	0	0	0	0
1955	Dry	0	0	235	701	852	589	93	0	0	0	0	0
1956	Wet	179	599	1,090	1,250	1,250	1,250	1,199	262	74	68	68	104
1957	Below Normal	0	0	324	989	1,201	828	134	0	0	0	0	0
1958	Wet	35	3	1,040	1,250	1,250	1,250	1,152	382	10	0	0	0
1959	Dry	0	0	245	735	894	617	98	0	0	0	0	0
1960	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1961	Critical	0	0	111	305	373	260	36	0	0	0	0	0
1962	Below Normal	79	306	589	816	955	827	306	38	0	0	0	0
1963	Above Normal	130	357	682	945	1,104	958	358	36	3	1	1	5
1964	Dry	0	0	216	640	779	538	84	0	0	0	0	0
1965	Wet	138	381	725	1,006	1,175	1,020	382	47	5	0	0	0
1966	Below Normal	0	0	284	860	1,044	720	116	0	0	0	0	0
1967	Wet	169	14	1,250	1,250	1,250	1,250	1,218	417	71	68	68	95
1968	Dry	0	0	305	927	1,125	776	125	0	0	0	0	0
1969	Wet	3	285	1,250	1,250	1,250	1,250	1,164	148	71	66	52	62
1970	Above Normal	124	435	824	1,143	1,250	1,212	458	70	10	0	0	0
1971	Below Normal	0	0	266	803	976	673	108	0	0	0	0	0
1972	Dry	0	0	222	659	802	554	87	0	0	0	0	0
1973	Above Normal	23	322	619	861	1,007	873	324	32	2	2	1	1
1974	Wet	130	429	813	1,125	1,250	1,181	446	60	5	0	0	0
1975	Wet	47	323	620	859	1,004	870	323	41	0	0	0	0
1976	Critical	0	0	160	459	560	388	58	0	0	0	0	0
1977	Critical	0	0	77	195	240	49	145	0	0	0	0	0
1978	Wet	0	3	1,250	1,250	1,250	1,250	836	423	71	68	68	76
1979	Above Normal	104	520	981	1,250	1,250	1,250	950	224	15	5	4	4
1980	Wet	68	763	1,250	1,250	1,250	1,250	1,250	379	71	68	68	92
1981	Dry	0	0	329	1,002	1,216	838	136	0	0	0	0	0
1982	Wet	39	52	1,250	1,250	1,250	1,250	862	175	71	68	248	0
1983	Wet	37	34	1,250	1,250	1,250	1,250	986	193	94	225	62	37
1984	Above Normal	192	631	1,048	1,250	1,250	1,250	1,190	192	60	47	37	65
1985	Dry	0	0	272	819	994	686	110	0	0	0	0	0
1986	Wet	15	509	1,165	1,250	1,250	1,250	1,095	418	74	68	68	86
1987	Critical	0	0	237	709	862	595	94	0	0	0	0	0
1988	Critical	0	0	155	444	541	375	56	0	0	0	0	0
1989	Critical	0	0	166	480	584	405	61	0	0	0	0	0
1990	Critical	0	0	129	362	441	307	44	0	0	0	0	0
1991	Critical	0	0	177	515	627	434	66	0	0	0	0	0
1992	Critical	0	0	152	435	531	368	55	0	0	0	0	0
1993	Wet	33	462	876	1,210	1,250	1,250	560	110	10	0	0	0
1994	Critical	0	0	209	618	751	519	81	0	0	0	0	0
1995	Wet	0	311	1,250	1,250	1,250	1,250	1,183	418	26	17	13	26
1996	Wet	108	550	1,250	1,250	1,250	1,250	1,245	122	71	68	288	51
1997	Wet	252	627	1,056	1,250	1,250	1,250	1,166	398	15	11	9	0
1998	Wet	0	83	1,250	1,250	1,250	1,250	1,124	198	71	68	68	86
1999	Above Normal	163	450	850	1,177	1,250	1,250	496	81	10	0	0	0
2000	Above Normal	0	0	344	1,052	1,250	902	147	0	0	0	0	0
2001	Dry	0	0	237	707	859	593	94	0	0	0	0	0
2002	Dry	0	0	215	636	774	535	84	0	0	0	0	0
2003	Below Normal	0	0	254	761	925	638	102	n/a	n/a	n/a	n/a	n/a

Change in Simulated Madera Canal Diversions (Node D18B)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	96	0	25	186	804	224	42	36	23	36
1923	Above Normal	2	5	11	15	18	16	6	1	0	0	0	0
1924	Critical	0	0	-2	-7	-8	-6	-1	0	0	0	0	0
1925	Below Normal	0	0	-12	-40	-48	-33	-6	0	0	0	0	0
1926	Dry	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1927	Above Normal	-7	-16	-34	-190	-49	-43	-17	-1	0	0	0	-1
1928	Below Normal	0	0	-18	-59	-71	-49	-8	0	0	0	0	0
1929	Critical	0	0	-2	-7	-8	-6	-1	0	0	0	0	0
1930	Critical	0	0	-4	-11	-14	-9	-2	0	0	0	0	0
1931	Critical	0	0	-3	-10	-52	0	32	0	0	0	0	-4
1932	Above Normal	-8	-34	-67	-93	-107	-94	-37	-7	-3	0	0	0
1933	Dry	0	0	-3	-7	-8	-6	-1	0	0	0	0	0
1934	Critical	0	0	-4	-12	-15	-10	-2	0	0	0	0	0
1935	Above Normal	-65	-107	-304	144	205	-29	-195	-49	0	0	0	-32
1936	Above Normal	-40	19	-159	4	64	56	22	3	2	1	1	-65
1937	Wet	-33	-68	66	92	263	395	210	60	10	-3	-12	0
1938	Wet	-9	0	126	0	0	29	702	126	56	63	51	73
1939	Dry	79	163	357	133	123	253	216	37	0	0	0	0
1940	Above Normal	-78	-302	-277	-122	0	-27	2	0	0	0	0	-107
1941	Wet	-15	0	71	0	0	0	682	67	51	58	43	38
1942	Wet	79	148	-29	-22	19	181	298	81	5	0	-52	-29
1943	Wet	-125	101	18	234	209	337	133	35	8	0	0	0
1944	Below Normal	0	0	-8	-26	-31	-21	-4	0	0	0	0	-155
1945	Above Normal	-1	4	-2	-18	-10	-9	-3	0	0	-5	-12	-14
1946	Above Normal	2	5	-27	28	32	28	11	1	0	0	0	-22
1947	Dry	0	0	-5	-16	-19	-13	-2	0	0	0	0	0
1948	Below Normal	0	0	-2	-8	-9	-6	-1	0	0	0	0	0
1949	Below Normal	0	0	-3	-12	-14	-10	-2	0	0	0	0	0
1950	Below Normal	0	0	-8	-26	-31	-21	-4	0	0	-201	-62	-68
1951	Above Normal	121	344	386	93	71	239	235	42	1	0	0	-5
1952	Wet	0	0	53	0	0	55	723	318	61	68	66	68
1953	Below Normal	0	0	8	27	32	22	4	0	0	0	0	0
1954	Below Normal	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
1955	Dry	0	0	-2	-7	-9	-6	-1	0	0	-130	-274	-28
1956	Wet	-43	188	295	35	0	79	757	204	66	68	68	104
1957	Below Normal	0	0	24	79	95	65	11	0	0	0	0	0
1958	Wet	4	0	-42	0	0	67	705	315	0	0	0	0
1959	Dry	0	-11	3	11	14	9	2	0	0	0	0	0
1960	Critical	0	0	-2	-7	-9	-6	-1	0	0	0	0	0
1961	Critical	0	0	-3	-10	-13	-9	-1	0	0	0	0	0
1962	Below Normal	-8	-37	-66	-91	-106	-93	-36	-5	-1	0	0	-31
1963	Above Normal	-8	-22	-39	-53	-61	-54	-21	-2	-4	1	1	5
1964	Dry	0	0	-3	-8	-10	-7	-1	0	0	0	-12	-78
1965	Wet	8	22	42	59	68	60	23	3	3	0	-5	-9
1966	Below Normal	-1	0	-136	31	38	26	4	0	0	0	0	-50
1967	Wet	-48	0	0	0	0	0	405	160	56	57	59	50
1968	Dry	0	0	107	347	420	288	50	0	0	0	-114	0
1969	Wet	0	0	84	0	0	94	518	78	51	66	46	57
1970	Above Normal	92	435	506	174	75	401	327	70	10	0	0	0
1971	Below Normal	0	0	-13	-41	-50	-34	-6	0	0	0	0	0
1972	Dry	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
1973	Above Normal	-2	-4	-7	-219	34	30	12	2	0	0	-53	-20
1974	Wet	-62	92	-37	33	207	276	109	20	3	0	0	0
1975	Wet	0	-25	-48	-138	-69	-61	-24	-3	-1	0	0	0
1976	Critical	0	0	-2	-7	-8	-6	-1	0	0	0	0	0
1977	Critical	0	0	-3	-9	-11	0	-9	0	0	0	0	-97
1978	Wet	-13	0	0	0	0	0	101	252	61	68	63	73
1979	Above Normal	84	203	226	301	283	412	639	186	15	5	-150	-230
1980	Wet	-35	242	186	0	0	37	792	320	61	68	68	92
1981	Dry	0	0	43	140	170	116	20	0	0	0	0	-40
1982	Wet	29	-65	81	0	0	0	321	-57	-21	-148	16	-2
1983	Wet	37	0	0	0	0	0	0	0	-8	-2	-2	-1
1984	Above Normal	8	323	458	432	293	421	883	155	60	47	37	65
1985	Dry	0	0	21	67	81	56	10	0	0	0	0	-215
1986	Wet	-134	21	264	25	88	242	717	371	66	68	68	86
1987	Critical	0	0	33	109	132	90	16	0	0	0	0	0
1988	Critical	0	0	7	23	28	19	3	0	0	0	0	0
1989	Critical	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1990	Critical	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
1991	Critical	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1992	Critical	0	0	-4	-13	-16	-11	-2	0	0	0	0	-4
1993	Wet	-12	-54	-70	-11	0	116	133	56	5	0	0	0
1994	Critical	0	0	2	6	7	5	1	0	0	0	-1	-57
1995	Wet	-78	0	0	0	0	0	70	0	5	4	3	2
1996	Wet	-119	66	429	158	183	324	900	86	68	-30	-410	-85
1997	Wet	6	324	372	190	0	327	1,021	398	15	11	9	-94
1998	Wet	-47	0	0	0	0	0	196	0	15	25	34	30
1999	Above Normal	163	450	527	193	56	427	363	81	10	0	0	0
2000	Above Normal	-17	-316	-261	155	291	71	-161	-8	-7	-5	-4	-4
2001	Dry	0	0	-1	-3	-3	-2	0	0	0	0	0	0
2002	Dry	0	0	-3	-10	-12	-8	-1	0	0	0	0	0
2003	Below Normal	0	0	-14	-46	-55	-38	-7	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Madera Canal Diversions (Node D18B)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	0%	9%	0%	2%	17%	195%	459%	365%	-	74%	79%
1923	Above Normal	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-	-
1924	Critical	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1925	Below Normal	-	-	-6%	-7%	-7%	-7%	-7%	-	-	-	-	-
1926	Dry	-	-	-1%	-2%	-2%	-2%	-2%	-	-	-	-	-
1927	Above Normal	-7%	-6%	-6%	-19%	-6%	-6%	-6%	-4%	-68%	-38%	-38%	-38%
1928	Below Normal	-	-	-9%	-9%	-9%	-9%	-10%	-	-	-	-	-
1929	Critical	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1930	Critical	-	-	-2%	-3%	-2%	-2%	-3%	-	-	-	-	-
1931	Critical	-	-	-4%	-5%	-37%	0%	13%	-	-	-	-	-100%
1932	Above Normal	-7%	-10%	-11%	-11%	-11%	-11%	-11%	-16%	-100%	-	-	-
1933	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1934	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-
1935	Above Normal	-100%	-100%	-49%	12%	16%	-7%	-60%	-100%	-	-	-	-100%
1936	Above Normal	-69%	5%	-20%	0%	5%	5%	6%	11%	36%	184%	184%	-100%
1937	Wet	-77%	-14%	8%	8%	27%	46%	62%	144%	-	-100%	-100%	-
1938	Wet	-100%	0%	11%	0%	0%	2%	152%	357%	386%	-	-	513%
1939	Dry	244%	109%	150%	16%	12%	40%	229%	-	-	-	-	-
1940	Above Normal	-100%	-100%	-46%	-13%	-1%	-8%	-4%	-	-	-	-	-100%
1941	Wet	-100%	0%	7%	0%	0%	0%	120%	90%	253%	561%	302%	319%
1942	Wet	115%	37%	-4%	-3%	2%	15%	72%	157%	100%	-	-100%	-100%
1943	Wet	-74%	29%	1%	24%	20%	35%	37%	81%	567%	-	-	-
1944	Below Normal	-	-	-6%	-7%	-7%	-7%	-7%	-	-	-	-	-100%
1945	Above Normal	-2%	0%	-1%	-3%	-2%	-2%	-2%	0%	0%	-100%	-100%	-100%
1946	Above Normal	1%	0%	-6%	2%	2%	2%	2%	2%	-	-	-	-100%
1947	Dry	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-
1948	Below Normal	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1949	Below Normal	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1950	Below Normal	-	-	-4%	-4%	-4%	-4%	-5%	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	139%	10%	6%	33%	210%	-	-	-	-	-100%
1952	Wet	0%	0%	4%	0%	0%	5%	160%	472%	629%	-	2546%	446%
1953	Below Normal	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1954	Below Normal	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1955	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-100%	-100%	-100%
1956	Wet	-20%	45%	36%	3%	0%	7%	171%	347%	794%	-	-	-
1957	Below Normal	-	-	4%	4%	4%	4%	5%	-	-	-	-	-
1958	Wet	14%	0%	-4%	0%	0%	6%	155%	379%	0%	-	-	-
1959	Dry	-	-100%	-1%	0%	0%	0%	0%	-	-	-	-	-
1960	Critical	-	-	-1%	-2%	-2%	-2%	-2%	-	-	-	-	-
1961	Critical	-	-	-3%	-3%	-3%	-3%	-4%	-	-	-	-	-
1962	Below Normal	-10%	-13%	-12%	-12%	-12%	-12%	-13%	-13%	-100%	-	-	-100%
1963	Above Normal	-6%	-6%	-6%	-6%	-6%	-6%	-6%	-6%	-56%	-	-	-
1964	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-100%	-100%
1965	Wet	5%	5%	5%	5%	5%	5%	5%	8%	233%	-	-100%	-100%
1966	Below Normal	-100%	-	-34%	1%	1%	1%	1%	-	-	-	-	-100%
1967	Wet	-22%	0%	0%	0%	0%	0%	50%	62%	386%	508%	660%	112%
1968	Dry	-	-	50%	54%	54%	53%	59%	-	-	-	-100%	-
1969	Wet	0%	0%	7%	0%	0%	8%	80%	111%	265%	-	776%	1190%
1970	Above Normal	287%	-	156%	16%	6%	46%	241%	-	-	-	-	-
1971	Below Normal	-	-	-9%	-10%	-9%	-9%	-10%	-	-	-	-	-
1972	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1973	Above Normal	-8%	-3%	-3%	-22%	2%	2%	2%	7%	16%	16%	-98%	-95%
1974	Wet	-32%	27%	-5%	2%	20%	29%	31%	44%	233%	-	-	-
1975	Wet	0%	-8%	-8%	-15%	-8%	-8%	-8%	-9%	-100%	-	-	-
1976	Critical	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1977	Critical	-	-	-4%	-4%	-4%	0%	-6%	-	-	-	-	-100%
1978	Wet	-100%	0%	0%	0%	0%	0%	14%	148%	629%	-	1097%	2947%
1979	Above Normal	401%	64%	29%	32%	29%	49%	192%	482%	-	-	-98%	-99%
1980	Wet	-68%	47%	17%	0%	0%	3%	173%	547%	629%	-	-	-
1981	Dry	-	-	12%	12%	12%	12%	13%	-	-	-	-	-100%
1982	Wet	287%	-56%	7%	0%	0%	0%	59%	-25%	-23%	-68%	10%	-100%
1983	Wet	-	0%	0%	0%	0%	0%	0%	0%	-3%	-1%	-3%	-4%
1984	Above Normal	4%	104%	76%	53%	31%	51%	279%	416%	-	-	-	-
1985	Dry	-	-	6%	6%	6%	6%	6%	-	-	-	-	-100%
1986	Wet	-90%	4%	29%	2%	8%	24%	190%	792%	794%	-	-	-
1987	Critical	-	-	17%	18%	18%	18%	20%	-	-	-	-	-
1988	Critical	-	-	5%	6%	5%	5%	6%	-	-	-	-	-
1989	Critical	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1990	Critical	-	-	-2%	-3%	-3%	-2%	-3%	-	-	-	-	-
1991	Critical	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1992	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-100%
1993	Wet	-27%	-11%	-8%	-2%	0%	10%	25%	85%	100%	-	-	-
1994	Critical	-	-	1%	2%	2%	2%	2%	-	-	-	-100%	-100%
1995	Wet	-100%	0%	0%	0%	0%	0%	6%	0%	22%	28%	28%	10%
1996	Wet	-52%	13%	52%	14%	17%	35%	261%	247%	2383%	-31%	-58%	-62%
1997	Wet	1%	105%	53%	18%	0%	35%	695%	-	-	-	-	-100%
1998	Wet	-100%	0%	0%	0%	0%	0%	21%	0%	27%	59%	98%	52%
1999	Above Normal	-	-	161%	18%	5%	52%	254%	-	-	-	-	-
2000	Above Normal	-100%	-100%	-44%	14%	30%	3%	-55%	-100%	-100%	-100%	-100%	-100%
2001	Dry	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
2002	Dry	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
2003	Below Normal	-	-	-7%	-8%	-7%	-7%	-8%	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	22	43	60	138	189	174	98	36	6	5	5	29
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	58	96	158	177	149	63	19	3	3	3	19
1927	Above Normal	26	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	24	43	103	133	80	35	24	8	0	0	12
1930	Critical	19	23	42	100	129	77	34	23	8	0	0	11
1931	Critical	7	8	15	36	41	19	26	8	3	0	0	4
1932	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	17	21	37	89	115	69	30	20	7	0	0	10
1935	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1936	Above Normal	28	47	80	157	188	158	73	24	4	4	4	20
1937	Wet	28	52	86	157	188	158	73	24	4	4	4	20
1938	Wet	17	28	56	129	191	177	100	38	11	6	6	30
1939	Dry	33	59	92	150	169	142	60	18	3	3	3	18
1940	Above Normal	31	52	86	158	188	152	71	21	4	4	3	20
1941	Wet	22	37	60	129	191	177	100	40	12	6	6	30
1942	Wet	22	43	64	138	189	174	98	36	6	5	5	29
1943	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	21	31	57	135	174	105	46	31	10	0	0	16
1949	Below Normal	30	55	91	149	168	141	60	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	33	59	98	162	182	153	65	20	3	3	3	20
1952	Wet	20	37	56	129	191	177	100	40	11	6	6	30
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	97	160	179	151	64	19	3	3	3	19
1955	Dry	32	57	95	157	176	148	63	19	3	3	3	19
1956	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	22	37	60	129	191	177	100	40	11	6	6	30
1959	Dry	33	59	98	161	180	152	64	20	3	3	3	20
1960	Critical	18	22	40	95	123	74	32	22	7	0	0	11
1961	Critical	13	15	28	67	86	52	23	15	5	0	0	8
1962	Below Normal	28	47	80	151	191	163	79	27	5	5	5	20
1963	Above Normal	26	43	64	146	187	170	95	33	5	5	5	20
1964	Dry	29	52	87	143	160	135	57	17	3	3	3	17
1965	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1966	Below Normal	37	62	98	162	182	153	65	20	3	3	3	20
1967	Wet	11	19	43	101	185	188	122	64	15	7	7	33
1968	Dry	26	31	56	134	173	104	46	31	10	0	0	15
1969	Wet	17	28	52	115	193	181	104	50	13	7	7	30
1970	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	54	90	148	166	139	59	18	3	3	3	18
1973	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1975	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1976	Critical	20	24	44	105	136	82	36	24	8	0	0	12
1977	Critical	7	9	16	39	50	20	21	9	3	0	0	4
1978	Wet	11	24	47	114	194	184	106	57	14	7	7	30
1979	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1980	Wet	17	28	56	129	191	177	100	40	11	6	6	30
1981	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1982	Wet	17	28	52	129	191	177	100	40	11	6	6	30
1983	Wet	3	9	35	101	183	197	130	68	23	9	8	34
1984	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1987	Critical	27	48	80	139	179	108	47	32	11	0	0	16
1988	Critical	18	21	39	94	121	73	32	22	7	0	0	11
1989	Critical	21	26	47	111	144	86	38	26	9	0	0	13
1990	Critical	16	19	34	81	105	63	28	19	6	0	0	9
1991	Critical	23	28	50	120	155	93	41	28	9	0	0	14
1992	Critical	19	23	42	101	130	78	34	23	8	0	0	12
1993	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1994	Critical	27	49	81	134	150	126	54	16	3	3	3	16
1995	Wet	3	9	30	101	183	197	130	78	20	7	7	34
1996	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1997	Wet	28	52	86	158	188	152	71	21	4	4	3	20
1998	Wet	9	14	39	101	179	191	124	64	19	9	9	35
1999	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2000	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
2001	Dry	32	57	96	157	177	149	63	19	3	3	3	19
2002	Dry	29	52	86	142	160	134	57	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 1 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	11	19	43	101	185	188	122	64	17	8	7	33
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	14	26	62	80	48	21	14	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	57	94	155	174	146	62	19	3	3	3	19
1927	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	19	23	43	101	130	79	34	23	8	0	0	12
1930	Critical	19	22	41	97	125	75	33	22	7	0	0	11
1931	Critical	4	8	14	34	35	16	27	8	3	0	0	4
1932	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1933	Dry	32	58	97	160	179	151	64	19	3	3	3	19
1934	Critical	17	20	36	86	111	67	29	20	7	0	0	10
1935	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1936	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1937	Wet	22	33	56	129	191	177	100	40	11	6	6	30
1938	Wet	3	5	30	101	183	197	130	66	23	10	10	37
1939	Dry	31	52	86	157	188	158	73	24	4	4	4	20
1940	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1941	Wet	14	24	47	114	194	184	106	56	17	7	7	30
1942	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1943	Wet	22	33	56	129	191	177	100	40	11	6	6	30
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	22	31	56	133	172	103	45	31	10	0	0	15
1949	Below Normal	30	54	89	147	165	138	59	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1952	Wet	11	19	43	101	185	188	122	64	19	7	7	35
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	96	157	177	149	63	19	3	3	3	19
1955	Dry	31	57	94	155	174	147	62	19	3	3	3	19
1956	Wet	9	14	39	101	179	191	124	68	20	11	8	36
1957	Below Normal	33	56	90	158	188	152	71	21	4	4	3	20
1958	Wet	17	28	52	114	194	184	106	57	14	7	7	30
1959	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1960	Critical	18	22	39	94	121	73	32	22	7	0	0	11
1961	Critical	12	15	27	64	83	50	22	15	5	0	0	7
1962	Below Normal	31	52	86	157	188	158	73	24	4	4	4	20
1963	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1964	Dry	28	51	85	141	158	133	56	17	3	3	3	17
1965	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1966	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1967	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1968	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1969	Wet	3	5	30	101	183	197	130	66	23	11	10	36
1970	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	29	53	88	145	163	137	58	18	3	3	3	18
1973	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1975	Wet	31	52	86	157	188	158	73	24	4	4	4	20
1976	Critical	20	24	43	103	133	80	35	24	8	0	0	12
1977	Critical	7	8	15	37	47	16	20	8	3	0	0	4
1978	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1979	Above Normal	14	24	47	114	194	184	106	57	14	7	7	30
1980	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1981	Dry	33	56	90	158	188	152	71	21	4	4	3	20
1982	Wet	3	5	30	101	183	197	130	67	23	11	9	32
1983	Wet	3	5	30	101	183	197	130	68	23	9	8	34
1984	Above Normal	11	19	43	101	185	188	122	62	18	9	7	34
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	9	14	39	101	179	191	124	73	20	7	7	36
1987	Critical	32	57	95	157	177	148	63	19	3	3	3	19
1988	Critical	19	23	42	100	128	77	34	23	8	0	0	11
1989	Critical	21	25	46	109	140	84	37	25	8	0	0	12
1990	Critical	15	18	33	79	101	61	27	18	6	0	0	9
1991	Critical	22	27	49	118	152	91	40	27	9	0	0	13
1992	Critical	19	22	41	97	126	76	33	22	7	0	0	11
1993	Wet	20	33	56	129	191	177	100	40	11	6	6	30
1994	Critical	27	49	82	135	152	128	54	16	3	3	3	16
1995	Wet	3	5	30	101	183	197	130	78	20	8	7	34
1996	Wet	6	9	35	100	181	194	128	62	21	11	7	32
1997	Wet	9	19	43	101	185	188	122	64	15	7	7	31
1998	Wet	3	5	30	101	183	197	130	69	23	11	11	37
1999	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
2000	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2001	Dry	32	57	95	157	176	148	63	19	3	3	3	19
2002	Dry	28	51	85	140	157	132	56	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-11	-24	-16	-37	-4	14	24	28	12	3	1	4
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	-1	-2	-3	-3	-2	-1	0	0	0	0	0
1927	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1930	Critical	-1	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1931	Critical	-3	0	-1	-2	-6	-2	1	-1	0	0	0	0
1932	Above Normal	3	5	16	4	4	-8	-16	-7	0	0	0	0
1933	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1934	Critical	-1	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1935	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
1936	Above Normal	0	0	0	-6	3	5	6	3	1	1	1	0
1937	Wet	-6	-19	-30	-28	3	19	27	16	7	2	2	10
1938	Wet	-14	-24	-26	-28	-8	20	30	28	11	5	4	7
1939	Dry	-2	-7	-6	6	19	16	13	5	1	1	1	1
1940	Above Normal	2	5	4	0	0	0	0	0	0	0	0	0
1941	Wet	-9	-14	-12	-15	3	7	6	16	6	1	1	1
1942	Wet	-5	-14	-12	-23	4	7	6	16	7	1	1	1
1943	Wet	-6	-14	-25	-21	0	14	21	13	6	1	1	10
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	1	0	-1	-2	-3	-2	-1	0	0	0	0	0
1949	Below Normal	-1	-1	-2	-3	-3	-3	-1	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	-5	-12	-18	-11	9	10	15	7	1	1	1	0
1952	Wet	-9	-18	-12	-28	-6	10	21	25	8	1	1	6
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	-1	-1	-2	-3	-2	-1	0	0	0	0	0
1955	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	-14	-23	-21	-37	-10	17	27	32	14	6	3	7
1957	Below Normal	-4	-6	-8	0	7	3	6	1	1	1	0	0
1958	Wet	-5	-9	-8	-15	3	7	6	18	3	1	1	1
1959	Dry	0	0	1	1	1	1	0	0	0	0	0	0
1960	Critical	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1961	Critical	0	-1	-1	-3	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1963	Above Normal	3	5	16	4	4	-8	-16	-7	0	0	0	0
1964	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1965	Wet	-3	-5	-16	-4	-4	8	16	7	0	0	0	0
1966	Below Normal	0	0	0	-3	0	-3	0	0	0	0	0	0
1967	Wet	-9	-14	-13	0	-1	10	9	14	7	-1	-1	3
1968	Dry	11	32	41	24	9	45	19	-11	-7	3	3	4
1969	Wet	-14	-24	-22	-14	-10	16	27	16	10	4	3	5
1970	Above Normal	-13	-24	-34	-29	3	25	30	19	7	2	3	10
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	-1	-1	-2	-3	-2	-1	0	0	0	0	0
1973	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	-6	-10	-21	-13	-2	11	18	10	1	1	1	9
1975	Wet	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1976	Critical	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1977	Critical	0	-1	-1	-2	-3	-4	-1	-1	0	0	0	0
1978	Wet	-9	-19	-17	-13	-11	13	24	21	9	0	0	6
1979	Above Normal	-14	-28	-39	-43	6	26	33	34	10	3	3	10
1980	Wet	-14	-24	-26	-28	-8	20	30	38	11	1	1	7
1981	Dry	-4	-6	-8	0	7	3	6	1	1	1	0	0
1982	Wet	-14	-24	-22	-28	-8	20	30	27	11	5	3	3
1983	Wet	0	-5	-5	0	0	0	0	0	0	0	0	0
1984	Above Normal	-20	-33	-42	-56	-4	29	48	38	14	5	3	15
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-17	-28	-26	-45	-8	20	29	40	15	2	2	16
1987	Critical	5	9	16	18	-3	40	16	-13	-7	3	3	3
1988	Critical	1	1	2	6	8	5	2	1	0	0	0	1
1989	Critical	0	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1990	Critical	0	-1	-1	-2	-3	-2	-1	-1	0	0	0	0
1991	Critical	0	-1	-1	-3	-3	-2	-1	-1	0	0	0	0
1992	Critical	-1	-1	-1	-3	-4	-3	-1	-1	0	0	0	0
1993	Wet	-3	-5	-4	-9	2	3	3	3	6	1	1	1
1994	Critical	0	0	1	1	2	1	1	0	0	0	0	0
1995	Wet	0	-5	0	0	0	0	0	0	0	0	0	0
1996	Wet	-22	-38	-46	-51	-9	31	48	35	16	6	2	12
1997	Wet	-20	-33	-42	-57	-4	36	51	43	11	3	4	11
1998	Wet	-6	-10	-9	0	4	7	6	5	4	2	2	2
1999	Above Normal	-13	-24	-34	-29	3	25	30	19	7	2	3	10
2000	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
2001	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
2002	Dry	0	-1	-1	-2	-3	-2	-1	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-50%	-55%	-27%	-27%	-2%	8%	25%	77%	211%	54%	25%	15%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1927	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	-1%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1930	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1931	Critical	-39%	-6%	-6%	-7%	-14%	-13%	4%	-7%	-7%	-	-	-7%
1932	Above Normal	10%	11%	25%	3%	2%	-4%	-16%	-21%	-4%	0%	0%	0%
1933	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1934	Critical	-3%	-3%	-4%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1935	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
1936	Above Normal	0%	0%	0%	-4%	1%	3%	8%	13%	28%	17%	17%	0%
1937	Wet	-21%	-37%	-35%	-18%	1%	12%	37%	68%	181%	50%	50%	50%
1938	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	73%	99%	77%	64%	25%
1939	Dry	-6%	-12%	-6%	4%	11%	11%	22%	29%	29%	29%	29%	7%
1940	Above Normal	6%	9%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	-38%	-37%	-21%	-12%	2%	4%	6%	41%	48%	11%	11%	2%
1942	Wet	-24%	-34%	-19%	-17%	2%	4%	6%	44%	124%	25%	25%	5%
1943	Wet	-21%	-31%	-31%	-14%	0%	9%	26%	49%	137%	29%	29%	50%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	6%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	-14%	-20%	-18%	-7%	5%	7%	23%	36%	43%	40%	40%	0%
1952	Wet	-43%	-49%	-22%	-22%	-3%	6%	21%	62%	68%	13%	11%	19%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1955	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-62%	-61%	-35%	-27%	-5%	10%	27%	87%	251%	105%	48%	24%
1957	Below Normal	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1958	Wet	-24%	-25%	-13%	-12%	2%	4%	6%	44%	24%	11%	11%	2%
1959	Dry	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1960	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1961	Critical	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-	-	-4%
1962	Below Normal	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1963	Above Normal	10%	11%	25%	3%	2%	-4%	-16%	-20%	-4%	0%	0%	0%
1964	Dry	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1965	Wet	-9%	-10%	-20%	-3%	-2%	5%	20%	26%	4%	0%	0%	0%
1966	Below Normal	0%	0%	0%	-2%	0%	-2%	0%	0%	0%	0%	0%	0%
1967	Wet	-76%	-76%	-30%	0%	-1%	5%	7%	21%	48%	-8%	-8%	9%
1968	Dry	43%	102%	73%	18%	5%	44%	42%	-36%	-68%	-	-	28%
1969	Wet	-85%	-84%	-42%	-12%	-5%	9%	26%	32%	74%	61%	49%	18%
1970	Above Normal	-40%	-42%	-38%	-18%	1%	16%	42%	89%	181%	50%	80%	50%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1973	Above Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-21%	-21%	-26%	-8%	-1%	7%	23%	36%	18%	14%	14%	47%
1975	Wet	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1976	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1977	Critical	-6%	-6%	-6%	-6%	-6%	-20%	-6%	-6%	-6%	-	-	-6%
1978	Wet	-76%	-81%	-36%	-11%	-6%	7%	23%	36%	65%	2%	0%	20%
1979	Above Normal	-51%	-54%	-45%	-27%	3%	17%	45%	143%	257%	67%	67%	53%
1980	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	97%	104%	13%	11%	24%
1981	Dry	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1982	Wet	-85%	-84%	-42%	-22%	-4%	11%	30%	69%	104%	82%	50%	9%
1983	Wet	0%	-50%	-13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	-64%	-63%	-50%	-35%	-2%	19%	66%	161%	358%	139%	79%	75%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-67%	-66%	-40%	-31%	-4%	12%	31%	118%	295%	43%	43%	82%
1987	Critical	20%	20%	20%	13%	-2%	37%	33%	-40%	-70%	-	-	20%
1988	Critical	6%	6%	6%	6%	6%	6%	6%	6%	6%	-	-	6%
1989	Critical	-2%	-2%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1990	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1991	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1992	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1993	Wet	-12%	-12%	-7%	-6%	1%	2%	3%	9%	100%	12%	12%	2%
1994	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1995	Wet	0%	-50%	0%	0%	0%	0%	0%	0%	1%	3%	2%	0%
1996	Wet	-79%	-81%	-57%	-34%	-5%	19%	61%	132%	346%	134%	43%	63%
1997	Wet	-70%	-63%	-50%	-36%	-2%	23%	72%	206%	289%	84%	117%	57%
1998	Wet	-69%	-68%	-22%	0%	2%	3%	5%	7%	18%	17%	24%	7%
1999	Above Normal	-40%	-42%	-38%	-18%	1%	16%	42%	89%	181%	50%	80%	50%
2000	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	34	90	130	124	100	78	27	0	0	0	0	16
1923	Above Normal	24	62	73	61	53	52	31	7	1	1	1	18
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	2	4	7	12	13	11	4	1	0	0	0	1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	33	73	90	82	67	62	31	6	0	0	0	21
1928	Below Normal	3	6	11	19	21	18	7	2	0	0	0	2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	34	83	113	97	83	65	21	1	1	1	1	22
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	20	47	72	60	53	52	30	7	1	1	1	5
1936	Above Normal	25	66	82	63	56	54	32	7	1	1	1	0
1937	Wet	1	44	63	58	50	50	29	7	1	1	1	18
1938	Wet	0	27	98	168	120	108	53	14	2	7	7	21
1939	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	20	55	64	58	54	50	16	5	0	0	1	10
1941	Wet	37	78	139	153	107	98	52	12	1	7	6	18
1942	Wet	38	89	123	121	99	77	26	0	0	0	0	15
1943	Wet	3	56	85	75	59	55	28	5	0	0	0	19
1944	Below Normal	3	5	8	14	16	13	5	2	0	0	0	0
1945	Above Normal	35	86	119	106	93	74	25	2	1	1	1	24
1946	Above Normal	21	56	64	46	37	38	24	5	0	0	0	16
1947	Dry	1	2	4	6	7	6	2	1	0	0	0	1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	1	2	4	6	7	6	2	1	0	0	0	1
1951	Above Normal	3	5	10	17	19	15	6	2	0	0	0	2
1952	Wet	21	77	98	154	108	96	46	12	1	6	6	18
1953	Below Normal	2	15	20	33	38	31	12	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	46	101	138	138	114	96	35	3	1	1	1	18
1957	Below Normal	2	15	19	32	37	30	12	3	1	1	1	3
1958	Wet	33	55	137	155	107	94	45	12	1	6	6	18
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	26	71	86	77	62	58	29	5	0	0	0	20
1963	Above Normal	36	87	117	102	89	71	24	1	1	1	1	23
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	31	77	93	87	73	67	34	7	1	1	1	21
1966	Below Normal	1	14	18	18	20	17	7	2	0	0	0	2
1967	Wet	74	44	114	143	119	102	70	52	14	22	22	70
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	19	17	76	128	109	91	62	44	14	19	19	59
1970	Above Normal	9	25	33	42	38	32	10	3	0	0	1	13
1971	Below Normal	4	7	12	21	24	19	8	2	0	0	0	2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	22	61	66	57	47	47	28	6	1	1	1	17
1974	Wet	30	71	85	75	60	56	28	5	0	0	0	19
1975	Wet	25	72	88	78	63	59	30	6	0	0	0	20
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	38	41	127	137	114	111	76	50	15	21	21	67
1979	Above Normal	21	60	71	54	46	46	28	6	1	1	0	0
1980	Wet	37	66	120	163	119	106	52	14	2	7	7	20
1981	Dry	0	12	14	23	27	22	9	3	0	0	0	3
1982	Wet	49	3	101	164	119	109	57	16	2	2	0	0
1983	Wet	0	46	126	104	104	107	93	59	15	24	26	83
1984	Above Normal	23	58	67	52	44	44	27	6	1	1	1	17
1985	Dry	1	1	3	4	5	4	2	0	0	0	0	0
1986	Wet	0	84	116	102	89	70	23	1	1	1	1	23
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	38	99	135	133	110	90	32	2	1	1	1	18
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	58	90	164	135	104	108	101	63	15	26	26	83
1996	Wet	28	73	88	80	65	60	31	5	0	0	0	15
1997	Wet	27	56	65	58	54	49	16	5	0	0	1	0
1998	Wet	44	20	123	117	122	96	83	55	15	24	24	75
1999	Above Normal	8	26	35	45	41	35	11	4	0	0	1	13
2000	Above Normal	16	58	68	50	41	42	25	4	1	1	1	16
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	3	5	8	14	16	13	5	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 1 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	59	80	133	140	115	98	91	51	14	22	24	68
1923	Above Normal	24	63	75	64	57	56	32	8	1	1	1	19
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	1	1	3	4	5	4	2	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	27	69	82	72	57	53	27	5	0	0	0	19
1928	Below Normal	2	3	5	8	10	8	3	1	0	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	27	69	82	72	57	53	27	5	0	0	0	19
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	10	29	40	54	51	44	15	5	0	0	1	2
1936	Above Normal	22	69	86	78	63	58	30	5	0	0	0	0
1937	Wet	13	72	106	158	113	104	53	15	2	6	6	19
1938	Wet	19	73	155	141	111	115	110	63	16	28	28	87
1939	Dry	21	57	66	52	43	44	26	6	1	1	0	0
1940	Above Normal	10	30	42	57	53	47	16	5	0	0	1	10
1941	Wet	55	46	123	136	113	110	106	49	14	25	24	69
1942	Wet	56	68	105	133	112	99	67	46	14	19	13	60
1943	Wet	3	73	113	151	109	99	47	13	1	6	6	18
1944	Below Normal	2	3	6	10	11	9	4	1	0	0	0	0
1945	Above Normal	35	88	118	104	91	72	25	2	1	1	1	23
1946	Above Normal	21	57	67	52	44	44	27	6	1	1	1	17
1947	Dry	1	1	2	4	4	3	1	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1951	Above Normal	29	72	87	80	65	60	31	6	0	0	0	20
1952	Wet	41	50	124	147	124	107	95	62	15	27	27	72
1953	Below Normal	3	17	22	37	43	35	14	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	78	97	147	144	120	94	98	54	14	24	27	76
1957	Below Normal	8	26	35	46	42	36	11	4	0	0	1	13
1958	Wet	45	15	109	130	105	103	95	59	14	20	20	63
1959	Dry	0	0	1	1	1	1	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	19	57	66	51	43	43	26	6	1	1	1	16
1963	Above Normal	31	76	93	87	73	67	34	6	1	1	1	22
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	37	87	118	104	91	72	25	1	1	1	1	23
1966	Below Normal	0	12	14	23	27	21	9	3	0	0	0	3
1967	Wet	92	71	156	141	111	115	113	67	16	32	32	88
1968	Dry	2	16	21	35	40	32	13	4	1	1	0	0
1969	Wet	53	56	148	135	111	115	110	63	16	28	28	87
1970	Above Normal	47	88	112	150	109	97	46	12	1	6	6	18
1971	Below Normal	2	4	8	13	15	12	5	1	0	0	0	1
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	17	60	65	59	51	51	30	6	1	1	1	18
1974	Wet	45	106	142	138	114	96	35	3	1	1	1	18
1975	Wet	19	60	72	59	52	51	30	7	1	1	1	18
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	61	75	181	141	111	115	90	67	16	32	32	87
1979	Above Normal	61	75	120	134	110	108	87	52	14	21	0	33
1980	Wet	74	126	181	141	111	115	115	65	16	32	32	88
1981	Dry	9	27	36	48	45	38	12	4	0	0	1	14
1982	Wet	84	46	181	141	111	115	92	63	16	23	9	42
1983	Wet	2	55	137	110	111	115	99	63	16	26	28	87
1984	Above Normal	74	92	137	147	124	107	96	53	15	23	25	72
1985	Dry	3	5	9	16	18	15	6	2	0	0	0	0
1986	Wet	36	93	155	148	125	99	95	60	15	29	29	77
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	44	94	120	162	117	107	57	17	2	6	6	20
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	62	99	170	141	111	115	111	67	16	28	28	87
1996	Wet	76	101	160	145	113	101	105	56	15	11	0	73
1997	Wet	79	92	136	146	123	106	94	63	15	23	23	35
1998	Wet	59	40	152	113	111	115	107	63	16	28	28	87
1999	Above Normal	52	92	117	159	116	106	52	14	2	6	6	20
2000	Above Normal	10	30	42	56	53	47	16	5	0	0	1	15
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	1	2	3	6	7	6	2	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	26	-10	3	16	14	20	65	51	14	22	23	52
1923	Above Normal	1	2	2	3	4	3	2	0	0	0	0	1
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	-1	-2	-4	-7	-8	-7	-3	-1	0	0	0	-1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	-7	-4	-7	-9	-10	-9	-4	-1	0	0	0	-1
1928	Below Normal	-2	-3	-6	-10	-12	-10	-4	-1	0	0	0	-1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	-7	-14	-31	-24	-26	-12	6	4	0	0	0	-3
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	-10	-18	-32	-6	-2	-8	-16	-3	0	0	0	-3
1936	Above Normal	-3	3	5	15	7	4	-2	-2	-1	0	0	0
1937	Wet	13	28	43	100	63	54	23	8	1	6	6	2
1938	Wet	19	46	57	-27	-9	7	57	49	14	21	21	67
1939	Dry	21	56	66	51	43	43	26	6	1	1	0	0
1940	Above Normal	-9	-25	-22	-2	-1	-3	0	0	0	0	0	0
1941	Wet	18	-32	-16	-18	5	11	54	37	13	19	18	51
1942	Wet	19	-21	-18	12	14	22	41	46	14	19	13	45
1943	Wet	0	17	28	77	49	44	19	8	1	6	6	-1
1944	Below Normal	-1	-2	-3	-5	-5	-4	-2	0	0	0	0	0
1945	Above Normal	-1	1	0	-2	-2	-2	-1	0	0	0	0	0
1946	Above Normal	1	1	2	6	7	6	3	1	0	0	0	1
1947	Dry	-1	-1	-2	-3	-3	-3	-1	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	-1	-1	-3	-5	-5	-4	-2	0	0	0	0	0
1951	Above Normal	26	67	78	63	46	45	24	4	0	0	0	18
1952	Wet	20	-26	25	-7	16	11	50	50	14	21	21	54
1953	Below Normal	1	1	3	5	5	4	2	1	0	0	0	1
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	32	-5	9	6	6	-1	63	51	14	23	26	57
1957	Below Normal	6	11	16	14	5	6	-1	0	0	0	0	10
1958	Wet	12	-40	-28	-25	-2	9	51	48	12	14	14	45
1959	Dry	0	0	1	1	1	1	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	-7	-15	-20	-26	-20	-15	-3	0	0	0	0	-3
1963	Above Normal	-6	-11	-25	-16	-17	-4	10	5	0	0	0	-2
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	6	11	25	17	18	5	-9	-5	0	0	0	2
1966	Below Normal	-1	-2	-3	5	6	5	2	1	0	0	0	1
1967	Wet	18	27	42	-2	-7	13	42	15	1	9	10	19
1968	Dry	2	16	21	35	40	32	13	4	1	1	0	0
1969	Wet	34	39	73	6	2	25	48	19	2	9	9	28
1970	Above Normal	39	64	79	109	71	65	36	9	1	6	5	5
1971	Below Normal	-1	-3	-4	-7	-8	-7	-3	-1	0	0	0	-1
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	-5	-1	-1	2	4	3	2	0	0	0	0	0
1974	Wet	14	35	56	63	54	41	7	-2	0	0	0	-1
1975	Wet	-6	-11	-16	-19	-12	-8	0	1	0	0	0	-2
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	23	35	53	3	-3	4	14	17	1	11	11	21
1979	Above Normal	40	15	49	80	64	61	59	46	13	20	0	33
1980	Wet	37	60	61	-23	-7	9	63	51	14	25	25	68
1981	Dry	8	15	22	24	18	16	3	1	0	0	0	11
1982	Wet	35	43	80	-23	-8	6	35	47	14	21	9	42
1983	Wet	2	9	11	6	7	8	6	4	1	1	1	4
1984	Above Normal	51	35	70	94	80	63	69	47	14	22	24	55
1985	Dry	2	4	7	12	14	11	4	1	0	0	0	0
1986	Wet	36	9	39	46	37	30	72	59	15	28	28	54
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	6	-6	-16	29	7	17	24	15	1	6	6	2
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	4	9	6	5	7	8	10	4	1	1	1	4
1996	Wet	48	29	71	66	48	41	74	51	14	11	0	59
1997	Wet	52	35	71	88	69	57	78	58	14	22	22	35
1998	Wet	15	20	29	-4	-10	19	24	8	1	4	4	12
1999	Above Normal	44	67	83	114	75	71	41	11	2	6	6	7
2000	Above Normal	-6	-28	-26	7	12	5	-10	1	-1	0	0	-1
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	-1	-3	-5	-8	-9	-8	-3	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	76%	-11%	2%	12%	14%	26%	244%	45330%	4079%	6664%	6992%	332%
1923	Above Normal	3%	3%	3%	6%	7%	6%	5%	6%	9%	9%	9%	3%
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-62%	-62%	-61%	-62%	-62%	-62%	-62%	-62%	-62%	-62%	-62%	-62%
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-20%	-6%	-8%	-11%	-15%	-14%	-14%	-21%	-44%	-41%	-41%	-7%
1928	Below Normal	-55%	-56%	-55%	-55%	-55%	-55%	-55%	-55%	-55%	-55%	-55%	-55%
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-22%	-17%	-27%	-25%	-32%	-19%	29%	730%	-64%	-64%	-64%	-15%
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-49%	-39%	-44%	-10%	-3%	-15%	-52%	-36%	-52%	-52%	42%	-54%
1936	Above Normal	-11%	5%	6%	24%	13%	7%	-7%	-29%	-72%	-48%	-50%	-
1937	Wet	2076%	64%	68%	172%	125%	108%	79%	124%	131%	764%	764%	9%
1938	Wet	-	167%	58%	-16%	-7%	7%	108%	348%	671%	315%	315%	323%
1939	Dry	2598%	11972%	43478%	17454%	12833%	15795%	24090%	18340%	-	-	-	-
1940	Above Normal	-48%	-46%	-34%	-3%	-3%	-6%	-3%	-4%	-9%	-9%	-3%	-3%
1941	Wet	50%	-41%	-11%	-11%	5%	11%	103%	297%	959%	283%	278%	285%
1942	Wet	50%	-23%	-15%	10%	14%	29%	161%	18374%	4863%	6724%	-	291%
1943	Wet	0%	31%	33%	103%	83%	79%	66%	151%	416%	2067%	2067%	-6%
1944	Below Normal	-33%	-33%	-31%	-32%	-32%	-32%	-32%	-32%	-32%	-32%	-32%	-
1945	Above Normal	-2%	1%	0%	-2%	-2%	-2%	-3%	-13%	-4%	-4%	-4%	-1%
1946	Above Normal	3%	3%	4%	13%	18%	16%	12%	16%	26%	26%	26%	6%
1947	Dry	-44%	-45%	-43%	-42%	-42%	-42%	-42%	-42%	-42%	-42%	-42%	-42%
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-70%	-69%	-71%	-71%	-71%	-71%	-71%	-71%	-	-71%	-71%	-71%
1951	Above Normal	858%	1243%	814%	382%	245%	289%	398%	222%	28%	28%	28%	1027%
1952	Wet	96%	-34%	26%	-5%	14%	12%	109%	418%	967%	349%	351%	301%
1953	Below Normal	35%	10%	13%	14%	14%	14%	14%	14%	14%	14%	14%	14%
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	70%	-4%	6%	4%	6%	-1%	183%	1959%	2146%	3573%	4041%	314%
1957	Below Normal	337%	72%	82%	43%	14%	20%	-6%	6%	-70%	-70%	43%	279%
1958	Wet	36%	-73%	-20%	-16%	-2%	9%	113%	404%	901%	238%	238%	253%
1959	Dry	275%	296%	2753%	3114%	3113%	3114%	3113%	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-27%	-21%	-23%	-34%	-32%	-25%	-11%	7%	79%	79%	79%	-16%
1963	Above Normal	-15%	-12%	-21%	-15%	-19%	-5%	42%	392%	-31%	-19%	-21%	-7%
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	18%	14%	27%	20%	25%	7%	-28%	-78%	49%	49%	49%	10%
1966	Below Normal	-76%	-15%	-19%	29%	31%	29%	31%	31%	31%	-	31%	31%
1967	Wet	24%	60%	37%	-1%	-6%	13%	60%	28%	10%	42%	43%	26%
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	175%	227%	96%	5%	2%	27%	77%	44%	16%	46%	46%	48%
1970	Above Normal	442%	260%	239%	259%	187%	200%	365%	275%	1201%	5375%	686%	43%
1971	Below Normal	-38%	-38%	-36%	-35%	-35%	-35%	-35%	-35%	-35%	-35%	-35%	-35%
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-23%	-2%	-2%	4%	8%	7%	5%	7%	9%	8%	8%	2%
1974	Wet	46%	50%	66%	84%	91%	73%	23%	-46%	126%	126%	126%	-6%
1975	Wet	-26%	-16%	-18%	-24%	-18%	-13%	1%	24%	122%	122%	122%	-10%
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	61%	85%	42%	3%	-2%	4%	19%	35%	8%	50%	50%	31%
1979	Above Normal	193%	26%	70%	147%	138%	132%	212%	733%	2067%	3126%	-	-
1980	Wet	101%	92%	51%	-14%	-6%	8%	122%	370%	701%	382%	384%	333%
1981	Dry	2067%	123%	153%	105%	65%	74%	38%	54%	-49%	-49%	105%	429%
1982	Wet	73%	1391%	79%	-14%	-6%	6%	62%	302%	696%	888%	-	-
1983	Wet	-	19%	8%	5%	7%	7%	6%	7%	8%	5%	4%	5%
1984	Above Normal	223%	60%	105%	179%	180%	141%	259%	793%	2353%	3641%	3936%	332%
1985	Dry	256%	260%	266%	287%	287%	287%	287%	287%	287%	287%	287%	-
1986	Wet	8819%	10%	33%	45%	42%	42%	307%	5051%	1955%	3747%	3747%	235%
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	17%	-6%	-11%	22%	6%	19%	76%	820%	238%	1076%	1076%	14%
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	6%	10%	4%	4%	7%	7%	10%	6%	7%	4%	4%	5%
1996	Wet	173%	40%	81%	82%	74%	68%	242%	959%	3736%	-	-	393%
1997	Wet	190%	63%	109%	152%	127%	115%	488%	1144%	3590%	5547%	2046%	-
1998	Wet	34%	97%	23%	-4%	-8%	20%	29%	15%	7%	16%	16%	16%
1999	Above Normal	531%	261%	238%	257%	182%	203%	376%	304%	1027%	3907%	684%	50%
2000	Above Normal	-35%	-49%	-39%	14%	29%	13%	-38%	33%	-59%	-55%	32%	-9%
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-59%	-59%	-57%	-58%	-58%	-58%	-58%	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	76	79	67	0	0	0	0	0	0	35	26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	19	0	82	21	0	0	0	0	0	0	0	0
1937	Wet	0	12	10	83	0	0	0	0	0	21	72	67
1938	Wet	0	0	12	34	31	0	0	0	0	0	0	6
1939	Dry	14	60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	18	46	0	0	0	0	0	0	0	0
1941	Wet	33	64	9	42	0	0	0	0	0	0	20	58
1942	Wet	0	0	76	66	0	0	0	0	0	0	0	67
1943	Wet	0	0	74	14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	2
1945	Above Normal	0	0	0	4	0	0	0	0	0	30	68	10
1946	Above Normal	0	0	16	0	0	0	0	0	0	0	0	10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	74	74	69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	24
1952	Wet	0	0	12	47	0	0	0	0	0	0	18	12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1956	Wet	48	0	0	40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	12	46	0	0	0	0	0	0	0	0
1959	Dry	0	5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	70	69
1965	Wet	0	0	0	0	0	0	0	0	0	0	29	12
1966	Below Normal	0	0	54	0	0	0	0	0	0	0	3	68
1967	Wet	69	0	8	71	38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	12	0	40	0	0	0	0	0	38	7
1970	Above Normal	27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	83	0	0	0	0	0	0	74	29
1974	Wet	49	0	86	83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	2
1978	Wet	0	0	11	71	33	0	0	0	0	0	35	13
1979	Above Normal	40	0	63	51	0	0	0	0	0	0	0	0
1980	Wet	0	0	86	38	11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1982	Wet	74	0	86	38	0	0	0	78	71	0	0	0
1983	Wet	0	0	0	0	53	0	0	0	46	0	74	0
1984	Above Normal	32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	2
1986	Wet	0	78	80	77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1993	Wet	10	76	71	51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	10	69
1995	Wet	0	71	1	71	53	0	0	0	0	0	0	0
1996	Wet	0	70	68	74	0	0	0	0	0	0	0	0
1997	Wet	77	0	43	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	5	0	40	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 1 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	71	46	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	46	0	0	0	0	0	74	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1996	Wet	0	0	72	56	0	0	0	0	0	0	0	0
1997	Wet	43	0	6	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	19	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	-76	-79	-67	0	0	0	0	0	0	-35	-26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	-62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	-19	0	-82	-21	0	0	0	0	0	0	0	0
1937	Wet	0	-12	-10	-83	0	0	0	0	0	-21	-72	-67
1938	Wet	0	0	-12	38	16	0	0	0	0	0	0	-6
1939	Dry	-14	-60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	-18	-46	0	0	0	0	0	0	0	0
1941	Wet	-33	-64	-9	-42	0	0	0	0	0	0	-20	-58
1942	Wet	0	0	-76	-66	0	0	0	0	0	0	0	-67
1943	Wet	0	0	-74	-14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1945	Above Normal	0	0	0	-4	0	0	0	0	0	-30	-68	-10
1946	Above Normal	0	0	-16	0	0	0	0	0	0	0	0	-10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	-74	-74	-69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-24
1952	Wet	0	0	-12	-47	0	0	0	0	0	0	-18	-12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1956	Wet	-48	0	0	-40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	-12	-46	0	0	0	0	0	0	0	0
1959	Dry	0	-5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-70	-69
1965	Wet	0	0	0	0	0	0	0	0	0	0	-29	-12
1966	Below Normal	0	0	-54	0	0	0	0	0	0	0	-3	-68
1967	Wet	-69	0	-8	-71	-38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	-12	0	7	0	0	0	0	0	-38	-7
1970	Above Normal	-27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	-83	0	0	0	0	0	0	-74	-29
1974	Wet	-49	0	-86	-83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	-33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2
1978	Wet	0	0	-11	-71	-33	0	0	0	0	0	-35	-13
1979	Above Normal	-40	0	-63	-51	0	0	0	0	0	0	0	0
1980	Wet	0	0	-86	-38	-11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1982	Wet	-74	0	-86	-38	0	0	0	-78	-71	0	0	0
1983	Wet	0	0	0	0	-7	0	0	0	-46	0	0	0
1984	Above Normal	-32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1986	Wet	0	-78	-80	-77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1993	Wet	-10	-76	-71	-51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	-10	-69
1995	Wet	0	-71	-1	-71	-7	0	0	0	0	0	0	0
1996	Wet	0	-70	4	-18	0	0	0	0	0	0	0	0
1997	Wet	-34	0	-38	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	-5	0	-22	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	-32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1937	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%	-100%
1938	Wet	-	-	-100%	111%	51%	-	-	-	-	-	-	-100%
1939	Dry	-100%	-100%	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1941	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1942	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-100%
1943	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1945	Above Normal	-	-	-	-100%	-	-	-	-	-	-100%	-100%	-100%
1946	Above Normal	-	-	-100%	-	-	-	-	-	-	-	-	-100%
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1952	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1956	Wet	-100%	-	-	-100%	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1959	Dry	-	-100%	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1965	Wet	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1966	Below Normal	-100%	-	-100%	-	-	-	-	-	-	-	-100%	-100%
1967	Wet	-100%	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-100%	-	17%	-	-	-	-	-	-100%	-100%
1970	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-100%	-100%
1974	Wet	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-100%	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1978	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%
1979	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1980	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1982	Wet	-100%	-	-100%	-100%	-	-	-	-100%	-100%	-	-	-
1983	Wet	-	-	-	-	-13%	-	-	-	-100%	-	0%	-
1984	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1986	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1993	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1995	Wet	-	-100%	-100%	-100%	-12%	-	-	-	-	-	-	-
1996	Wet	-	-100%	6%	-25%	-	-	-	-	-	-	-	-
1997	Wet	-44%	-	-87%	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-100%	-	-54%	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,832	3,756	5,158	7,749	8,667	7,129	4,147	3,140	1,959	1,629	2,042	2,677
1923	Below Normal	2,223	2,743	3,870	5,628	6,119	5,272	3,491	2,723	1,614	1,176	1,313	1,725
1924	Critical	1,365	1,581	2,201	3,031	3,143	2,942	2,313	1,848	1,056	652	563	822
1925	Dry	2,110	2,630	4,125	6,049	6,625	5,640	3,620	2,805	1,681	1,265	1,457	1,963
1926	Dry	1,816	2,129	2,982	4,154	4,348	3,990	3,057	2,448	1,397	882	815	1,167
1927	Wet	2,310	2,953	4,149	6,088	6,671	5,674	3,632	2,813	1,688	1,273	1,470	1,911
1928	Above Normal	2,015	2,660	3,747	5,424	5,874	5,095	3,433	2,686	1,586	1,137	1,245	1,700
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,124	2,974	4,142	4,333	3,979	3,053	2,445	1,395	879	811	1,162
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,499	1,761	2,452	3,440	3,634	3,302	2,446	1,933	1,128	745	707	994
1933	Critical	1,298	1,496	2,083	2,837	2,911	2,771	2,251	1,808	1,021	608	496	741
1934	Critical	1,394	1,619	2,255	3,118	3,247	3,018	2,342	1,866	1,071	672	594	859
1935	Below Normal	1,506	1,713	3,225	4,551	4,824	4,339	3,185	2,529	1,467	972	954	1,288
1936	Below Normal	2,150	2,596	3,647	5,256	5,672	4,950	3,385	2,656	1,563	1,105	1,189	1,630
1937	Below Normal	1,698	2,457	3,477	4,973	5,332	4,705	3,305	2,605	1,525	1,052	1,094	1,511
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,878	2,400	3,365	4,785	5,106	4,063	3,251	2,572	1,499	1,016	1,032	1,383
1940	Above Normal	2,093	2,732	3,884	5,652	6,148	5,293	3,498	2,727	1,618	1,181	1,321	1,796
1941	Wet	2,649	3,533	4,900	7,318	8,148	6,755	4,025	3,063	1,899	1,547	1,899	2,496
1942	Wet	2,822	3,752	5,189	7,801	8,729	6,491	4,162	3,150	1,966	1,639	2,060	2,699
1943	Wet	2,812	3,505	4,930	7,368	8,209	6,799	4,039	3,072	1,906	1,556	1,916	2,431
1944	Dry	1,889	2,228	3,120	4,381	4,620	4,189	3,130	2,495	1,437	933	894	1,262
1945	Below Normal	2,168	3,141	4,416	6,525	7,196	6,059	3,774	2,903	1,766	1,373	1,624	2,163
1946	Below Normal	2,476	3,141	4,385	6,473	7,134	6,014	3,757	2,893	1,757	1,361	1,606	2,141
1947	Dry	1,985	2,640	3,711	5,363	5,801	5,043	3,416	2,676	1,578	1,126	1,224	1,617
1948	Below Normal	1,632	2,440	3,378	4,807	5,132	4,561	3,258	2,576	1,502	1,020	1,039	1,441
1949	Dry	1,972	3,043	4,239	6,235	6,848	5,804	3,680	2,844	1,714	1,307	1,522	2,041
1950	Below Normal	1,895	2,395	3,358	4,773	5,091	4,532	3,248	2,569	1,497	1,014	1,028	1,427
1951	Above Normal	2,541	3,141	4,405	6,505	7,173	6,042	3,768	2,899	1,762	1,368	1,617	2,081
1952	Wet	2,981	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1953	Wet	2,122	2,678	3,760	5,445	5,899	5,114	3,439	2,690	1,589	1,141	1,252	1,709
1954	Above Normal	2,145	2,684	3,751	5,430	5,881	4,955	3,435	2,688	1,587	1,138	1,247	1,703
1955	Dry	2,065	2,475	3,472	4,965	5,322	4,698	3,302	2,604	1,523	1,050	1,092	1,456
1956	Wet	2,979	3,680	5,012	7,505	8,374	6,412	4,078	3,097	1,925	1,583	1,961	2,575
1957	Above Normal	2,042	2,478	3,470	4,960	5,316	4,693	3,301	2,603	1,523	1,049	1,090	1,506
1958	Wet	2,830	3,763	5,518	8,350	9,390	7,650	4,318	3,249	2,041	1,743	2,243	2,930
1959	Below Normal	2,006	2,484	3,507	5,023	5,392	4,748	3,319	2,614	1,531	1,061	1,111	1,479
1960	Dry	1,810	2,429	3,406	4,854	5,189	3,558	3,271	2,584	1,508	1,029	1,055	1,461
1961	Dry	2,011	2,816	3,921	5,662	6,223	3,520	3,515	2,739	1,626	1,192	1,341	1,822
1962	Below Normal	2,124	2,694	3,794	5,501	5,966	5,162	3,455	2,700	1,597	1,152	1,270	1,733
1963	Wet	2,234	2,828	3,963	5,784	6,307	5,408	3,535	2,751	1,636	1,206	1,365	1,788
1964	Dry	2,109	2,538	3,563	5,117	5,504	4,829	3,346	2,631	1,544	1,079	1,142	1,571
1965	Wet	2,189	2,651	4,919	7,349	8,186	5,849	4,034	3,069	1,904	1,553	1,909	2,509
1966	Below Normal	2,251	2,790	3,901	5,681	6,183	5,318	3,506	2,733	1,622	1,186	1,330	1,808
1967	Wet	3,050	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,540	3,582	5,148	5,542	4,856	3,354	2,637	1,549	1,085	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,456	3,141	4,379	6,464	7,124	5,870	3,755	2,891	1,755	1,359	1,603	2,138
1971	Wet	1,979	2,492	3,495	5,003	5,367	4,730	3,313	2,611	1,529	1,057	1,104	1,471
1972	Below Normal	2,215	2,667	3,718	5,375	5,815	5,053	3,419	2,678	1,580	1,128	1,228	1,680
1973	Above Normal	2,295	2,974	4,171	6,124	6,716	5,707	3,644	2,821	1,695	1,282	1,483	1,995
1974	Wet	2,812	3,742	5,129	7,700	8,608	5,771	4,133	3,132	1,952	1,619	2,026	2,657
1975	Wet	2,455	3,250	4,406	6,507	7,175	5,054	3,768	2,900	1,763	1,369	1,618	2,081
1976	Critical	1,639	1,891	2,650	3,613	3,698	3,513	2,881	2,336	1,301	759	625	940
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,604	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1979	Below Normal	2,045	2,852	4,016	5,870	6,411	5,483	3,562	2,768	1,650	1,224	1,394	1,823
1980	Above Normal	2,835	3,543	4,985	7,461	8,320	6,879	4,065	3,089	1,919	1,574	1,946	2,556
1981	Dry	2,110	2,618	3,720	5,378	5,819	4,580	3,420	2,678	1,580	1,129	1,229	1,681
1982	Wet	3,031	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,141	4,417	6,526	7,197	6,060	3,774	2,904	1,766	1,373	1,624	2,163
1985	Dry	2,326	2,890	4,087	5,987	6,551	5,586	3,600	2,792	1,670	1,251	1,435	1,937
1986	Wet	2,277	3,114	4,380	6,465	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1987	Dry	1,506	2,221	3,110	4,364	4,600	4,175	3,125	2,491	1,434	930	889	1,212
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,422	3,397	4,839	5,170	4,589	3,267	2,581	1,506	1,026	1,050	1,455
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,733	2,413	3,377	3,558	3,246	2,426	1,920	1,117	730	685	934
1992	Critical	1,518	1,897	2,642	3,750	4,005	3,575	2,547	1,997	1,183	815	815	1,124
1993	Above Normal	2,249	3,255	4,372	6,452	7,108	4,897	3,750	2,888	1,753	1,356	1,598	2,132
1994	Critical	2,170	2,674	3,731	5,305	5,953	3,038	3,081	2,336	1,452	1,178	1,427	1,883
1995	Wet	2,827	3,822	5,353	8,074	9,058	7,411	4,240	3,199	2,003	1,691	2,151	2,717
1996	Wet	2,527	3,456	4,721	7,023	7,794	5,157	3,936	3,007	1,854	1,486	1,798	2,372
1997	Wet	2,797	3,483	4,898	7,315	8,145	6,192	4,024	3,062	1,899	1,546	1,898	2,495
1998	Wet	2,955	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1999	Wet	2,245	2,956	4,135	6,065	6,644	5,654	3,625	2,808	1,684	1,268	1,462	1,902
2000	Above Normal	2,214	2,909	4,065	5,951	6,507	5,554	3,588	2,785	1,664	1,242	1,423	1,922
2001	Dry	2,031	2,476	3,474	4,968	5,325	4,700	3,303	2,604	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,275	2,862	3,989	5,827	6,358	5,445	3,548	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,831	3,754	5,152	7,738	8,654	6,797	4,144	3,139	1,957	1,627	2,039	2,673
1923	Below Normal	2,215	2,730	3,851	5,597	6,082	5,246	3,482	2,718	1,610	1,170	1,302	1,712
1924	Critical	1,366	1,582	2,202	3,032	3,145	2,943	2,314	1,849	1,056	652	564	823
1925	Dry	2,110	2,629	4,129	6,055	6,632	5,646	3,622	2,806	1,682	1,266	1,459	1,966
1926	Dry	1,814	2,126	2,978	4,149	4,341	3,985	3,055	2,447	1,396	881	813	1,165
1927	Wet	2,310	2,954	4,150	6,089	6,674	5,676	3,633	2,813	1,689	1,274	1,471	1,912
1928	Above Normal	2,015	2,659	3,747	5,423	5,872	5,094	3,433	2,686	1,586	1,137	1,244	1,700
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,123	2,973	4,140	4,331	3,978	3,052	2,445	1,394	879	810	1,161
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,994	2,333	1,861	1,066	665	584	818
1932	Dry	1,499	1,760	2,451	3,439	3,633	3,301	2,446	1,933	1,128	745	706	993
1933	Critical	1,298	1,496	2,083	2,837	2,910	2,771	2,251	1,808	1,021	608	495	741
1934	Critical	1,392	1,618	2,253	3,114	3,243	3,015	2,340	1,865	1,070	671	593	857
1935	Below Normal	1,506	1,713	3,225	4,551	4,824	4,339	3,185	2,529	1,467	972	954	1,288
1936	Below Normal	2,150	2,595	3,646	5,255	5,670	4,949	3,385	2,656	1,563	1,105	1,188	1,629
1937	Below Normal	1,696	2,456	3,476	4,971	5,329	4,703	3,304	2,605	1,524	1,051	1,094	1,510
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,844	2,275	3,186	4,488	4,748	3,205	3,165	2,517	1,456	958	932	1,262
1940	Above Normal	2,120	2,771	3,940	5,746	6,261	5,374	3,524	2,744	1,631	1,198	1,352	1,836
1941	Wet	2,658	3,523	4,884	7,292	8,117	6,299	4,017	3,058	1,896	1,542	1,890	2,485
1942	Wet	2,815	3,740	5,173	7,773	8,696	6,473	4,154	3,145	1,962	1,633	2,051	2,688
1943	Wet	2,803	3,492	4,912	7,338	8,172	6,773	4,030	3,067	1,902	1,551	1,905	2,418
1944	Dry	1,896	2,238	3,133	4,402	4,645	4,208	3,137	2,499	1,441	938	902	1,271
1945	Below Normal	2,158	3,115	4,380	6,466	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1946	Below Normal	2,467	3,141	4,385	6,473	7,134	6,014	3,757	2,893	1,757	1,361	1,606	2,141
1947	Dry	1,985	2,647	3,721	5,379	5,820	5,056	3,420	2,678	1,580	1,129	1,230	1,624
1948	Below Normal	1,632	2,439	3,376	4,804	5,129	4,559	3,257	2,575	1,501	1,020	1,038	1,440
1949	Dry	1,972	3,041	4,236	6,230	6,842	5,800	3,678	2,842	1,713	1,306	1,520	2,039
1950	Below Normal	1,895	2,395	3,358	4,774	5,092	4,532	3,248	2,570	1,497	1,014	1,028	1,428
1951	Above Normal	2,541	3,141	4,405	6,505	7,173	6,042	3,768	2,899	1,762	1,368	1,617	2,081
1952	Wet	2,980	3,946	5,559	8,418	9,472	7,709	4,337	3,261	2,050	1,756	2,265	2,959
1953	Wet	2,089	2,629	3,689	5,326	5,757	5,011	3,405	2,669	1,573	1,119	1,212	1,660
1954	Above Normal	2,152	2,695	3,766	5,455	5,912	4,962	3,442	2,692	1,591	1,143	1,255	1,714
1955	Dry	2,063	2,471	3,467	4,956	5,311	4,690	3,300	2,602	1,522	1,048	1,089	1,452
1956	Wet	2,979	3,680	5,012	7,505	8,374	6,412	4,078	3,097	1,925	1,583	1,961	2,575
1957	Above Normal	2,042	2,478	3,470	4,960	5,316	4,694	3,301	2,603	1,523	1,049	1,090	1,506
1958	Wet	2,830	3,763	5,372	8,106	9,096	7,438	4,249	3,205	2,008	1,697	2,161	2,827
1959	Below Normal	2,021	2,506	3,539	5,076	5,455	4,794	3,334	2,624	1,539	1,071	1,129	1,501
1960	Dry	1,808	2,427	3,403	4,850	5,183	3,514	3,270	2,583	1,508	1,028	1,053	1,459
1961	Dry	2,011	2,815	3,920	5,661	6,220	3,515	3,515	2,738	1,626	1,192	1,341	1,822
1962	Below Normal	2,124	2,695	3,794	5,502	5,968	5,163	3,455	2,700	1,597	1,152	1,271	1,733
1963	Wet	2,229	2,821	3,952	5,766	6,285	5,392	3,530	2,748	1,633	1,202	1,359	1,781
1964	Dry	2,111	2,540	3,566	5,121	5,510	4,833	3,347	2,632	1,545	1,080	1,144	1,573
1965	Wet	2,166	2,618	4,874	7,274	8,096	5,487	4,012	3,055	1,894	1,539	1,884	2,478
1966	Below Normal	2,250	2,788	3,899	5,677	6,178	5,315	3,505	2,732	1,621	1,185	1,329	1,807
1967	Wet	3,041	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,540	3,582	5,148	5,542	4,856	3,354	2,637	1,549	1,085	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,467	3,141	4,379	6,464	7,124	5,873	3,755	2,891	1,755	1,359	1,603	2,138
1971	Wet	1,977	2,489	3,491	4,995	5,358	4,724	3,311	2,609	1,528	1,056	1,102	1,468
1972	Below Normal	2,216	2,668	3,719	5,377	5,817	5,055	3,419	2,678	1,580	1,128	1,229	1,681
1973	Above Normal	2,295	2,974	4,171	6,124	6,715	5,706	3,644	2,821	1,695	1,282	1,483	1,995
1974	Wet	2,784	3,695	5,061	7,587	8,472	5,502	4,101	3,111	1,936	1,598	1,988	2,609
1975	Wet	2,463	3,260	4,420	6,531	7,203	5,072	3,776	2,905	1,767	1,374	1,626	2,091
1976	Critical	1,637	1,889	2,648	3,609	3,693	3,510	2,880	2,335	1,300	758	624	938
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,572	3,946	5,499	8,319	9,352	6,981	4,309	3,243	2,037	1,737	2,232	2,917
1979	Below Normal	2,010	2,676	3,763	5,449	5,904	5,117	3,440	2,691	1,590	1,142	1,253	1,652
1980	Above Normal	2,837	3,547	4,990	7,469	8,330	6,886	4,068	3,090	1,920	1,576	1,949	2,560
1981	Dry	2,098	2,618	3,721	5,379	5,820	4,531	3,420	2,678	1,580	1,129	1,230	1,682
1982	Wet	3,012	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,141	4,417	6,526	7,197	6,060	3,774	2,904	1,766	1,373	1,624	2,163
1985	Dry	2,326	2,890	4,087	5,987	6,551	5,586	3,600	2,792	1,670	1,251	1,435	1,937
1986	Wet	2,260	3,114	4,380	6,465	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1987	Dry	1,506	2,213	3,099	4,346	4,578	4,159	3,119	2,487	1,431	926	882	1,205
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,418	3,391	4,829	5,159	4,580	3,264	2,579	1,505	1,024	1,047	1,451
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,732	2,412	3,374	3,555	3,244	2,425	1,919	1,116	730	684	933
1992	Critical	1,517	1,889	2,632	3,733	3,986	3,560	2,541	1,993	1,180	812	810	1,117
1993	Above Normal	2,243	3,243	4,355	6,425	7,076	4,877	3,742	2,883	1,748	1,350	1,589	2,121
1994	Critical	2,173	2,679	3,738	5,314	5,976	3,036	3,085	2,338	1,454	1,181	1,430	1,888
1995	Wet	2,802	3,722	5,177	7,781	8,705	7,156	4,156	3,146	1,963	1,635	2,053	2,598
1996	Wet	2,547	3,375	4,606	6,834	7,567	5,015	3,874	2,967	1,821	1,443	1,732	2,293
1997	Wet	2,797	3,483	4,898	7,315	8,145	6,088	4,024	3,062	1,899	1,546	1,898	2,495
1998	Wet	2,927	3,904	5,486	8,297	9,326	7,604	4,303	3,239	2,034	1,733	2,225	2,908
1999	Wet	2,250	2,963	4,144	6,080	6,663	5,668	3,630	2,812	1,687	1,272	1,468	1,908
2000	Above Normal	2,213	2,908	4,063	5,948	6,504	5,552	3,587	2,784	1,664	1,242	1,422	1,921
2001	Dry	2,031	2,476	3,475	4,969	5,327	4,701	3,304	2,605	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,274	2,861	3,987	5,824	6,355	5,442	3,547	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	-2	-3	-7	-11	-13	-332	-3	-2	-1	-2	-4	-5
1923	Below Normal	-9	-13	-18	-30	-37	-26	-9	-5	-4	-6	-10	-12
1924	Critical	1	1	1	2	2	2	1	0	0	0	1	1
1925	Dry	0	0	4	6	7	5	2	1	1	1	2	3
1926	Dry	-2	-2	-3	-6	-7	-5	-2	-1	-1	-1	-2	-2
1927	Wet	1	1	1	2	2	2	1	0	0	0	1	1
1928	Above Normal	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	-1	-1	-1	-2	-2	-2	-1	0	0	0	-1	-1
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	-1	-1	-1	-2	-1	0	0	0	0	0	-1
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	-1	-2	-2	-4	-4	-3	-1	-1	-1	-1	-1	-2
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	-1	-1	-1	-1	-1	0	0	0	0	0	-1
1937	Below Normal	-1	-1	-1	-2	-2	-2	-1	0	0	0	-1	-1
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	-35	-125	-179	-298	-358	-859	-87	-55	-43	-58	-100	-121
1940	Above Normal	27	39	56	94	113	81	27	17	13	18	31	39
1941	Wet	9	-11	-16	-26	-31	-456	-7	-5	-4	-5	-9	-11
1942	Wet	-8	-11	-16	-28	-33	-18	-8	-5	-4	-5	-9	-12
1943	Wet	-9	-13	-18	-30	-37	-26	-9	-5	-4	-6	-10	-12
1944	Dry	7	9	13	21	26	19	7	4	4	5	7	9
1945	Below Normal	-10	-26	-36	-59	-71	-52	-19	-12	-10	-13	-21	-25
1946	Below Normal	-10	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	-1	6	9	16	19	14	4	3	2	3	5	6
1948	Below Normal	0	-1	-2	-3	-3	-2	-1	0	0	-1	-1	-1
1949	Dry	0	-2	-3	-5	-6	-5	-2	-1	-1	-1	-2	-2
1950	Below Normal	0	0	0	1	1	1	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	-1	0	-7	-12	-15	-11	-4	-2	-2	-2	-4	-5
1953	Wet	-34	-49	-71	-118	-142	-103	-34	-21	-16	-22	-39	-50
1954	Above Normal	7	10	15	25	30	6	7	5	3	5	8	11
1955	Dry	-3	-4	-5	-9	-11	-8	-2	-2	-1	-2	-3	-4
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	-146	-244	-294	-212	-69	-44	-33	-46	-81	-103
1959	Below Normal	15	22	31	52	63	45	15	9	7	10	17	21
1960	Dry	-2	-2	-3	-5	-6	-44	-1	-1	-1	-1	-2	-2
1961	Dry	-1	-1	-1	-2	-2	-5	-1	0	0	0	-1	-1
1962	Below Normal	0	1	1	1	2	1	0	0	0	0	0	1
1963	Wet	-5	-8	-11	-18	-22	-16	-5	-3	-3	-3	-6	-7
1964	Dry	1	2	3	4	5	4	1	1	1	1	1	2
1965	Wet	-23	-33	-45	-75	-90	-362	-21	-13	-10	-14	-25	-31
1966	Below Normal	-1	-2	-2	-4	-5	-3	-1	-1	-1	-1	-1	-2
1967	Wet	-8	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	10	0	0	0	0	3	0	0	0	0	0	0
1971	Wet	-2	-3	-4	-7	-9	-6	-2	-1	-1	-1	-2	-3
1972	Below Normal	0	1	1	2	2	1	0	0	0	0	1	1
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	-28	-47	-68	-113	-136	-269	-32	-20	-16	-21	-38	-47
1975	Wet	8	10	14	23	28	17	8	5	4	5	8	10
1976	Critical	-1	-2	-3	-4	-5	-4	-1	-1	-1	-1	-1	-2
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-32	0	-67	-112	-135	-738	-32	-20	-15	-21	-37	-47
1979	Below Normal	-36	-176	-253	-421	-507	-366	-122	-77	-60	-82	-141	-171
1980	Above Normal	2	3	5	8	10	7	2	2	1	2	3	4
1981	Dry	-12	0	1	1	1	-49	0	0	0	0	0	0
1982	Wet	-19	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-17	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-8	-11	-18	-22	-16	-6	-4	-3	-4	-6	-7
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-4	-6	-10	-12	-8	-3	-2	-1	-2	-3	-4
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	-1	-2	-3	-3	-2	-1	-1	0	-1	-1	-1
1992	Critical	-1	-7	-10	-16	-20	-14	-5	-3	-3	-4	-6	-7
1993	Above Normal	-6	-12	-16	-27	-32	-20	-9	-6	-5	-6	-9	-11
1994	Critical	3	5	7	9	23	-1	4	2	2	2	4	5
1995	Wet	-25	-100	-176	-294	-353	-255	-83	-53	-40	-56	-98	-119
1996	Wet	20	-82	-116	-189	-227	-142	-61	-39	-33	-43	-66	-79
1997	Wet	0	0	0	1	1	-104	0	0	0	0	0	0
1998	Wet	-28	-43	-80	-134	-161	-116	-38	-24	-18	-25	-45	-56
1999	Wet	5	7	9	15	18	14	5	3	3	3	5	6
2000	Above Normal	-1	-1	-2	-3	-3	-2	-1	-1	0	-1	-1	-1
2001	Dry	0	1	1	1	2	1	0	0	0	0	0	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	-1	-1	-2	-3	-4	-3	-1	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	-1%	-1%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	-2%	-5%	-5%	-6%	-7%	-21%	-3%	-2%	-3%	-6%	-10%	-9%
1940	Above Normal	1%	1%	1%	2%	2%	2%	1%	1%	1%	2%	2%	2%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1944	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	1%
1945	Below Normal	0%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%	-1%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-2%	-3%	-3%
1954	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	1%	1%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	-3%	-3%	-3%	-3%	-2%	-1%	-2%	-3%	-4%	-3%
1959	Below Normal	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	2%	1%
1960	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	-1%	-1%	-1%	-1%	-1%	-6%	-1%	0%	-1%	-1%	-1%	-1%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-1%	-1%	-1%	-1%	-2%	-5%	-1%	-1%	-1%	-1%	-2%	-2%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	-1%	-1%	-1%	-10%	-1%	-1%	-1%	-1%	-2%	-2%
1979	Below Normal	-2%	-6%	-6%	-7%	-8%	-7%	-3%	-3%	-4%	-7%	-10%	-9%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	-1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	-3%	-3%	-4%	-4%	-3%	-2%	-2%	-2%	-3%	-5%	-4%
1996	Wet	1%	-2%	-2%	-3%	-3%	-3%	-2%	-1%	-2%	-3%	-4%	-3%
1997	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1998	Wet	-1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-2%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,415	5,380	5,294	3,930	3,301	3,111	3,042	2,765	3,166
1923	Below Normal	2,625	2,797	3,862	5,357	5,739	5,292	3,646	2,824	2,520	2,196	352	503
1924	Critical	789	1,398	1,938	2,868	2,979	2,486	1,663	1,060	860	707	319	485
1925	Dry	1,271	3,176	4,161	5,895	6,439	5,872	4,050	3,085	2,719	2,251	320	617
1926	Dry	1,195	1,945	3,416	4,830	5,276	4,814	3,333	2,537	2,233	1,847	447	2,092
1927	Wet	3,839	4,094	4,783	5,730	5,623	5,596	4,222	3,599	3,423	3,390	409	1,121
1928	Above Normal	1,232	4,641	5,337	6,345	6,228	6,203	4,728	4,052	3,866	3,823	311	423
1929	Critical	540	1,302	2,132	3,131	3,244	2,711	654	1,288	1,446	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	306	574
1931	Critical	856	1,754	2,367	3,502	3,633	3,035	2,025	1,294	1,051	866	415	786
1932	Dry	1,258	2,382	3,138	4,474	4,874	4,406	3,030	2,274	1,991	1,650	309	799
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	523
1934	Critical	902	2,037	2,745	4,054	4,207	2,776	439	2,570	2,136	1,682	322	793
1935	Below Normal	1,232	4,090	4,876	6,121	6,227	6,018	4,439	3,668	3,418	3,236	323	790
1936	Below Normal	3,944	4,454	5,262	6,281	6,163	6,137	4,653	3,977	3,789	3,749	359	704
1937	Below Normal	1,634	5,502	6,322	7,512	7,370	7,346	5,599	4,801	4,585	4,534	529	3,957
1938	Wet	4,204	5,762	6,647	7,964	7,809	7,779	5,852	5,002	4,761	4,723	383	940
1939	Dry	1,484	3,188	4,185	3,629	6,802	4,025	4,475	1,599	1,260	3,733	303	481
1940	Above Normal	1,550	3,117	4,192	5,206	6,503	6,100	4,250	3,241	2,864	2,364	1,369	3,409
1941	Wet	3,745	4,602	5,332	6,410	6,287	6,258	4,694	3,995	3,796	3,766	2,469	3,217
1942	Wet	3,023	3,223	4,020	5,316	5,540	5,232	3,702	2,958	2,697	2,471	2,313	3,466
1943	Wet	3,500	5,107	5,904	7,097	6,961	6,930	5,194	4,422	1,278	5,309	296	388
1944	Dry	892	2,312	3,069	4,425	4,722	4,155	2,835	2,009	1,718	1,427	560	789
1945	Below Normal	3,876	4,437	5,120	6,116	6,002	5,976	4,525	3,865	3,681	3,642	2,787	3,603
1946	Below Normal	3,331	3,392	4,178	5,174	5,155	5,056	3,704	3,087	2,897	2,828	426	826
1947	Dry	1,646	4,620	5,314	6,319	6,202	6,178	4,706	4,032	3,848	3,805	315	414
1948	Below Normal	525	1,746	2,249	2,640	6,189	5,710	4,135	3,176	2,843	2,343	524	747
1949	Dry	1,071	3,549	4,514	6,166	6,600	4,781	4,717	3,593	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,828	3,715
1951	Above Normal	3,596	3,934	4,767	5,763	5,654	5,622	4,184	3,545	3,360	3,339	2,559	3,732
1952	Wet	3,667	4,387	6,109	7,346	7,203	7,172	5,373	4,574	4,346	4,316	2,525	1,236
1953	Wet	1,441	2,621	3,564	3,581	5,897	5,362	3,726	2,825	2,496	2,063	523	2,296
1954	Above Normal	1,714	2,995	4,010	5,549	6,186	5,747	3,951	2,999	2,638	2,182	477	888
1955	Dry	1,400	2,705	3,555	5,051	5,523	5,020	3,457	2,625	2,309	1,911	2,534	4,119
1956	Wet	4,165	4,640	5,392	6,512	6,386	6,355	4,732	4,015	3,809	3,785	536	810
1957	Above Normal	2,063	3,104	4,146	4,893	6,572	6,082	4,235	3,222	2,850	2,354	422	3,845
1958	Wet	3,819	5,774	6,657	7,969	7,815	7,786	5,864	5,016	2,585	5,288	564	954
1959	Below Normal	1,442	2,637	3,468	2,104	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,026	3,595	4,572	5,447	6,843	5,550	4,751	3,726	3,360	2,898	310	550
1961	Dry	798	2,746	3,599	4,885	5,605	4,557	2,541	699	3,001	3,219	321	436
1962	Below Normal	1,424	2,921	3,882	2,833	6,567	6,015	4,266	3,259	2,896	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,149	5,256	5,322	5,150	3,727	3,062	2,846	2,722	690	3,767
1964	Dry	2,526	3,705	4,404	5,503	5,562	5,404	3,962	3,280	3,062	2,938	1,621	3,450
1965	Wet	3,292	3,482	4,194	4,388	5,626	5,419	3,965	3,254	3,022	2,856	2,598	3,200
1966	Below Normal	2,676	2,893	3,891	5,362	5,725	5,295	3,663	2,849	2,549	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,767	7,738	5,821	4,973	4,733	4,695	423	1,142
1968	Below Normal	1,478	2,693	3,541	2,477	6,051	5,521	3,905	2,973	2,628	2,168	2,446	3,987
1969	Wet	4,197	5,551	6,417	7,720	7,569	7,538	5,640	4,802	4,564	4,533	2,782	3,643
1970	Wet	3,598	3,946	4,681	5,661	5,554	5,522	4,109	3,481	3,299	3,278	2,573	3,240
1971	Wet	2,522	2,912	3,944	5,395	5,734	5,324	3,698	2,891	2,596	2,297	986	3,033
1972	Below Normal	2,893	3,052	3,947	5,519	5,957	5,466	3,770	2,900	2,576	2,205	463	3,940
1973	Above Normal	3,799	4,148	4,956	5,958	5,845	5,815	4,366	3,713	3,527	3,498	2,791	4,147
1974	Wet	3,980	4,395	5,099	6,165	6,047	6,015	4,473	3,791	3,594	3,573	1,558	1,352
1975	Wet	3,744	4,203	4,858	5,824	5,714	5,687	4,284	3,652	3,474	3,442	430	783
1976	Critical	1,342	3,053	4,006	5,208	6,309	4,820	4,290	3,266	2,897	2,087	312	425
1977	Critical	520	967	455	79	205	176	1,317	551	2,238	3,025	303	912
1978	Above Normal	3,373	3,770	4,699	5,830	5,869	5,719	4,234	3,528	3,306	3,177	518	804
1979	Below Normal	3,966	4,328	5,025	6,004	5,891	5,865	4,441	3,792	3,611	3,573	482	4,224
1980	Above Normal	4,349	5,710	6,590	7,903	7,749	7,719	5,801	4,954	4,168	4,979	510	812
1981	Dry	1,275	2,780	3,755	2,713	6,374	5,831	4,131	3,151	2,795	2,307	2,275	3,522
1982	Wet	3,816	5,656	6,532	7,844	7,692	7,662	5,745	4,900	4,660	4,626	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,434	5,547	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,755	5,646	5,614	4,173	3,534	3,349	3,329	2,645	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,684	5,742	6,611	7,876	7,733	7,696	5,827	5,012	2,513	5,268	302	410
1987	Dry	501	1,331	1,797	2,649	2,750	2,298	1,546	990	804	660	323	651
1988	Critical	526	1,004	1,426	2,110	2,195	1,829	1,231	783	632	518	450	715
1989	Dry	776	4,039	4,897	6,192	6,330	5,942	4,520	3,720	3,456	3,249	308	466
1990	Critical	681	1,534	2,070	3,057	3,173	2,651	1,776	1,135	923	759	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,399	1,888	2,784	2,890	2,374	1,642	862	744	989	327	3,446
1993	Above Normal	3,331	3,391	4,189	3,808	6,086	5,770	4,184	3,368	3,087	2,809	496	807
1994	Critical	1,557	3,065	4,024	4,654	6,468	3,278	3,234	1,001	2,459	3,861	316	2,662
1995	Wet	2,188	5,263	6,061	7,232	7,094	7,068	5,356	4,580	2,901	3,970	1,775	1,816
1996	Wet	3,311	3,992	4,618	5,547	5,443	5,415	4,071	3,464	3,293	3,264	2,589	3,758
1997	Wet	3,836	4,720	5,467	6,591	6,464	6,434	4,802	4,079	3,872	3,847	525	3,389
1998	Wet	3,607	4,281	5,010	6,016	5,902	5,873	4,416	3,758	3,571	3,540	3,007	3,698
1999	Wet	3,581	3,918	4,742	5,736	5,627	5,595	4,161	3,524	3,340	3,320	528	2,481
2000	Above Normal	2,541	3,544	4,411	5,731	5,932	5,644	4,060	3,281	3,013	2,785	300	467
2001	Dry	865	2,089	2,808	4,130	4,302	3,633	2,437	1,591	1,307	1,081	417	918
2002	Dry	1,392	4,434	5,100	6,065	5,953	4,762	4,840	1,939	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,421	5,604	5,563	5,477	4,119	3,484	3,300	3,225	2,779	3,161
1923	Below Normal	2,604	2,793	3,859	5,549	5,929	5,478	3,835	3,004	2,705	2,373	535	504
1924	Critical	790	1,399	1,939	2,869	2,980	2,487	1,664	1,061	860	707	319	484
1925	Dry	1,270	3,178	4,164	5,938	6,481	5,913	4,092	3,125	2,760	2,291	358	616
1926	Dry	1,194	1,942	3,413	4,827	5,272	4,811	3,330	2,536	2,232	1,846	447	2,090
1927	Wet	3,839	4,095	4,783	5,919	5,806	5,779	4,411	3,782	3,612	3,573	592	1,118
1928	Above Normal	1,232	4,642	5,337	6,424	6,304	6,279	4,807	4,128	3,945	3,900	387	423
1929	Critical	540	1,301	2,131	3,129	3,242	2,710	653	1,288	1,445	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	307	574
1931	Critical	856	1,754	2,366	3,500	3,631	3,033	2,024	1,293	1,051	865	415	786
1932	Dry	1,258	2,382	3,138	4,663	5,056	4,589	3,219	2,457	2,180	1,830	491	798
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	522
1934	Critical	901	2,036	2,743	4,052	4,204	2,769	439	2,566	2,135	1,680	322	792
1935	Below Normal	1,226	4,060	4,857	6,288	6,408	6,183	4,594	3,807	3,555	3,356	480	790
1936	Below Normal	3,935	4,454	5,263	6,471	6,347	6,321	4,843	4,161	3,979	3,933	358	704
1937	Below Normal	1,633	5,503	6,322	7,701	7,553	7,529	5,788	4,984	4,774	4,534	466	3,840
1938	Wet	4,080	5,794	6,682	7,982	8,032	8,000	6,068	5,222	4,985	4,940	718	806
1939	Dry	1,133	2,697	3,543	1,481	6,743	4,414	4,124	1,850	1,423	3,896	473	483
1940	Above Normal	1,551	3,118	4,193	5,375	6,658	6,259	4,414	3,400	3,028	2,446	1,368	3,409
1941	Wet	3,730	4,585	5,312	6,576	6,448	6,418	4,866	4,163	3,971	3,837	2,473	3,223
1942	Wet	3,016	3,222	4,019	5,505	5,723	5,415	3,891	3,140	2,885	2,653	2,312	3,430
1943	Wet	3,467	5,079	5,871	7,247	7,105	7,075	5,354	4,580	1,230	5,708	479	388
1944	Dry	897	2,311	3,069	4,511	4,805	4,239	2,921	2,092	1,804	1,511	644	788
1945	Below Normal	3,823	4,443	5,126	6,312	6,191	6,165	4,720	4,053	3,875	3,830	2,967	3,599
1946	Below Normal	3,327	3,356	4,156	5,357	5,355	5,237	3,873	3,239	3,047	2,958	597	832
1947	Dry	1,644	4,633	5,329	6,372	6,253	6,229	4,755	4,078	3,894	3,850	349	414
1948	Below Normal	525	1,746	2,268	2,640	6,193	5,713	4,141	3,179	2,845	2,336	522	744
1949	Dry	1,068	3,526	4,497	6,166	6,614	4,758	4,718	3,591	2,083	2,438	323	439
1950	Below Normal	886	2,852	3,737	2,025	6,613	6,023	4,204	3,196	2,831	2,323	2,788	3,719
1951	Above Normal	3,600	3,938	4,770	5,956	5,840	5,809	4,376	3,731	3,552	3,525	2,743	3,726
1952	Wet	3,661	4,380	5,218	6,311	6,358	6,326	4,772	4,073	3,880	3,850	3,073	3,105
1953	Wet	2,270	2,748	3,801	5,512	5,955	5,449	3,767	2,906	2,590	2,219	636	2,934
1954	Above Normal	1,887	2,984	4,015	5,738	6,277	5,701	3,897	2,953	2,594	2,147	463	915
1955	Dry	1,438	2,772	3,642	5,175	5,658	5,143	3,541	2,689	2,365	1,958	2,453	4,064
1956	Wet	4,178	4,653	5,404	6,713	6,581	6,550	4,932	4,208	4,008	3,978	721	810
1957	Above Normal	2,006	3,104	4,144	5,004	6,718	6,234	4,393	3,373	3,006	2,504	567	3,842
1958	Wet	3,816	5,771	6,654	8,155	7,994	7,965	6,051	5,196	2,735	5,467	747	952
1959	Below Normal	1,442	2,637	3,468	2,117	6,079	5,537	3,879	2,946	2,604	2,152	318	400
1960	Dry	1,022	3,597	4,573	5,451	6,843	5,560	4,748	3,724	3,358	2,897	310	551
1961	Dry	798	2,746	3,599	4,886	5,605	4,555	2,542	698	2,999	3,216	321	436
1962	Below Normal	1,425	2,920	3,882	3,006	6,735	6,183	4,440	3,427	3,069	2,559	2,826	3,394
1963	Wet	3,196	3,282	4,150	5,445	5,505	5,333	3,916	3,246	3,035	2,905	876	3,767
1964	Dry	2,527	3,705	4,404	5,503	5,560	5,402	3,962	3,281	3,063	2,939	1,621	3,449
1965	Wet	3,291	3,481	4,193	4,572	5,812	5,604	4,155	3,437	3,210	3,038	2,782	3,200
1966	Below Normal	2,677	2,893	3,891	5,478	5,836	5,407	3,779	2,961	2,665	2,349	541	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,951	7,921	6,010	5,156	4,399	5,095	603	1,084
1968	Below Normal	1,481	2,705	3,556	2,638	6,199	5,668	4,053	3,114	2,773	2,307	2,436	3,942
1969	Wet	4,202	5,556	6,422	7,726	7,758	7,727	5,834	4,989	4,757	4,720	2,725	3,565
1970	Wet	3,515	3,969	4,645	5,804	5,692	5,661	4,267	3,637	3,463	3,436	2,771	3,261
1971	Wet	2,606	2,932	3,956	5,479	5,795	5,403	3,795	2,995	2,710	2,421	1,104	3,006
1972	Below Normal	2,894	3,061	3,954	5,521	5,954	5,467	3,773	2,905	2,582	2,214	463	3,940
1973	Above Normal	3,799	4,148	4,956	6,139	6,020	5,990	4,546	3,888	3,707	3,673	2,966	4,137
1974	Wet	3,970	4,382	5,084	6,337	6,212	6,181	4,649	3,963	3,773	3,745	1,768	1,365
1975	Wet	3,741	4,196	4,850	5,998	5,883	5,855	4,460	3,822	3,650	3,613	605	783
1976	Critical	1,346	3,061	4,016	5,231	6,322	4,819	4,301	3,278	2,904	2,043	312	425
1977	Critical	520	967	450	79	205	176	1,317	551	2,236	3,020	303	912
1978	Above Normal	3,126	3,608	4,573	6,080	6,260	5,987	4,394	3,602	3,340	3,109	704	806
1979	Below Normal	3,794	4,143	4,810	5,937	5,824	5,798	4,441	3,812	3,645	3,601	1,713	4,081
1980	Above Normal	4,246	4,725	5,651	6,996	6,858	6,827	5,156	4,406	4,199	4,165	639	1,822
1981	Dry	2,106	3,069	4,180	5,639	6,636	6,079	4,263	3,295	2,939	2,487	2,435	3,528
1982	Wet	3,813	5,655	6,531	8,032	7,873	7,843	5,933	5,082	4,659	4,625	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,617	5,737	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,944	5,828	5,797	4,362	3,717	3,538	3,512	2,827	3,280
1985	Dry	3,651	3,898	4,675	5,752	5,642	5,611	4,210	3,582	3,405	3,379	407	680
1986	Wet	4,568	5,754	6,625	8,071	7,930	7,890	6,025	5,213	2,366	5,453	485	410
1987	Dry	501	1,331	1,797	2,648	2,749	2,297	1,546	989	804	660	323	652
1988	Critical	526	1,004	1,442	2,134	2,220	1,849	1,245	792	639	524	447	711
1989	Dry	771	4,016	4,885	6,198	6,351	5,785	4,563	3,751	3,482	3,261	308	473
1990	Critical	689	1,546	2,086	3,082	3,198	2,672	1,789	1,144	930	765	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,374	1,856	2,736	2,840	2,334	1,613	884	736	931	329	3,451
1993	Above Normal	3,342	3,400	4,195	4,031	6,252	5,940	4,369	3,552	3,280	2,998	679	807
1994	Critical	1,554	3,061	4,019	4,700	6,450	3,275	3,234	996	2,456	3,863	316	2,662
1995	Wet	2,188	5,263	6,061	7,421	6,932	7,321	5,615	3,450	821	4,127	1,961	1,814
1996	Wet	3,310	3,980	4,604	5,719	5,609	5,581	4,247	3,636	3,471	3,409	2,590	3,759
1997	Wet	3,839	4,720	5,466	6,780	6,647	6,616	4,991	4,262	4,061	4,029	706	3,388
1998	Wet	3,605	4,280	4,982	5,983	5,870	6,024	4,581	3,920	3,740	3,601	3,191	3,698
1999	Wet	3,581	3,918	4,742	5,925	5,810	5,778	4,350	3,707	3,529	3,502	711	2,483
2000	Above Normal	2,497	3,521	4,398	5,902	6,115	5,812	4,221	3,428	3,160	2,916	458	471
2001	Dry	869	2,091	2,811	4,133	4,307	3,640	2,442	1,596	1,312	1,085	417	918
2002	Dry	1,392	4,428	5,094	6,058	5,946	4,712	4,846	2,010	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,414	6,113	5,580	3,955	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	189	183	183	189	183	189	182	15	-5
1923	Below Normal	-21	-4	-2	192	190	186	189	181	186	177	183	1
1924	Critical	1	1	1	1	1	1	1	0	0	0	0	-1
1925	Dry	-1	2	2	43	42	42	42	40	41	40	38	-1
1926	Dry	-1	-3	-2	-3	-4	-3	-2	-2	-1	-1	0	-2
1927	Wet	0	0	0	189	183	183	189	183	189	183	183	-3
1928	Above Normal	0	0	0	79	76	76	79	76	79	76	76	0
1929	Critical	0	-1	-1	-2	-2	-1	-1	-1	-1	1	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	-1	-1	-1	-2	-1	-1	-1	0	0	0	0
1932	Dry	0	0	0	189	183	183	189	183	189	180	182	-1
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	-1
1934	Critical	-1	-1	-2	-2	-3	-6	0	-4	-1	-1	0	-2
1935	Below Normal	-6	-30	-19	167	182	165	155	139	138	120	157	0
1936	Below Normal	-9	1	1	190	184	184	190	184	190	184	0	0
1937	Below Normal	-1	0	0	189	183	183	189	183	189	0	-63	-118
1938	Wet	-124	32	35	18	223	221	216	219	225	218	335	-134
1939	Dry	-350	-492	-642	-2,148	-59	389	-351	251	163	163	169	2
1940	Above Normal	0	1	1	169	155	160	164	159	164	81	-1	0
1941	Wet	-15	-17	-19	166	160	160	172	168	175	71	4	5
1942	Wet	-7	-1	-1	189	183	183	189	182	188	182	0	-36
1943	Wet	-32	-28	-33	149	144	144	160	158	-48	399	183	0
1944	Dry	5	0	-1	86	83	83	86	83	86	84	84	0
1945	Below Normal	-53	6	6	196	190	190	195	188	194	188	180	-4
1946	Below Normal	-4	-36	-22	183	200	180	169	152	151	130	171	6
1947	Dry	-2	13	15	53	51	51	48	45	46	45	34	0
1948	Below Normal	0	1	19	0	5	3	7	4	3	-7	-2	-2
1949	Dry	-3	-23	-16	0	14	-23	1	-2	0	0	0	0
1950	Below Normal	0	0	0	18	17	17	18	17	18	0	-40	4
1951	Above Normal	3	4	3	192	186	186	192	186	192	186	183	-6
1952	Wet	-6	-7	-891	-1,035	-846	-845	-600	-501	-466	-466	549	1,870
1953	Wet	830	127	237	1,930	58	87	40	81	94	157	113	638
1954	Above Normal	173	-11	5	189	92	-46	-55	-46	-45	-35	-13	27
1955	Dry	38	67	87	124	135	123	84	64	57	47	-80	-55
1956	Wet	13	13	11	201	195	195	200	193	199	193	185	0
1957	Above Normal	-57	-1	-2	111	146	152	157	151	156	150	145	-3
1958	Wet	-3	-3	-3	185	179	179	187	180	151	179	184	-2
1959	Below Normal	0	0	0	13	13	13	14	13	14	13	13	0
1960	Dry	-4	1	1	4	0	10	-3	-2	-2	-1	0	0
1961	Dry	0	0	0	1	0	-2	1	-1	-2	-2	0	0
1962	Below Normal	1	0	0	173	168	168	174	168	174	168	168	0
1963	Wet	0	0	0	189	183	183	189	183	189	183	186	0
1964	Dry	1	0	0	-1	-2	-2	0	1	1	1	-1	-1
1965	Wet	-1	-2	-1	183	186	185	190	183	189	182	183	0
1966	Below Normal	1	0	0	116	112	112	116	112	116	113	112	0
1967	Wet	0	0	0	0	183	183	189	183	-333	401	180	-58
1968	Below Normal	3	12	15	161	148	147	148	141	145	139	-10	-44
1969	Wet	5	5	5	6	189	189	194	188	194	187	-57	-78
1970	Wet	-83	23	-37	143	138	139	158	157	164	158	198	21
1971	Wet	84	20	11	84	61	78	97	105	114	124	118	-27
1972	Below Normal	1	8	6	1	-3	1	3	5	6	9	-1	0
1973	Above Normal	0	0	0	181	175	175	181	175	181	175	175	-10
1974	Wet	-11	-13	-15	171	166	166	176	172	178	172	210	13
1975	Wet	-3	-7	-7	174	168	168	175	170	176	170	175	0
1976	Critical	4	7	10	23	13	-1	12	12	7	-44	0	0
1977	Critical	0	0	-6	0	0	0	0	0	-1	-4	0	0
1978	Above Normal	-247	-162	-126	250	391	268	160	74	34	-67	187	2
1979	Below Normal	-171	-185	-215	-67	-68	-68	0	20	33	28	1,230	-143
1980	Above Normal	-103	-985	-939	-908	-891	-892	-644	-548	31	-813	129	1,010
1981	Dry	831	289	425	2,926	262	248	132	143	144	180	160	6
1982	Wet	-3	-1	-2	187	181	181	188	182	-1	-1	0	0
1983	Wet	0	0	0	0	0	183	189	0	0	0	0	0
1984	Wet	0	0	0	189	183	183	189	183	189	183	183	0
1985	Dry	0	0	0	104	101	101	104	101	104	101	101	0
1986	Wet	-116	13	14	195	197	194	198	201	-147	186	183	0
1987	Dry	0	-1	-1	-1	-1	-1	-1	0	0	0	0	1
1988	Critical	0	0	17	24	25	21	14	9	7	6	-3	-5
1989	Dry	-6	-23	-13	6	20	-157	43	31	26	13	0	7
1990	Critical	8	12	16	24	25	21	14	9	7	6	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	-24	-33	-48	-49	-40	-28	21	-8	-58	2	6
1993	Above Normal	11	9	5	222	166	170	184	184	192	188	184	0
1994	Critical	-4	-4	-5	46	-18	-3	0	-5	-3	1	0	0
1995	Wet	0	0	0	189	-162	253	259	-1,131	-2,081	158	186	-1
1996	Wet	-1	-13	-14	172	166	166	176	172	178	145	1	1
1997	Wet	3	-1	-1	188	182	182	189	182	189	182	181	-1
1998	Wet	-1	-1	-28	-33	-32	151	164	162	169	61	184	0
1999	Wet	0	0	0	189	183	183	189	183	189	183	183	2
2000	Above Normal	-44	-24	-13	171	183	169	161	147	147	131	158	4
2001	Dry	4	3	3	4	5	6	5	5	5	4	0	0
2002	Dry	0	-5	-6	-7	-7	-50	6	70	0	0	0	0
2003	Above Normal	0	0	0	52	51	51	52	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	3%	3%	3%	5%	6%	6%	6%	1%	0%
1923	Below Normal	-1%	0%	0%	4%	3%	4%	5%	6%	7%	8%	52%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	1%	1%	1%	1%	1%	2%	2%	12%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	3%	3%	3%	4%	5%	6%	5%	45%	0%
1928	Above Normal	0%	0%	0%	1%	1%	1%	2%	2%	2%	2%	25%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	4%	4%	4%	6%	8%	9%	11%	59%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-1%	-1%	0%	3%	3%	3%	3%	4%	4%	4%	49%	0%
1936	Below Normal	0%	0%	0%	3%	3%	3%	4%	5%	5%	5%	0%	0%
1937	Below Normal	0%	0%	0%	3%	2%	2%	3%	4%	4%	0%	-12%	-3%
1938	Wet	-3%	1%	1%	0%	3%	3%	4%	4%	5%	5%	88%	-14%
1939	Dry	-24%	-15%	-15%	-59%	-1%	10%	-8%	16%	13%	4%	56%	0%
1940	Above Normal	0%	0%	0%	3%	2%	3%	4%	5%	6%	3%	0%	0%
1941	Wet	0%	0%	0%	3%	3%	3%	4%	4%	5%	2%	0%	0%
1942	Wet	0%	0%	0%	4%	3%	3%	5%	6%	7%	7%	0%	-1%
1943	Wet	-1%	-1%	-1%	2%	2%	2%	3%	4%	-4%	8%	62%	0%
1944	Dry	1%	0%	0%	2%	2%	2%	3%	4%	5%	6%	15%	0%
1945	Below Normal	-1%	0%	0%	3%	3%	3%	4%	5%	5%	5%	6%	0%
1946	Below Normal	0%	-1%	-1%	4%	4%	4%	5%	5%	5%	5%	40%	1%
1947	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	11%	0%
1948	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	1%	1%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	3%	3%	3%	5%	5%	6%	6%	7%	0%
1952	Wet	0%	0%	-15%	-14%	-12%	-12%	-11%	-11%	-11%	-11%	22%	151%
1953	Wet	58%	5%	7%	54%	1%	2%	1%	3%	4%	8%	22%	28%
1954	Above Normal	10%	0%	0%	3%	1%	-1%	-1%	-2%	-2%	-2%	-3%	3%
1955	Dry	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	3%	3%	3%	4%	5%	5%	5%	35%	0%
1957	Above Normal	-3%	0%	0%	2%	2%	2%	4%	5%	5%	6%	34%	0%
1958	Wet	0%	0%	0%	2%	2%	2%	3%	4%	6%	3%	33%	0%
1959	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	4%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	6%	3%	3%	4%	5%	6%	7%	6%	0%
1963	Wet	0%	0%	0%	4%	3%	4%	5%	6%	7%	7%	27%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	4%	3%	3%	5%	6%	6%	6%	7%	0%
1966	Below Normal	0%	0%	0%	2%	2%	2%	3%	4%	5%	5%	26%	0%
1967	Wet	0%	0%	0%	0%	2%	2%	3%	4%	-7%	9%	42%	-5%
1968	Below Normal	0%	0%	0%	6%	2%	3%	4%	5%	6%	6%	0%	-1%
1969	Wet	0%	0%	0%	0%	2%	3%	3%	4%	4%	4%	-2%	-2%
1970	Wet	-2%	1%	-1%	3%	2%	3%	4%	5%	5%	5%	8%	1%
1971	Wet	3%	1%	0%	2%	1%	1%	3%	4%	4%	5%	12%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	3%	3%	3%	4%	5%	5%	5%	6%	0%
1974	Wet	0%	0%	0%	3%	3%	3%	4%	5%	5%	5%	13%	1%
1975	Wet	0%	0%	0%	3%	3%	3%	4%	5%	5%	5%	41%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1977	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-7%	-4%	-3%	4%	7%	5%	4%	2%	1%	-2%	36%	0%
1979	Below Normal	-4%	-4%	-4%	-1%	-1%	-1%	0%	1%	1%	1%	255%	-3%
1980	Above Normal	-2%	-17%	-14%	-11%	-12%	-12%	-11%	-11%	1%	-16%	25%	124%
1981	Dry	65%	10%	11%	108%	4%	4%	3%	5%	5%	8%	7%	0%
1982	Wet	0%	0%	0%	2%	2%	2%	3%	4%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	2%	3%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	3%	3%	3%	5%	5%	6%	5%	7%	0%
1985	Dry	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	33%	0%
1986	Wet	-2%	0%	0%	2%	3%	3%	3%	4%	-6%	4%	61%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	-3%	1%	1%	1%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-2%	-2%	-2%	-2%	-2%	-2%	2%	-1%	-6%	1%	0%
1993	Above Normal	0%	0%	0%	6%	3%	3%	4%	5%	6%	7%	37%	0%
1994	Critical	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	3%	-2%	4%	5%	-25%	-72%	4%	10%	0%
1996	Wet	0%	0%	0%	3%	3%	3%	4%	5%	5%	4%	0%	0%
1997	Wet	0%	0%	0%	3%	3%	3%	4%	4%	5%	5%	35%	0%
1998	Wet	0%	0%	-1%	-1%	-1%	3%	4%	4%	5%	2%	6%	0%
1999	Wet	0%	0%	0%	3%	3%	3%	5%	5%	6%	6%	35%	0%
2000	Above Normal	-2%	-1%	0%	3%	3%	3%	4%	4%	5%	5%	53%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	-1%	0%	4%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	2%	1%	1%	1%	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	870	4,787	6,425	8,229	8,269	6,337	1,662	1,684	926	471	229	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,591	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,430	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,484	8,175	7,639	5,683	1,986	1,252	542	488	210	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,238	8,003	6,127	2,236	1,805	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,755	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,427	6,475	6,396	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,038	4,754	6,330	6,282	4,770	1,476	257	557	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,323	7,909	6,057	2,167	1,766	1,005	369	218	244
1937	Below Normal	199	4,842	6,102	7,650	7,868	6,030	2,198	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	486	306	515
1939	Dry	1,023	7,300	5,456	7,965	7,579	5,829	1,793	1,498	966	424	220	237
1940	Above Normal	243	5,039	5,609	9,099	8,888	6,859	2,581	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,629	6,433	8,729	8,566	6,622	2,537	1,912	924	484	247	266
1944	Dry	334	5,399	5,205	7,704	7,636	5,818	2,007	1,439	667	421	235	240
1945	Below Normal	217	5,662	5,420	8,058	8,419	6,464	2,465	1,140	788	332	325	187
1946	Below Normal	333	7,050	6,445	8,714	8,318	6,499	2,420	1,800	756	366	366	276
1947	Dry	244	5,663	5,976	7,438	8,036	6,113	2,312	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,304	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,614	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,089	8,021	7,713	5,879	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,768	5,607	9,032	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	471	5,237	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,309	6,578	8,962	8,956	6,261	2,632	2,017	617	386	247	202
1955	Dry	667	5,404	5,987	8,027	7,686	5,860	1,826	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	413	7,035	6,621	8,421	8,180	6,171	1,305	1,899	1,021	438	240	259
1960	Dry	213	5,415	5,408	8,084	7,706	5,861	2,162	1,702	649	452	218	244
1961	Dry	220	5,405	5,899	8,021	8,081	6,118	2,079	1,779	638	414	260	250
1962	Below Normal	217	6,265	6,443	8,512	8,531	6,513	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,090	6,141	7,560	7,676	5,803	1,996	1,287	633	361	218	244
1965	Wet	526	4,480	6,583	8,849	8,583	5,702	2,523	2,023	544	469	251	276
1966	Below Normal	412	6,992	6,703	8,602	8,341	6,421	2,426	1,918	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	477	7,386	5,651	8,630	8,555	6,574	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,126	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,067	6,033	7,587	7,315	4,972	1,685	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	239	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,070	6,153	8,454	8,078	6,115	2,184	1,231	731	316	220	237
1980	Above Normal	244	5,267	6,090	8,464	8,515	6,654	2,496	1,853	985	401	247	276
1981	Dry	219	4,900	5,914	8,894	8,563	6,609	2,239	1,240	601	381	245	273
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,674	6,037	7,856	7,495	5,707	1,994	1,536	627	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,357	6,381	7,943	8,037	6,077	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,974	4,732	6,667	6,637	5,052	1,717	1,154	610	270	128	208
1992	Critical	210	4,110	5,167	6,430	6,779	5,038	1,662	956	526	285	206	233
1993	Above Normal	217	5,463	4,954	8,175	9,114	6,954	2,770	1,697	776	502	247	276
1994	Critical	435	5,640	4,473	7,381	7,161	5,517	1,980	1,459	488	365	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,937	6,100	7,844	7,813	5,958	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	868	4,784	6,421	8,224	8,263	6,331	1,660	1,683	926	471	228	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,592	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,170	8,453	6,429	2,159	1,894	787	408	229	256
1926	Dry	484	3,205	5,483	8,173	7,637	5,682	1,985	1,252	542	488	209	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,115	8,237	8,002	6,127	2,236	1,804	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,754	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,426	6,475	6,395	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,037	4,753	6,329	6,280	4,769	1,476	250	556	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,322	7,909	6,056	2,167	1,765	1,004	369	218	244
1937	Below Normal	199	4,842	6,102	7,649	7,868	6,030	2,197	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	556	306	515
1939	Dry	1,012	7,241	5,408	7,898	7,507	5,769	1,769	1,489	963	422	219	236
1940	Above Normal	243	5,044	5,621	9,119	8,911	6,877	2,590	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,627	6,427	8,722	8,558	6,616	2,534	1,911	924	484	247	266
1944	Dry	334	5,403	5,210	7,710	7,643	5,825	2,010	1,440	667	422	235	240
1945	Below Normal	217	5,658	5,415	8,051	8,411	6,457	2,461	1,139	787	331	324	187
1946	Below Normal	333	7,051	6,446	8,716	8,320	6,501	2,421	1,801	756	366	366	276
1947	Dry	244	5,665	5,979	7,441	8,040	6,117	2,314	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,303	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,615	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,090	8,021	7,713	5,880	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,769	5,607	9,033	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	467	5,230	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,311	6,581	8,966	8,961	6,264	2,634	2,017	617	386	247	202
1955	Dry	667	5,403	5,985	8,025	7,684	5,858	1,825	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	414	7,040	6,627	8,429	8,188	6,178	1,307	1,901	1,022	439	241	259
1960	Dry	213	5,415	5,408	8,083	7,704	5,860	2,162	1,702	649	452	218	244
1961	Dry	220	5,404	5,897	8,019	8,079	6,116	2,078	1,778	637	414	260	250
1962	Below Normal	217	6,264	6,443	8,512	8,531	6,512	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,091	6,142	7,561	7,677	5,804	1,996	1,287	633	361	218	244
1965	Wet	524	4,474	6,568	8,830	8,563	5,689	2,515	2,020	544	469	251	276
1966	Below Normal	412	6,995	6,707	8,606	8,346	6,425	2,428	1,919	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	476	7,386	5,650	8,629	8,554	6,573	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,127	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,066	6,032	7,586	7,314	4,971	1,684	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	236	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,031	6,068	8,342	7,955	6,018	2,138	1,227	730	315	218	235
1980	Above Normal	244	5,268	6,092	8,465	8,518	6,656	2,497	1,853	985	401	247	276
1981	Dry	219	4,890	5,896	8,866	8,533	6,584	2,226	1,237	601	379	243	271
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,670	6,032	7,850	7,489	5,703	1,991	1,535	626	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,355	6,378	7,941	8,034	6,075	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,973	4,731	6,667	6,636	5,051	1,717	1,154	610	270	128	208
1992	Critical	210	4,108	5,163	6,424	6,773	5,033	1,660	956	526	285	206	233
1993	Above Normal	217	5,456	4,943	8,159	9,092	6,936	2,761	1,696	776	502	247	276
1994	Critical	435	5,638	4,472	7,378	7,158	5,514	1,979	1,459	487	364	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,938	6,101	7,844	7,813	5,959	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	-2	-3	-5	-5	-6	-5	-2	-1	-1	0	0	0
1924	Critical	0	0	0	1	1	0	0	0	0	0	0	0
1925	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1926	Dry	0	0	-1	-2	-2	-2	-1	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	-1	-1	-1	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	-1	-1	-1	-1	-1	0	-7	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	70	0	0
1939	Dry	-11	-59	-49	-67	-72	-59	-24	-9	-3	-1	-1	-1
1940	Above Normal	0	6	12	20	22	18	9	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	-2	-6	-7	-8	-7	-3	-1	0	0	0	0
1944	Dry	1	3	5	7	8	6	3	1	1	0	0	1
1945	Below Normal	0	-3	-5	-7	-8	-7	-4	-1	-1	-1	-1	-1
1946	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1947	Dry	0	2	3	3	4	3	2	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	1	1	1	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	-3	-7	0	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	1	3	4	5	3	2	1	0	0	0	0
1955	Dry	0	-1	-2	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	1	5	6	8	8	7	2	2	1	1	1	1
1960	Dry	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1961	Dry	0	-1	-2	-2	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	1	1	1	1	1	0	0	0	0	0	0
1965	Wet	-1	-6	-15	-19	-20	-14	-8	-3	0	0	0	0
1966	Below Normal	0	3	4	4	5	4	2	1	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-2	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	-39	-85	-113	-122	-97	-46	-4	-1	-1	-1	-1
1980	Above Normal	0	1	1	2	2	2	1	0	0	0	0	0
1981	Dry	0	-10	-18	-28	-30	-25	-13	-3	-1	-2	-2	-2
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-4	-5	-6	-6	-5	-3	-1	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-1	-2	-2	-3	-2	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1992	Critical	0	-2	-5	-5	-6	-4	-2	0	0	0	0	0
1993	Above Normal	0	-7	-11	-17	-23	-18	-8	-2	0	0	0	0
1994	Critical	0	-2	-2	-3	-3	-3	-2	-1	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%	0%
1939	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-1%	-1%	-1%	-2%	-2%	-2%	0%	0%	0%	-1%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	4
1934	Critical	56	1,755	1,579	2,037	2,107	1,602	603	120	6	6	3	7
1935	Below Normal	20	1,127	2,976	3,638	3,408	2,738	2,195	446	16	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	11	17
1938	Wet	39	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	8	67
1939	Dry	634	3,378	2,263	3,174	3,000	2,410	1,670	448	83	10	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,295	2,667	2,225	665	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	34	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,908	602	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,360	2,502	2,256	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,060	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	3,000	3,136	3,207	2,597	2,160	738	22	21	14	12
1953	Wet	104	1,971	2,707	3,297	3,329	2,496	2,232	415	12	12	7	13
1954	Above Normal	27	1,311	2,967	3,453	3,321	2,526	2,228	681	13	13	7	10
1955	Dry	264	2,293	2,944	3,270	3,078	2,470	1,898	432	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,663	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	16	16
1970	Wet	35	2,518	3,064	2,991	3,123	2,514	2,098	282	18	17	14	15
1971	Wet	79	3,012	2,423	3,115	3,007	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,116	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,338	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	31	1,252	3,129	3,641	3,427	2,757	1,489	818	16	15	5	8
1979	Below Normal	35	1,828	3,118	3,559	3,316	2,546	2,109	88	17	16	10	18
1980	Above Normal	41	2,401	2,859	3,176	3,109	2,513	2,045	604	76	22	5	9
1981	Dry	20	1,923	3,017	3,581	3,340	2,680	1,903	27	12	12	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	41	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,540	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,104	2,483	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,268	2,613	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,481	2,796	2,166	34	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	6	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,015	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 1 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	4
1934	Critical	56	1,755	1,579	2,037	2,107	1,602	603	120	6	6	3	7
1935	Below Normal	20	1,127	2,976	3,638	3,407	2,738	2,195	446	15	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	10	16
1938	Wet	38	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	7	65
1939	Dry	632	3,376	2,261	3,169	2,990	2,399	1,662	443	82	9	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,294	2,666	2,224	664	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	33	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,907	601	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,361	2,502	2,257	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,059	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	2,997	3,130	3,195	2,584	2,150	733	19	19	16	14
1953	Wet	106	1,973	2,709	3,301	3,338	2,505	2,239	419	14	14	7	14
1954	Above Normal	28	1,311	2,968	3,454	3,322	2,527	2,229	682	14	13	7	10
1955	Dry	264	2,293	2,945	3,271	3,080	2,472	1,899	433	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,662	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	15	16
1970	Wet	35	2,518	3,064	2,990	3,122	2,513	2,097	282	17	17	15	15
1971	Wet	79	3,013	2,423	3,115	3,008	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,117	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,339	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	30	1,251	3,128	3,640	3,424	2,755	1,487	817	15	15	6	8
1979	Below Normal	33	1,827	3,117	3,557	3,312	2,542	2,106	87	16	16	12	18
1980	Above Normal	41	2,397	2,856	3,170	3,096	2,500	2,035	598	73	20	7	13
1981	Dry	28	1,925	3,019	3,585	3,350	2,690	1,910	31	14	14	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	40	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,539	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,105	2,484	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,267	2,612	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,480	2,795	2,166	33	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,522	1,880	193	7	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,014	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	-1	-1
1938	Wet	-1	0	0	0	0	0	0	0	0	0	-1	-2
1939	Dry	-2	-3	-2	-5	-10	-11	-8	-5	-2	-2	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	-1	-1	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	-3	-6	-12	-13	-10	-5	-2	-2	2	2
1953	Wet	2	2	2	4	9	9	7	4	2	2	0	1
1954	Above Normal	1	0	0	1	1	1	1	1	0	0	0	0
1955	Dry	0	0	0	1	1	1	1	1	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	-1	0	0	0	-1	-1	-1	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-1	0	-1	-1	-2	-2	-2	-1	0	0	0	0
1979	Below Normal	-1	-1	-1	-2	-4	-4	-3	-1	-1	-1	2	0
1980	Above Normal	0	-4	-3	-6	-13	-14	-10	-6	-2	-3	2	4
1981	Dry	7	2	2	4	9	10	7	4	2	2	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1935	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	-3%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	-3%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	-16%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-1%	0%	-1%	-11%	-11%	15%	18%
1953	Wet	2%	0%	0%	0%	0%	0%	0%	1%	14%	14%	3%	4%
1954	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%
1970	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	1%	1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	1%	2%
1979	Below Normal	-4%	0%	0%	0%	0%	0%	0%	-1%	-4%	-4%	16%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	0%	-1%	-3%	-11%	35%	45%
1981	Dry	37%	0%	0%	0%	0%	0%	0%	16%	16%	16%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	-1%	-1%
1989	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,211	3,353	3,491	3,952	3,721	3,376	2,925	2,614	2,605
1924	Critical	2,552	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,841	1,418	1,088	967
1925	Dry	965	1,126	1,236	1,562	2,744	3,112	3,795	3,932	3,680	3,197	2,815	2,716
1926	Dry	2,606	2,584	2,623	2,666	3,415	3,572	3,855	3,716	3,242	2,671	2,310	2,184
1927	Wet	2,110	2,565	3,007	3,447	3,462	4,105	4,552	4,552	4,223	3,727	3,332	2,659
1928	Above Normal	2,571	2,822	2,932	3,159	3,653	3,965	4,541	4,493	3,972	3,282	2,895	2,560
1929	Critical	2,438	2,369	2,438	2,702	2,890	3,063	3,104	2,978	2,666	2,213	1,707	1,618
1930	Dry	1,497	1,422	1,967	2,169	2,570	3,066	3,206	3,187	2,851	2,439	2,184	2,157
1931	Critical	2,095	2,073	2,062	2,144	2,233	2,406	2,088	1,823	1,466	979	650	612
1932	Dry	581	586	764	977	1,093	1,551	1,657	1,840	1,700	1,422	1,189	1,089
1933	Critical	991	960	950	959	995	1,593	1,771	1,866	1,716	1,467	889	694
1934	Critical	635	619	738	1,024	1,339	1,593	1,593	1,462	1,161	721	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,705	2,306	1,916	1,804
1936	Below Normal	1,715	1,653	1,647	2,304	3,185	3,487	3,712	3,672	3,452	2,933	2,586	2,515
1937	Below Normal	2,378	2,278	2,251	2,226	2,306	2,953	3,653	3,898	3,695	3,279	2,929	2,824
1938	Wet	2,776	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,076	3,264	3,398	3,484	3,901	3,838	3,624	3,191	2,638	2,299	2,245
1940	Above Normal	2,144	2,048	2,185	3,080	3,252	3,435	4,131	4,131	3,730	3,129	2,737	2,611
1941	Wet	2,520	2,472	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,112	2,876	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,101	3,700	3,196
1943	Wet	3,107	2,861	3,113	3,541	3,848	4,118	4,552	4,552	4,270	3,694	3,332	2,820
1944	Dry	2,748	2,501	2,503	2,551	2,865	3,256	3,288	3,308	3,142	2,743	2,474	2,458
1945	Below Normal	2,393	2,542	2,818	3,038	3,732	3,974	4,138	4,269	4,047	3,550	3,213	3,147
1946	Below Normal	3,047	3,252	3,265	3,622	3,805	4,124	4,293	4,258	3,880	3,374	3,032	2,956
1947	Dry	2,840	2,890	3,006	3,007	3,273	3,798	3,889	3,584	3,392	2,820	2,501	2,342
1948	Below Normal	2,388	2,402	2,405	2,973	3,066	3,402	4,309	4,551	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,367	4,386	3,979	3,455	3,085	2,940
1950	Below Normal	2,782	2,720	2,672	2,920	3,271	3,647	4,029	4,022	3,715	3,318	3,019	2,993
1951	Above Normal	3,163	3,252	3,322	3,624	3,794	4,221	4,333	4,480	4,032	3,384	3,013	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,390
1953	Wet	3,218	2,989	3,345	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,197	3,051	3,209	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,904	2,938	3,187	3,351	3,472	3,638	3,868	4,049	3,762	3,240	2,973	2,991
1956	Wet	2,915	3,002	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,378
1959	Below Normal	3,250	2,935	2,960	3,648	3,777	4,221	4,301	4,151	3,671	3,082	2,692	2,823
1960	Dry	2,701	2,648	2,631	2,843	3,555	4,226	4,297	4,433	3,950	3,347	3,083	2,985
1961	Dry	2,913	3,019	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,974	2,869
1962	Below Normal	2,732	2,753	3,050	3,149	3,675	4,199	4,415	4,347	3,995	3,425	3,094	3,046
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,178	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,901	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,541	4,195	3,738	3,464	3,010
1966	Below Normal	2,877	2,964	3,084	3,568	3,962	4,229	4,552	4,428	3,885	3,256	2,930	2,825
1967	Wet	2,677	3,014	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,293
1968	Below Normal	3,244	3,090	3,181	3,358	3,654	4,226	4,259	4,160	3,717	3,124	2,895	2,877
1969	Wet	2,864	2,935	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,574	3,200
1970	Wet	3,245	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,344
1971	Wet	2,245	2,626	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,675	3,292
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,070
1974	Wet	3,184	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,898	3,069	3,217	3,866	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,019	3,127	3,362	3,441	3,628	3,696	3,557	3,200	2,761	2,755	2,857
1977	Critical	2,673	2,598	2,554	2,538	2,410	2,388	1,992	1,851	1,259	694	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,357
1979	Below Normal	3,200	3,084	3,047	3,121	3,443	3,949	4,212	4,375	3,946	3,417	3,203	3,193
1980	Above Normal	3,200	3,252	3,367	3,528	3,292	3,940	4,230	4,220	3,834	3,391	3,095	3,106
1981	Dry	3,042	2,799	2,919	3,199	3,606	4,208	4,426	4,221	3,566	2,948	2,650	2,616
1982	Wet	2,627	3,252	3,276	3,616	3,530	3,953	4,094	4,488	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,580	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,898	2,741	2,758	2,895	3,236	3,961	3,890	3,598	2,960	2,434	2,225	2,190
1988	Critical	2,048	2,023	2,520	2,896	2,944	3,078	3,098	3,056	2,629	2,072	1,615	1,562
1989	Dry	1,430	1,632	1,714	1,924	2,027	3,405	3,858	3,619	3,268	2,695	2,406	2,470
1990	Critical	2,608	2,634	2,632	2,877	2,974	3,239	3,056	3,227	3,040	2,456	2,095	2,084
1991	Critical	2,023	2,011	1,995	1,998	2,027	2,447	2,609	2,566	2,281	1,869	1,677	1,627
1992	Critical	1,506	1,359	1,355	1,390	2,033	2,472	2,722	2,383	1,810	1,384	908	883
1993	Above Normal	681	650	874	1,519	2,243	3,705	4,338	4,552	4,500	3,929	3,660	3,322
1994	Critical	3,200	2,966	3,010	3,145	3,370	3,543	3,380	3,292	2,855	2,219	1,876	1,859
1995	Wet	1,740	1,713	1,759	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,971	3,337	3,702	3,503	4,010	4,432	4,552	4,340	3,913	3,648	3,230
1997	Wet	3,052	2,947	3,252	3,252	3,737	3,956	4,013	3,774	3,422	2,887	2,710	2,243
1998	Wet	2,098	2,065	2,311	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,128	2,777	2,867	3,565	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,853	3,009	3,437	3,932	4,029	3,821	3,270	2,793	2,643	2,613
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,988
2003	Above Normal	2,796	2,739	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,350	3,152

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,210	3,353	3,491	3,951	3,721	3,376	2,925	2,614	2,606
1924	Critical	2,553	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,840	1,417	1,087	965
1925	Dry	962	1,124	1,233	1,560	2,742	3,110	3,793	3,930	3,678	3,195	2,813	2,714
1926	Dry	2,603	2,582	2,620	2,664	3,412	3,570	3,852	3,714	3,240	2,669	2,308	2,183
1927	Wet	2,109	2,564	3,005	3,445	3,462	4,105	4,552	4,552	4,223	3,727	3,331	2,659
1928	Above Normal	2,570	2,822	2,931	3,159	3,652	3,965	4,541	4,493	3,972	3,281	2,895	2,559
1929	Critical	2,438	2,369	2,437	2,701	2,889	3,063	3,104	2,977	2,665	2,213	1,706	1,617
1930	Dry	1,496	1,421	1,965	2,167	2,568	3,065	3,204	3,185	2,849	2,438	2,183	2,155
1931	Critical	2,094	2,072	2,061	2,143	2,231	2,404	2,086	1,821	1,464	977	650	612
1932	Dry	581	586	764	975	1,091	1,549	1,655	1,837	1,700	1,422	1,186	1,086
1933	Critical	987	956	945	954	991	1,589	1,765	1,860	1,710	1,460	883	687
1934	Critical	630	619	733	1,019	1,334	1,588	1,588	1,457	1,156	716	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,704	2,306	1,915	1,803
1936	Below Normal	1,714	1,652	1,645	2,302	3,184	3,486	3,711	3,671	3,450	2,931	2,584	2,513
1937	Below Normal	2,376	2,275	2,249	2,224	2,303	2,950	3,651	3,895	3,693	3,277	2,926	2,821
1938	Wet	2,774	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,068	3,243	3,377	3,464	3,880	3,761	3,564	3,165	2,613	2,277	2,241
1940	Above Normal	2,154	2,056	2,194	3,089	3,252	3,435	4,131	4,130	3,727	3,127	2,733	2,659
1941	Wet	2,568	2,505	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,109	2,858	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,101	3,700	3,196
1943	Wet	3,107	2,862	3,115	3,541	3,848	4,118	4,552	4,552	4,270	3,706	3,344	2,824
1944	Dry	2,752	2,512	2,514	2,562	2,876	3,264	3,296	3,315	3,149	2,751	2,478	2,461
1945	Below Normal	2,396	2,545	2,820	3,040	3,734	3,977	4,140	4,272	4,050	3,554	3,217	3,151
1946	Below Normal	3,052	3,252	3,265	3,622	3,805	4,124	4,292	4,257	3,880	3,378	3,039	2,963
1947	Dry	2,843	2,893	3,010	3,011	3,276	3,801	3,892	3,587	3,393	2,821	2,497	2,341
1948	Below Normal	2,387	2,400	2,403	2,972	3,065	3,401	4,308	4,550	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,366	4,386	3,979	3,455	3,085	2,939
1950	Below Normal	2,781	2,719	2,671	2,918	3,270	3,646	4,027	4,020	3,713	3,317	3,018	2,992
1951	Above Normal	3,162	3,252	3,322	3,624	3,794	4,222	4,333	4,480	4,033	3,384	3,014	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,391
1953	Wet	3,219	2,899	3,342	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,200	3,058	3,216	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,903	2,935	3,184	3,351	3,470	3,637	3,867	4,048	3,760	3,239	2,973	2,992
1956	Wet	2,912	3,000	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,380
1959	Below Normal	3,250	2,865	2,890	3,648	3,777	4,221	4,301	4,150	3,670	3,081	2,691	2,822
1960	Dry	2,698	2,647	2,629	2,841	3,553	4,225	4,296	4,432	3,949	3,346	3,082	2,979
1961	Dry	2,907	3,013	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,976	2,870
1962	Below Normal	2,732	2,752	3,049	3,147	3,675	4,199	4,415	4,347	3,994	3,425	3,094	3,045
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,179	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,900	2,661	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,542	4,197	3,740	3,467	3,013
1966	Below Normal	2,880	2,970	3,091	3,575	3,969	4,229	4,552	4,427	3,885	3,256	2,930	2,825
1967	Wet	2,676	3,013	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,282
1968	Below Normal	3,233	2,994	3,082	3,259	3,654	4,226	4,259	4,160	3,717	3,123	2,894	2,876
1969	Wet	2,864	2,934	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,573	3,200
1970	Wet	3,240	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,338
1971	Wet	2,240	2,622	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,676	3,293
1972	Below Normal	3,212	2,988	3,131	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,527	4,076	3,460	3,206	3,053
1974	Wet	3,167	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,349	4,150	3,700	3,364
1975	Wet	3,250	2,903	3,075	3,223	3,872	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,017	3,125	3,360	3,439	3,627	3,695	3,556	3,200	2,762	2,755	2,857
1977	Critical	2,673	2,597	2,553	2,537	2,408	2,386	1,989	1,848	1,257	692	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,355
1979	Below Normal	3,196	2,950	2,913	2,993	3,321	3,821	4,084	4,262	3,841	3,353	3,148	3,138
1980	Above Normal	3,141	3,250	3,367	3,528	3,292	3,940	4,230	4,220	3,833	3,390	3,093	3,055
1981	Dry	2,989	2,773	2,892	3,172	3,580	4,182	4,400	4,195	3,541	2,915	2,625	2,586
1982	Wet	2,597	3,252	3,276	3,616	3,530	3,953	4,094	4,488	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,579	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,897	2,733	2,750	2,888	3,228	3,954	3,883	3,591	2,953	2,427	2,210	2,176
1988	Critical	2,039	2,014	2,511	2,888	2,936	3,070	3,090	3,048	2,619	2,062	1,605	1,553
1989	Dry	1,420	1,622	1,704	1,916	2,019	3,397	3,850	3,612	3,261	2,689	2,400	2,463
1990	Critical	2,602	2,628	2,626	2,871	2,968	3,233	3,050	3,220	3,033	2,450	2,141	2,070
1991	Critical	2,004	1,994	1,978	1,981	2,010	2,430	2,592	2,549	2,263	1,851	1,658	1,608
1992	Critical	1,488	1,340	1,337	1,371	2,015	2,454	2,704	2,364	1,763	1,369	889	866
1993	Above Normal	664	650	874	1,519	2,243	3,699	4,332	4,552	4,500	3,930	3,661	3,323
1994	Critical	3,200	2,968	3,010	3,145	3,369	3,542	3,380	3,290	2,850	2,214	1,872	1,855
1995	Wet	1,735	1,708	1,754	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,857	3,223	3,588	3,503	4,010	4,432	4,552	4,339	3,912	3,648	3,230
1997	Wet	3,060	2,955	3,252	3,252	3,737	3,956	4,013	3,773	3,421	2,890	2,713	2,245
1998	Wet	2,099	2,067	2,312	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,588	3,200
2000	Above Normal	3,127	2,776	2,866	3,563	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,852	3,008	3,436	3,931	4,027	3,819	3,269	2,792	2,642	2,612
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,986
2003	Above Normal	2,793	2,735	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,349	3,151

Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	1	1
1924	Critical	1	1	1	0	0	0	0	0	-1	-1	-1	-2
1925	Dry	-3	-3	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2
1926	Dry	-2	-3	-3	-3	-3	-3	-3	-3	-2	-2	-1	-1
1927	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1928	Above Normal	-1	-1	-1	-1	-1	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
1930	Dry	-1	-1	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1
1931	Critical	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	0	0
1932	Dry	0	0	0	-2	-2	-2	-2	-3	0	0	-3	-3
1933	Critical	-4	-4	-4	-4	-4	-4	-6	-6	-7	-7	-7	-7
1934	Critical	-5	-1	-5	-5	-5	-5	-5	-5	-5	-6	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	-1	-1	-1
1936	Below Normal	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2
1937	Below Normal	-2	-2	-2	-2	-2	-2	-2	-2	-3	-2	-2	-2
1938	Wet	-2	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	-9	-21	-21	-20	-20	-76	-60	-26	-26	-22	-4
1940	Above Normal	10	8	8	8	0	0	0	-1	-2	-2	-3	49
1941	Wet	48	33	0	0	0	0	0	0	0	0	0	0
1942	Wet	-3	-18	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	1	1	0	0	0	0	0	0	12	12	5
1944	Dry	5	11	11	11	11	8	7	7	7	7	5	3
1945	Below Normal	3	3	3	3	3	3	3	3	3	4	4	4
1946	Below Normal	5	0	0	0	0	0	0	0	0	4	7	7
1947	Dry	4	3	3	3	3	3	3	3	2	2	-4	-1
1948	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	-1
1950	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1951	Above Normal	-1	0	0	0	0	1	1	1	1	1	1	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1953	Wet	0	-90	-3	0	0	0	0	0	0	0	0	0
1954	Above Normal	3	7	7	0	0	0	0	0	0	0	0	0
1955	Dry	-2	-3	-3	0	-2	-2	-1	-1	-1	-1	1	1
1956	Wet	-3	-3	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	2
1959	Below Normal	0	-70	-70	0	0	0	0	-1	-1	-1	-1	-1
1960	Dry	-3	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-6
1961	Dry	-6	-6	0	0	0	0	0	0	0	0	1	1
1962	Below Normal	0	-1	-1	-2	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	1	2	2	3	3
1966	Below Normal	3	7	7	7	7	0	0	0	0	0	-1	-1
1967	Wet	-1	-1	0	0	0	0	0	0	0	0	0	-11
1968	Below Normal	-11	-96	-99	-99	0	0	0	0	-1	-1	-1	-1
1969	Wet	-1	-1	-1	0	0	0	0	0	0	0	0	0
1970	Wet	-4	0	0	0	0	0	0	0	0	0	0	-6
1971	Wet	-5	-3	0	0	0	0	0	0	0	0	1	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-17
1974	Wet	-17	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	5	5	5	5	0	0	0	0	0	0	0
1976	Critical	0	-1	-2	-2	-2	-2	-2	-2	0	1	0	0
1977	Critical	-1	-1	-1	-1	-2	-2	-2	-2	-3	-3	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1979	Below Normal	-4	-134	-134	-128	-122	-128	-128	-113	-106	-64	-56	-56
1980	Above Normal	-59	-2	0	0	0	0	0	-1	-1	-1	-1	-50
1981	Dry	-53	-27	-27	-27	-27	-27	-26	-26	-26	-33	-24	-30
1982	Wet	-30	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-8	-8	-8	-7	-7	-7	-7	-7	-7	-16	-14
1988	Critical	-9	-9	-9	-9	-7	-8	-8	-8	-10	-10	-9	-9
1989	Dry	-10	-10	-10	-8	-8	-8	-8	-7	-7	-6	-6	-6
1990	Critical	-6	-6	-6	-6	-6	-6	-6	-6	-6	-7	46	-15
1991	Critical	-19	-17	-17	-17	-17	-17	-17	-17	-18	-18	-19	-18
1992	Critical	-19	-19	-19	-19	-19	-19	-19	-19	-48	-15	-19	-17
1993	Above Normal	-16	0	0	0	0	-6	-6	0	0	1	1	1
1994	Critical	0	1	-1	-1	-1	-1	-1	-2	-5	-5	-4	-4
1995	Wet	-5	-5	-5	0	0	0	0	0	0	0	0	0
1996	Wet	0	-114	-114	-114	0	0	0	0	0	0	0	0
1997	Wet	8	8	0	0	0	0	0	0	0	3	3	3
1998	Wet	2	1	1	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	-1	-1	-1	0	0	0	0	0	0	0	0
2001	Dry	0	0	-1	-1	-1	-1	-2	-1	-1	-1	0	-1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-3	-3	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	-1%	-1%	-1%	-1%	-2%	-2%	-1%	-1%	-1%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1941	Wet	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-4%	-4%	-4%	-4%	-3%	-3%	-3%	-3%	-2%	-2%	-2%
1980	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1981	Dry	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1989	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1991	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1992	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-3%	-1%	-2%	-2%
1993	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-4%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,846	12,618	11,809	10,067	7,610
1923	Below Normal	4,955	6,814	3,282	3,085	2,972	3,231	2,755	9,932	10,120	10,821	8,212	3,432
1924	Critical	4,493	4,467	4,179	1,814	2,922	4,123	7,652	7,665	9,977	9,580	8,087	4,864
1925	Dry	3,562	2,869	2,906	120	1,633	3,001	2,952	5,369	9,081	10,883	9,310	5,124
1926	Dry	5,296	4,147	3,387	3,106	1,710	3,766	3,705	6,354	10,841	11,821	8,331	4,684
1927	Wet	4,257	2,801	3,499	3,871	24,039	3,146	9,428	8,633	10,971	11,585	9,453	14,434
1928	Above Normal	4,666	3,200	3,647	3,737	2,292	10,471	3,232	6,839	12,548	14,420	9,152	8,583
1929	Critical	5,091	5,099	3,035	0	3,115	3,212	5,997	7,063	8,843	10,114	10,858	4,194
1930	Dry	4,803	4,162	2,434	2,991	2,581	2,839	4,561	5,294	8,989	9,465	6,762	3,277
1931	Critical	3,887	3,474	3,251	3,023	3,069	3,017	9,180	7,284	8,708	10,330	7,739	3,144
1932	Dry	3,282	2,836	3,373	2,070	3,382	3,108	5,343	4,378	6,136	7,235	6,272	4,137
1933	Critical	4,134	3,486	3,238	3,373	3,251	3,253	5,045	5,210	6,969	6,822	11,871	5,824
1934	Critical	3,669	3,088	3,286	3,044	3,038	3,175	5,319	6,072	8,023	9,642	5,152	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,026	9,585	9,511	8,992	4,518
1936	Below Normal	4,291	3,968	3,491	2,091	2,816	4,046	4,418	5,933	8,315	11,336	8,095	3,658
1937	Below Normal	4,761	4,375	3,251	3,251	3,252	3,252	2,779	4,700	8,483	9,751	8,185	4,202
1938	Wet	3,627	3,831	16,725	4,241	28,181	32,392	10,694	7,578	9,780	11,693	9,423	10,341
1939	Dry	4,438	6,634	2,736	3,251	3,900	3,137	6,686	7,484	10,439	11,789	8,194	3,770
1940	Above Normal	4,700	4,779	3,334	2,176	26,007	19,297	3,947	6,634	11,024	13,086	9,431	5,247
1941	Wet	4,969	4,891	4,497	22,828	20,463	11,263	11,900	10,937	9,708	9,640	11,329	12,333
1942	Wet	5,437	8,426	9,975	17,061	25,435	4,393	3,700	10,007	9,023	10,449	10,319	12,242
1943	Wet	5,370	9,199	2,984	7,749	7,464	11,264	5,051	7,691	10,394	13,234	9,353	12,084
1944	Dry	4,785	8,326	3,950	3,813	2,773	1,957	6,133	5,264	7,425	9,965	7,472	3,212
1945	Below Normal	4,517	3,951	3,439	2,975	3,608	4,288	4,955	5,733	9,121	11,398	8,510	4,153
1946	Below Normal	5,960	4,544	21,222	6,831	4,260	4,420	6,955	7,884	10,839	11,910	8,944	4,463
1947	Dry	5,237	4,038	3,048	3,733	3,029	2,971	5,758	9,112	9,234	12,589	8,161	5,592
1948	Below Normal	3,865	3,715	3,765	2,771	3,062	3,066	3,612	8,883	9,081	12,659	9,309	5,878
1949	Dry	6,496	4,538	4,001	3,630	4,026	6,333	5,095	6,723	10,636	11,331	8,730	5,083
1950	Below Normal	5,541	4,444	4,078	3,715	3,978	4,394	3,771	6,458	8,856	9,217	7,544	3,180
1951	Above Normal	5,661	8,426	14,336	6,924	14,556	3,724	6,396	5,472	11,565	13,536	8,910	5,583
1952	Wet	4,408	6,542	9,002	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,733
1953	Wet	6,465	7,875	4,404	26,911	3,673	3,659	4,476	8,738	9,575	11,898	8,888	12,150
1954	Above Normal	3,727	8,952	3,058	9,854	16,981	8,256	9,789	7,431	10,487	13,531	9,621	8,813
1955	Dry	4,769	5,238	4,014	2,819	3,670	3,291	5,650	5,037	9,030	11,688	7,234	2,906
1956	Wet	4,428	3,400	26,403	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,468	11,409
1957	Above Normal	5,364	10,670	4,046	3,844	3,371	6,830	5,638	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,883	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,478
1959	Below Normal	6,380	9,613	4,223	4,237	12,726	2,537	6,993	8,187	12,189	12,971	9,490	1,970
1960	Dry	5,587	4,593	4,225	3,246	2,546	3,131	6,607	4,884	13,067	13,074	7,341	4,806
1961	Dry	4,735	3,838	4,655	3,071	9,119	5,610	6,287	7,313	11,104	13,544	9,786	4,850
1962	Below Normal	5,715	5,352	3,605	3,587	13,019	2,754	6,138	7,725	10,322	12,252	8,402	3,800
1963	Wet	7,242	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,802	12,060
1964	Dry	2,885	4,149	3,993	3,494	2,205	3,227	8,827	7,071	8,851	11,672	6,638	3,331
1965	Wet	3,577	3,471	17,697	19,879	4,223	4,503	6,116	6,974	10,258	11,207	7,770	11,025
1966	Below Normal	5,710	6,863	3,599	3,815	3,714	10,048	6,253	8,170	13,165	13,585	8,357	4,962
1967	Wet	5,752	3,439	9,302	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,546	10,468
1968	Below Normal	4,967	6,733	3,631	3,796	12,800	2,707	6,725	7,281	11,333	12,764	7,209	3,892
1969	Wet	4,203	3,416	3,063	21,775	19,852	5,140	11,360	10,987	10,203	10,534	9,290	10,284
1970	Wet	3,551	7,002	11,442	48,536	12,335	3,481	7,062	7,361	9,584	12,955	8,169	11,099
1971	Wet	5,806	4,464	4,807	13,470	3,970	16,508	5,390	8,533	9,420	12,338	8,117	10,003
1972	Below Normal	5,725	8,501	3,637	3,420	2,944	8,854	7,433	6,972	12,542	14,954	7,260	3,231
1973	Above Normal	4,347	4,055	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,699
1974	Wet	3,074	25,269	18,915	34,416	4,622	33,288	5,235	6,237	9,998	8,107	11,429	9,923
1975	Wet	6,039	10,916	2,990	3,106	3,572	24,494	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,793	2,990	708	4,888	3,981	5,323	6,966	9,419	10,296	3,868	1,855
1977	Critical	6,688	5,033	4,445	4,006	6,262	4,277	9,890	5,789	13,041	11,976	5,433	3,811
1978	Above Normal	3,790	3,393	3,252	76	7,461	12,939	5,817	8,913	11,521	11,045	8,875	4,172
1979	Below Normal	6,003	5,754	4,179	4,461	3,398	2,765	3,254	5,360	10,616	11,588	6,332	3,159
1980	Above Normal	4,169	4,706	3,700	17,546	28,377	3,796	4,481	6,838	10,769	10,630	7,836	3,321
1981	Dry	4,370	7,703	3,730	3,212	2,578	2,604	3,568	8,184	14,298	12,709	7,282	3,371
1982	Wet	3,483	7,142	21,138	6,380	22,607	10,942	24,091	4,238	8,355	9,286	8,989	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,612	10,883	13,571	6,351	13,581
1985	Dry	3,105	3,969	5,392	3,242	3,119	3,252	5,922	9,027	10,644	10,268	7,797	4,074
1986	Wet	4,653	5,277	3,529	3,086	39,959	18,882	2,374	7,449	11,036	10,547	8,280	3,483
1987	Dry	3,502	6,478	3,822	3,075	2,838	2,765	7,234	9,133	13,822	11,899	5,964	3,807
1988	Critical	5,573	4,211	2,869	3,617	5,504	3,507	4,888	6,283	11,266	11,663	10,153	3,967
1989	Dry	5,210	2,814	3,446	1,495	3,249	1,953	3,255	9,124	9,258	11,944	7,444	2,273
1990	Critical	2,799	3,334	3,393	2,945	3,178	3,253	7,064	5,001	8,699	12,550	8,810	3,184
1991	Critical	4,066	3,486	3,251	3,251	3,252	2,971	3,254	6,149	8,055	9,431	5,727	3,516
1992	Critical	4,915	5,413	3,251	3,251	2,035	2,337	3,255	9,802	12,785	9,862	10,203	3,276
1993	Above Normal	6,552	3,633	2,984	2,465	2,108	2,238	4,285	6,744	9,615	12,986	7,617	8,940
1994	Critical	5,441	7,324	4,428	3,051	2,909	3,253	7,161	5,773	10,288	12,773	8,093	2,887
1995	Wet	4,756	3,923	3,225	10,392	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	8,319	2,141	3,050	31,708	8,782	4,171	10,888	9,613	10,817	8,095	10,719
1997	Wet	6,873	8,411	23,207	32,560	4,019	4,479	6,496	9,264	10,219	12,280	6,531	11,739
1998	Wet	6,575	7,779	3,008	9,064	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,106	11,924	8,405	10,668
2000	Above Normal	5,677	11,345	3,850	2,178	31,647	6,438	2,878	7,748	11,418	13,556	9,192	7,092
2001	Dry	5,817	8,672	4,178	2,932	2,262	2,292	5,356	8,884	13,286	11,530	5,834	3,638
2002	Dry	5,486	3,420	2,679	8,192	2,981	3,083	6,610	8,527	11,434	10,849	7,417	4,102
2003	Above Normal	6,030	4,739	8,733	13,692	4,151	3,122	8,379	12,870	10,354	14,297	6,804	6,575

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,845	12,618	11,809	10,068	7,610
1923	Below Normal	4,955	6,818	3,282	3,085	2,972	3,231	2,755	9,929	10,116	10,818	8,208	3,432
1924	Critical	4,492	4,467	4,180	1,818	2,922	4,123	7,652	7,674	9,984	9,587	8,085	4,881
1925	Dry	3,573	2,869	2,906	104	1,633	3,001	2,952	5,372	9,083	10,883	9,313	5,127
1926	Dry	5,299	4,150	3,387	3,106	1,710	3,766	3,705	6,356	10,826	11,822	8,320	4,681
1927	Wet	4,260	2,801	3,499	3,871	24,017	3,146	9,428	8,633	10,973	11,585	9,455	14,436
1928	Above Normal	4,669	3,199	3,647	3,737	2,292	10,463	3,232	6,840	12,548	14,423	9,153	8,583
1929	Critical	5,093	5,099	3,033	0	3,115	3,212	5,999	7,064	8,845	10,116	10,859	4,196
1930	Dry	4,805	4,165	2,439	2,991	2,581	2,839	4,563	5,296	8,990	9,460	6,757	3,279
1931	Critical	3,888	3,477	3,251	3,023	3,069	3,017	9,181	7,286	8,709	10,330	7,712	3,144
1932	Dry	3,282	2,836	3,373	2,099	3,382	3,108	5,347	4,388	6,093	7,235	6,326	4,137
1933	Critical	4,145	3,490	3,238	3,373	3,251	3,253	5,077	5,214	6,973	6,826	11,872	5,829
1934	Critical	3,639	3,018	3,354	3,044	3,038	3,175	5,322	6,075	8,025	9,648	5,059	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,030	9,589	9,514	8,995	4,522
1936	Below Normal	4,294	3,972	3,491	2,091	2,816	4,046	4,418	5,936	8,317	11,337	8,097	3,661
1937	Below Normal	4,764	4,378	3,251	3,251	3,252	3,252	2,779	4,702	8,485	9,747	8,187	4,204
1938	Wet	3,627	3,790	16,725	4,241	28,181	32,392	10,694	7,578	9,782	11,696	9,425	10,342
1939	Dry	4,432	6,782	2,937	3,251	3,889	3,137	7,629	7,219	9,866	11,789	8,145	3,454
1940	Above Normal	4,480	4,805	3,334	2,176	26,153	19,297	3,947	6,648	11,047	13,086	9,449	4,375
1941	Wet	4,978	5,138	5,036	22,828	20,463	11,263	11,900	10,937	9,709	9,639	11,329	12,333
1942	Wet	5,493	8,663	9,690	17,061	25,435	4,393	3,700	10,007	9,024	10,450	10,317	12,243
1943	Wet	5,370	9,176	2,984	7,770	7,464	11,264	5,051	7,691	10,388	13,050	9,347	12,201
1944	Dry	4,790	8,223	3,950	3,813	2,773	2,006	6,137	5,269	7,433	9,953	7,512	3,246
1945	Below Normal	4,520	3,951	3,439	2,975	3,608	4,288	4,955	5,730	9,116	11,387	8,505	4,152
1946	Below Normal	5,948	4,622	21,222	6,831	4,260	4,420	6,957	7,887	10,841	11,833	8,899	4,467
1947	Dry	5,283	4,046	3,048	3,735	3,029	2,971	5,762	9,116	9,253	12,592	8,245	5,555
1948	Below Normal	3,863	3,715	3,765	2,771	3,062	3,066	3,613	8,884	9,059	12,656	9,310	5,880
1949	Dry	6,496	4,540	4,001	3,630	4,026	6,331	5,096	6,723	10,637	11,331	8,728	5,099
1950	Below Normal	5,542	4,445	4,079	3,715	3,978	4,394	3,772	6,459	8,857	9,218	7,545	3,180
1951	Above Normal	5,655	8,409	14,336	6,924	14,556	3,705	6,402	5,473	11,567	13,536	8,911	5,586
1952	Wet	4,409	6,544	9,007	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,723
1953	Wet	6,469	9,401	2,980	26,867	3,673	3,659	4,470	8,744	9,575	11,903	8,883	12,150
1954	Above Normal	3,676	8,887	3,058	9,968	16,981	8,256	9,789	7,431	10,486	13,531	9,625	8,816
1955	Dry	4,792	5,264	4,014	2,764	3,699	3,291	5,648	5,036	9,030	11,684	7,201	2,903
1956	Wet	4,487	3,402	26,358	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,467	11,410
1957	Above Normal	5,364	10,673	4,049	3,844	3,371	6,824	5,639	8,666	10,531	13,503	8,833	6,209
1958	Wet	4,882	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,446
1959	Below Normal	6,411	10,795	4,223	3,095	12,726	2,537	7,000	8,196	12,194	12,971	9,492	1,972
1960	Dry	5,611	4,571	4,224	3,246	2,546	3,131	6,603	4,884	13,067	13,072	7,335	4,897
1961	Dry	4,727	3,838	4,565	3,071	9,119	5,610	6,287	7,312	11,104	13,544	9,768	4,847
1962	Below Normal	5,737	5,371	3,605	3,600	12,987	2,754	6,139	7,725	10,323	12,255	8,402	3,801
1963	Wet	7,236	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,899	13,202	8,803	12,060
1964	Dry	2,886	4,143	3,993	3,496	2,205	3,227	8,828	7,073	8,853	11,672	6,639	3,332
1965	Wet	3,578	3,471	17,690	19,879	4,223	4,503	6,116	6,960	10,240	11,206	7,758	11,019
1966	Below Normal	5,710	6,801	3,599	3,815	3,714	10,157	6,253	8,173	13,167	13,585	8,363	4,959
1967	Wet	5,752	3,439	9,294	8,323	6,941	14,391	9,225	13,713	9,420	10,707	10,545	10,650
1968	Below Normal	4,970	8,165	3,681	3,796	11,078	2,707	6,731	7,283	11,334	12,764	7,210	3,893
1969	Wet	4,203	3,416	3,063	21,764	19,852	5,140	11,360	10,987	10,204	10,535	9,290	10,282
1970	Wet	3,619	6,935	11,438	48,536	12,335	3,481	7,062	7,362	9,585	12,955	8,169	11,204
1971	Wet	5,784	4,436	4,753	13,470	3,970	16,508	5,390	8,533	9,420	12,330	8,117	10,005
1972	Below Normal	5,726	8,508	3,637	3,420	2,944	8,852	7,434	6,973	12,543	14,954	7,260	3,233
1973	Above Normal	4,348	4,049	6,670	13,394	17,113	5,950	4,051	6,385	11,745	13,459	7,238	5,981
1974	Wet	3,084	24,976	18,915	34,416	4,622	33,288	5,235	6,237	9,999	8,106	11,429	9,924
1975	Wet	6,038	10,825	2,990	3,106	3,572	24,581	3,882	9,184	10,837	9,278	9,346	10,507
1976	Critical	6,466	8,817	2,992	708	4,888	3,981	5,324	6,966	9,393	10,283	3,880	1,854
1977	Critical	6,703	5,035	4,446	4,012	6,274	4,277	9,891	5,796	13,049	11,973	5,389	3,809
1978	Above Normal	3,792	3,396	3,252	76	7,458	12,939	5,817	8,913	11,522	11,046	8,876	4,204
1979	Below Normal	6,038	7,937	4,175	4,361	3,298	2,865	3,254	5,126	10,503	10,910	6,208	3,157
1980	Above Normal	4,226	3,748	3,668	17,546	28,377	3,796	4,487	6,843	10,773	10,635	7,840	4,140
1981	Dry	4,420	7,259	3,730	3,212	2,578	2,604	3,567	8,171	14,298	12,837	7,141	3,470
1982	Wet	3,483	6,636	21,138	6,380	22,607	10,942	24,091	4,240	8,356	9,287	8,986	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,613	10,883	13,571	6,351	13,582
1985	Dry	3,106	3,967	5,392	3,242	3,119	3,252	5,923	9,027	10,644	10,268	7,797	4,074
1986	Wet	4,653	5,279	3,529	3,086	39,955	18,882	2,374	7,449	11,037	10,547	8,281	3,483
1987	Dry	3,502	6,602	3,822	3,075	2,838	2,765	7,233	9,128	13,822	11,899	6,107	3,772
1988	Critical	5,495	4,211	2,869	3,617	5,480	3,514	4,897	6,284	11,288	11,662	10,152	3,968
1989	Dry	5,217	2,814	3,446	1,462	3,249	1,953	3,255	9,117	9,248	11,939	7,442	2,273
1990	Critical	2,799	3,336	3,393	2,945	3,178	3,253	7,065	5,002	8,700	12,552	7,958	4,199
1991	Critical	4,130	3,460	3,251	3,251	3,252	2,971	3,254	6,154	8,061	9,448	5,730	3,515
1992	Critical	4,917	5,417	3,251	3,251	2,035	2,337	3,255	9,814	13,262	9,334	10,273	3,241
1993	Above Normal	6,546	3,358	2,984	2,465	2,108	2,338	4,285	6,644	9,615	12,977	7,610	8,935
1994	Critical	5,463	7,301	4,461	3,051	2,909	3,253	7,162	5,796	10,330	12,773	8,078	2,890
1995	Wet	4,768	3,930	3,225	10,311	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	10,238	2,141	3,050	29,728	8,782	4,171	10,888	9,616	10,818	8,097	10,719
1997	Wet	6,734	8,409	23,340	32,560	4,019	4,479	6,498	9,265	10,220	12,228	6,530	11,746
1998	Wet	6,590	7,785	3,008	9,084	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,107	11,919	8,406	10,672
2000	Above Normal	5,685	11,353	3,856	2,178	31,625	6,438	2,878	7,748	11,419	13,556	9,193	7,093
2001	Dry	5,814	8,674	4,202	2,932	2,262	2,292	5,357	8,883	13,282	11,526	5,825	3,639
2002	Dry	5,480	3,420	2,679	8,190	2,981	3,083	6,611	8,528	11,435	10,848	7,418	4,140
2003	Above Normal	6,044	4,740	8,679	13,692	4,151	3,122	8,379	12,870	10,355	14,301	6,805	6,571

Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	1	0	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	0	0	0	0	0	-3	-4	-3	-4	0
1924	Critical	0	0	0	4	0	0	0	9	7	7	-2	17
1925	Dry	11	0	0	-15	0	0	0	3	3	0	2	3
1926	Dry	3	3	0	0	0	0	0	2	-14	1	-12	-2
1927	Wet	2	0	0	0	-21	0	0	0	2	1	2	2
1928	Above Normal	2	-1	0	0	0	-8	0	2	0	3	1	0
1929	Critical	2	0	-1	0	0	0	2	1	1	2	1	2
1930	Dry	2	3	5	0	0	0	2	2	1	-5	-5	2
1931	Critical	2	3	0	0	0	0	1	2	1	0	-27	0
1932	Dry	0	0	0	29	0	0	4	10	-43	0	54	0
1933	Critical	10	5	0	0	0	0	32	4	4	3	1	4
1934	Critical	-30	-70	68	0	0	0	3	3	3	5	-93	0
1935	Below Normal	0	0	0	0	0	0	0	3	4	3	3	3
1936	Below Normal	3	3	0	0	0	0	0	3	3	1	2	3
1937	Below Normal	3	3	0	0	0	0	0	2	2	-4	1	2
1938	Wet	0	-41	0	0	0	0	0	0	2	2	2	0
1939	Dry	-6	147	201	0	-11	0	943	-265	-573	0	-49	-316
1940	Above Normal	-221	26	0	0	147	0	0	13	22	0	19	-873
1941	Wet	9	248	539	0	0	0	0	0	1	-1	0	0
1942	Wet	56	237	-285	0	0	0	0	0	1	1	-2	1
1943	Wet	1	-22	0	20	0	0	0	0	-6	-183	-6	117
1944	Dry	5	-104	0	0	0	49	4	5	8	-12	40	34
1945	Below Normal	3	0	0	0	0	0	0	-3	-4	-11	-5	-2
1946	Below Normal	-11	79	0	0	0	0	2	2	3	-77	-45	4
1947	Dry	46	7	0	2	0	0	3	4	19	3	84	-38
1948	Below Normal	-2	0	0	0	0	0	1	1	-22	-3	1	2
1949	Dry	0	2	0	0	0	-2	1	1	1	0	-3	17
1950	Below Normal	2	0	1	0	0	0	1	1	1	1	1	1
1951	Above Normal	-5	-18	0	0	0	-19	6	1	1	0	1	3
1952	Wet	1	1	5	0	0	0	0	0	0	0	0	-10
1953	Wet	4	1,525	-1,424	-45	0	0	-6	6	0	5	-5	0
1954	Above Normal	-51	-65	0	114	0	0	0	0	-1	0	4	3
1955	Dry	23	26	0	-54	28	0	-2	-2	0	-4	-33	-2
1956	Wet	59	3	-44	0	0	0	0	0	0	0	0	1
1957	Above Normal	0	3	2	0	0	-6	1	-1	1	0	1	0
1958	Wet	-1	0	0	0	0	0	0	0	0	0	0	-32
1959	Below Normal	31	1,182	0	-1,141	0	0	7	9	5	0	2	2
1960	Dry	23	-22	-2	0	0	0	-4	0	0	-2	-6	91
1961	Dry	-8	0	-91	0	0	0	0	-1	-1	0	-19	-3
1962	Below Normal	22	19	0	12	-32	0	1	1	1	3	1	1
1963	Wet	-6	0	0	0	0	0	0	0	1	1	1	0
1964	Dry	1	-6	0	2	0	0	2	2	2	1	1	1
1965	Wet	1	0	-7	0	0	0	0	-14	-18	-2	-12	-6
1966	Below Normal	1	-62	0	0	0	109	0	3	2	0	7	-3
1967	Wet	-1	0	-8	0	0	0	0	0	0	1	-1	182
1968	Below Normal	4	1,431	50	0	-1,722	0	5	2	1	0	1	1
1969	Wet	1	0	0	-11	0	0	0	0	1	1	1	-2
1970	Wet	68	-66	-4	0	0	0	1	1	1	0	1	105
1971	Wet	-22	-28	-55	0	0	0	0	0	0	-8	-1	2
1972	Below Normal	1	8	0	0	0	-1	1	1	0	0	0	2
1973	Above Normal	0	-5	0	0	0	0	0	0	1	0	0	282
1974	Wet	10	-293	0	0	0	0	0	0	1	-1	0	0
1975	Wet	0	-90	0	0	0	87	0	0	1	1	-1	0
1976	Critical	0	24	2	0	1	0	0	0	-27	-14	12	0
1977	Critical	15	1	1	6	12	0	1	8	8	-3	-45	-2
1978	Above Normal	2	3	0	0	-3	0	0	0	1	1	1	33
1979	Below Normal	35	2,183	-4	-100	-100	100	0	-235	-113	-678	-124	-2
1980	Above Normal	57	-958	-32	0	0	0	6	6	5	4	4	819
1981	Dry	51	-444	0	0	0	0	-1	-13	0	128	-141	99
1982	Wet	0	-506	0	0	0	0	0	1	1	1	-3	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	-2	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	2	0	0	-4	0	0	0	0	0	0	0
1987	Dry	0	124	0	0	0	0	-1	-6	0	0	143	-36
1988	Critical	-77	0	0	0	-24	7	10	1	22	-1	-1	1
1989	Dry	6	0	0	-32	0	0	0	-7	-10	-5	-1	0
1990	Critical	0	2	0	0	0	0	1	1	1	2	-852	1,015
1991	Critical	64	-26	0	0	0	0	0	5	6	17	4	0
1992	Critical	2	4	0	0	0	0	0	12	477	-529	70	-35
1993	Above Normal	-7	-275	0	0	0	100	0	-100	0	-10	-8	-5
1994	Critical	22	-23	33	0	0	0	1	23	42	0	-15	3
1995	Wet	12	7	0	-81	0	0	0	0	0	0	0	0
1996	Wet	0	1,920	0	0	-1,981	0	0	0	3	1	2	0
1997	Wet	-138	-1	133	0	0	0	1	2	2	-52	-1	6
1998	Wet	15	6	0	21	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	1	-5	1	4
2000	Above Normal	8	8	6	0	-22	0	0	0	1	0	1	0
2001	Dry	-3	2	24	0	0	0	1	-1	-4	-4	-9	1
2002	Dry	-6	0	0	-2	0	0	1	1	1	0	1	38
2003	Above Normal	14	1	-55	0	0	0	0	0	1	4	1	-3

Percent Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	1%	0%	0%	0%	0%	-1%	0%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1934	Critical	-1%	-2%	2%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	2%	7%	0%	0%	0%	14%	-4%	-5%	0%	-1%	-8%
1940	Above Normal	-5%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-17%
1941	Wet	0%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	19%	-32%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	12%	0%	-27%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1968	Below Normal	0%	21%	1%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	1%	38%	0%	-2%	-3%	4%	0%	-4%	-1%	-6%	-2%	0%
1980	Above Normal	1%	-20%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	25%
1981	Dry	1%	-6%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	3%
1982	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1988	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	32%
1991	Critical	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	4%	-5%	1%	-1%
1993	Above Normal	0%	-8%	0%	0%	0%	4%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	23%	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,540	2,741	3,100	3,238	3,212	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,745	1,798	1,978	1,984	1,935	1,829	1,668	1,240	1,152	1,116
1925	Dry	1,122	1,167	1,233	1,331	1,946	2,213	2,511	2,653	2,504	1,926	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,334	1,716	1,404	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,075	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,335	1,473	1,453	1,441	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,399	2,741	2,891	2,622	2,018	1,663	1,363
1931	Critical	1,309	1,335	1,361	1,494	1,620	1,823	1,725	1,668	1,536	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,263	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,309	1,410	1,497	1,464	1,535	1,594	1,527	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,641	1,639	1,528	1,343	1,210	1,095	1,055
1935	Below Normal	998	1,047	1,110	1,303	1,497	1,768	2,783	3,267	3,247	2,644	2,136	1,802
1936	Below Normal	1,647	1,560	1,519	2,031	2,788	2,954	3,354	3,538	3,538	2,956	2,459	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,768	2,118	2,503	2,845	2,502	1,937	1,440	1,336
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,433	2,530	2,612	2,804	2,755	2,618	2,414	1,787	1,409	1,244
1940	Above Normal	1,199	1,181	1,206	1,672	2,661	2,788	3,238	3,414	3,275	2,659	2,154	1,696
1941	Wet	1,577	1,551	2,063	2,634	2,788	2,918	3,334	3,538	3,538	3,120	2,972	2,411
1942	Wet	2,322	2,363	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,306	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,963	2,497	1,928
1944	Dry	1,801	1,781	1,553	1,624	1,761	1,976	2,106	2,334	2,145	1,551	1,241	1,163
1945	Below Normal	1,114	1,190	1,318	1,480	2,083	2,374	2,619	2,881	2,868	2,296	1,819	1,510
1946	Below Normal	1,405	1,493	2,139	2,541	2,745	3,038	3,364	3,538	3,408	2,824	2,329	2,035
1947	Dry	1,856	1,923	2,013	2,079	2,354	2,682	2,838	2,733	2,559	1,945	1,611	1,250
1948	Below Normal	1,248	1,251	1,252	1,520	1,613	1,809	2,468	2,935	3,099	2,566	2,069	1,889
1949	Dry	1,798	1,783	1,798	1,851	1,932	2,219	2,498	2,678	2,453	1,858	1,583	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,999
1951	Above Normal	2,025	2,594	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,841
1952	Wet	1,745	1,754	2,231	2,675	2,832	2,988	3,452	3,538	3,538	3,538	3,526	3,013
1953	Wet	2,887	2,907	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,706	2,181
1954	Above Normal	2,074	2,159	2,210	2,388	2,756	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,630	1,655	1,748	1,876	1,963	2,101	2,174	2,354	2,245	1,678	1,381	1,305
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,160	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,629	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,375	3,304	2,786
1959	Below Normal	2,657	2,678	2,504	2,829	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,524
1960	Dry	1,408	1,339	1,351	1,478	2,075	2,639	2,801	2,881	2,654	2,063	1,636	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,945	2,289	2,793	2,868	2,837	2,228	1,735	1,377
1963	Wet	2,051	2,178	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,436	2,529	2,635	2,544	1,956	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,723	2,177
1966	Below Normal	2,091	2,207	2,328	2,509	2,599	2,827	3,134	3,217	2,949	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,473	2,916
1968	Below Normal	2,803	2,818	2,764	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,637	1,698	1,921	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,199	2,678
1970	Wet	2,638	2,716	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,575
1971	Wet	1,452	1,656	2,040	2,381	2,649	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,812	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,672	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,968	1,677	1,359
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,536	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,875	2,079	2,394	2,762	2,988	3,273	2,961	2,399	1,993	1,714
1980	Above Normal	1,681	1,738	1,861	2,813	2,788	3,028	3,295	3,493	3,466	3,108	2,900	2,464
1981	Dry	2,301	2,274	2,319	2,466	2,706	2,980	3,145	3,132	2,824	2,186	1,796	1,571
1982	Wet	1,629	2,560	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,029	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,608	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,591	1,914	1,936	1,749	1,422	1,222	1,069	1,002
1988	Critical	1,043	1,155	1,451	1,701	1,743	1,829	1,865	1,840	1,653	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,832	1,603
1990	Critical	1,598	1,616	1,470	1,611	1,695	1,959	1,935	1,957	1,872	1,294	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,310	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,433	1,241	1,102	973
1993	Above Normal	1,017	1,051	1,215	1,755	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,063
1994	Critical	1,962	1,978	2,056	2,095	2,205	2,397	2,368	2,337	2,143	1,582	1,300	1,228
1995	Wet	1,199	1,234	1,337	2,606	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,252
1996	Wet	3,119	3,134	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,201	2,610	2,368	1,809
1998	Wet	1,692	1,762	1,961	2,700	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,325	2,700	2,237	1,804
2001	Dry	1,711	1,707	1,493	1,558	1,657	1,867	1,934	1,863	1,578	1,241	1,130	1,039
2002	Dry	1,014	1,092	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,474	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,539	2,740	3,099	3,237	3,211	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,746	1,799	1,979	1,984	1,935	1,830	1,669	1,240	1,153	1,116
1925	Dry	1,123	1,168	1,233	1,331	1,946	2,214	2,512	2,654	2,505	1,927	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,333	1,715	1,403	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,074	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,334	1,473	1,453	1,440	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,398	2,741	2,890	2,622	2,018	1,662	1,363
1931	Critical	1,308	1,335	1,361	1,494	1,619	1,822	1,724	1,668	1,535	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,262	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,308	1,409	1,496	1,464	1,534	1,593	1,526	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,641	1,639	1,528	1,343	1,210	1,094	1,054
1935	Below Normal	997	1,046	1,110	1,302	1,496	1,767	2,782	3,267	3,246	2,643	2,135	1,801
1936	Below Normal	1,649	1,561	1,525	2,037	2,788	2,954	3,354	3,538	3,538	2,956	2,458	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,767	2,118	2,502	2,844	2,497	1,933	1,435	1,331
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,434	2,530	2,612	2,805	2,719	2,583	2,380	1,755	1,377	1,244
1940	Above Normal	1,200	1,183	1,208	1,674	2,663	2,788	3,238	3,414	3,275	2,659	2,154	1,695
1941	Wet	1,576	1,550	2,062	2,633	2,788	2,918	3,334	3,538	3,538	3,120	2,971	2,411
1942	Wet	2,322	2,363	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,306	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,953	2,487	1,918
1944	Dry	1,791	1,771	1,543	1,615	1,751	1,967	2,096	2,325	2,142	1,549	1,241	1,157
1945	Below Normal	1,108	1,184	1,312	1,473	2,076	2,368	2,613	2,875	2,862	2,290	1,813	1,504
1946	Below Normal	1,398	1,486	2,133	2,534	2,739	3,031	3,357	3,538	3,397	2,815	2,317	2,023
1947	Dry	1,850	1,917	2,007	2,073	2,348	2,676	2,832	2,727	2,553	1,939	1,607	1,245
1948	Below Normal	1,248	1,251	1,252	1,520	1,612	1,808	2,467	2,934	3,097	2,565	2,067	1,888
1949	Dry	1,796	1,781	1,797	1,850	1,931	2,217	2,496	2,677	2,452	1,857	1,581	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,998
1951	Above Normal	2,025	2,593	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,839
1952	Wet	1,743	1,751	2,229	2,673	2,832	2,988	3,452	3,538	3,538	3,538	3,527	3,015
1953	Wet	2,890	2,911	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,704	2,178
1954	Above Normal	2,070	2,155	2,188	2,366	2,733	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,634	1,659	1,752	1,880	1,967	2,105	2,178	2,358	2,249	1,681	1,382	1,289
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,159	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,628	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,374	3,304	2,787
1959	Below Normal	2,658	2,679	2,502	2,827	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,518
1960	Dry	1,401	1,333	1,345	1,471	2,068	2,632	2,794	2,874	2,648	2,056	1,629	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,489	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,946	2,289	2,793	2,868	2,838	2,228	1,735	1,378
1963	Wet	2,051	2,179	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,435	2,529	2,635	2,544	1,955	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,724	2,178
1966	Below Normal	2,092	2,207	2,329	2,509	2,599	2,827	3,134	3,217	2,950	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,472	2,913
1968	Below Normal	2,800	2,816	2,756	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,636	1,697	1,920	2,788	2,788	3,027	3,470	3,538	3,538	3,309	3,191	2,669
1970	Wet	2,629	2,707	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,016	1,557
1971	Wet	1,434	1,639	2,022	2,363	2,631	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,811	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,672	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,751	2,560	1,967	1,676	1,358
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,537	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,970	2,174	2,489	2,857	3,083	3,369	3,058	2,497	2,091	1,813
1980	Above Normal	1,792	1,850	1,973	2,813	2,788	3,028	3,296	3,494	3,467	3,112	2,906	2,538
1981	Dry	2,376	2,351	2,397	2,544	2,784	3,024	3,190	3,176	2,868	2,234	1,827	1,600
1982	Wet	1,653	2,584	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,028	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,607	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,590	1,914	1,936	1,749	1,419	1,219	1,066	999
1988	Critical	1,040	1,151	1,448	1,698	1,740	1,826	1,861	1,837	1,649	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,837	1,615
1990	Critical	1,610	1,627	1,481	1,622	1,706	1,970	1,946	1,968	1,883	1,305	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,309	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,464	1,241	1,103	974
1993	Above Normal	1,018	1,052	1,215	1,756	2,266	2,964	3,456	3,538	3,538	3,003	2,550	2,064
1994	Critical	1,963	1,978	2,053	2,092	2,201	2,393	2,365	2,334	2,140	1,579	1,298	1,226
1995	Wet	1,197	1,233	1,335	2,604	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,251
1996	Wet	3,119	3,133	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,210	2,616	2,375	1,815
1998	Wet	1,698	1,768	1,967	2,706	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,326	2,700	2,237	1,804
2001	Dry	1,711	1,707	1,498	1,564	1,663	1,873	1,940	1,868	1,583	1,241	1,130	1,039
2002	Dry	1,014	1,091	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,477	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	1
1924	Critical	1	1	1	1	1	1	1	1	1	0	1	1
1925	Dry	0	0	0	0	0	1	0	0	1	1	0	0
1926	Dry	0	0	0	0	0	0	0	0	-1	-1	-1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	-1	-1	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	-1	-1
1935	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1936	Below Normal	2	2	6	6	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	-5	-5	-5	-5
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	1	1	-36	-35	-34	-32	-32	0
1940	Above Normal	1	2	2	2	2	0	0	0	0	0	0	0
1941	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	-10	-10	-10
1944	Dry	-10	-10	-10	-10	-10	-10	-10	-10	-3	-2	0	-6
1945	Below Normal	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
1946	Below Normal	-7	-7	-7	-7	-7	-7	-7	0	-10	-9	-11	-12
1947	Dry	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4	-6
1948	Below Normal	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1
1949	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1952	Wet	-2	-2	-2	-2	0	0	0	0	0	0	1	2
1953	Wet	3	4	0	0	0	0	0	0	0	0	-2	-3
1954	Above Normal	-4	-4	-22	-23	-23	0	0	0	0	0	0	0
1955	Dry	4	4	4	4	4	4	4	4	3	3	1	-15
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1959	Below Normal	1	1	-2	-2	0	0	0	0	0	0	0	-6
1960	Dry	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	0
1961	Dry	0	0	0	0	0	0	0	0	0	1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
1968	Below Normal	-2	-2	-8	0	0	0	0	0	0	0	0	0
1969	Wet	-1	-1	-1	0	0	0	0	0	0	-13	-9	-9
1970	Wet	-9	-9	0	0	0	0	0	0	0	0	0	-18
1971	Wet	-17	-17	-17	-17	-17	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	0	95	95	95	95	95	95	97	98	98	98
1980	Above Normal	111	111	112	0	0	0	0	1	2	4	6	74
1981	Dry	76	77	78	78	77	44	44	44	44	47	31	29
1982	Wet	24	24	0	0	0	0	0	0	0	0	0	-1
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	-3	-3	-3	-3
1988	Critical	-3	-3	-3	-3	-3	-3	-3	-3	-3	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	5	12
1990	Critical	11	11	11	11	11	11	11	11	11	11	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1992	Critical	0	0	0	0	0	0	0	0	30	0	1	1
1993	Above Normal	1	1	1	1	1	0	0	0	0	0	1	1
1994	Critical	1	1	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2
1995	Wet	-2	-2	-2	-2	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	10	6	6	6
1998	Wet	6	6	6	6	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	6	6	6	6	6	6	6	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	2	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-2%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-1%
1945	Below Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	5%	5%	4%	3%	3%	3%	3%	4%	5%	6%
1980	Above Normal	7%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1981	Dry	3%	3%	3%	3%	3%	1%	1%	1%	2%	2%	2%	2%
1982	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Oroville Reservoir Release to Feather River (Node C6)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,369	1,613	2,558	3,470	3,733	10,952	9,407	5,047
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,805	4,626	8,233	2,830	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,554	11,053	6,143	6,845
1926	Dry	2,300	1,276	1,766	850	706	1,449	1,510	5,382	8,008	11,660	6,617	3,976
1927	Wet	1,022	1,560	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,288	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,980	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,978	1,659	1,644	1,712	2,169	1,565	4,354	4,800	4,955	3,568	3,065	1,549
1930	Dry	1,243	858	4,434	697	3,795	617	2,226	3,088	7,508	11,426	7,357	6,280
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,319	6,084	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,278	7,166	2,480
1933	Critical	2,408	1,851	850	806	816	4,599	3,603	4,125	5,092	6,324	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,529	887	3,931	4,497	5,189	3,503	3,222	1,690
1935	Below Normal	1,705	841	813	1,398	805	669	1,783	3,427	5,349	11,524	9,902	6,793
1936	Below Normal	3,449	2,530	2,130	1,498	1,799	5,375	2,588	3,334	4,101	11,052	9,659	6,319
1937	Below Normal	4,689	2,649	5,490	1,620	1,524	1,545	2,676	3,614	10,112	10,792	9,733	2,962
1938	Wet	2,375	2,273	1,540	1,513	7,821	19,226	14,276	19,855	11,317	7,059	6,948	11,588
1939	Dry	4,143	2,566	4,873	1,607	1,693	1,587	5,501	5,095	5,652	11,638	7,572	3,886
1940	Above Normal	1,575	1,197	1,137	1,649	1,004	18,870	5,525	3,144	5,913	12,719	10,567	10,129
1941	Wet	3,776	2,495	1,526	1,515	14,683	11,296	4,625	10,666	6,234	10,600	5,281	12,020
1942	Wet	4,146	2,519	5,777	14,192	17,466	2,630	11,198	7,824	9,163	9,200	6,808	11,962
1943	Wet	4,550	2,398	1,529	14,800	7,325	15,925	5,252	3,413	4,833	12,391	10,120	11,950
1944	Dry	4,588	2,735	5,315	2,051	2,017	2,003	3,635	3,641	6,999	11,378	6,787	2,663
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,548	2,972	3,115	4,382	11,412	9,652	6,668
1946	Below Normal	3,342	1,595	1,534	1,524	1,529	1,547	3,243	3,865	5,767	12,098	10,248	6,397
1947	Dry	3,946	1,671	1,531	1,610	1,514	1,538	2,846	4,709	5,708	11,512	7,024	7,332
1948	Below Normal	1,606	1,447	1,357	1,738	1,122	861	1,420	2,625	3,867	11,972	10,168	4,426
1949	Dry	2,473	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,391	6,052	6,857
1950	Below Normal	875	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,448	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,310	9,759
1952	Wet	4,015	2,476	1,535	1,521	10,011	6,936	18,982	22,851	11,669	4,970	3,385	11,192
1953	Wet	4,635	2,550	4,774	20,841	1,520	6,087	6,072	5,485	8,275	12,455	8,150	11,400
1954	Above Normal	4,308	2,473	2,797	2,720	1,522	7,585	7,182	3,408	7,803	12,722	10,116	10,063
1955	Dry	3,683	1,674	1,526	1,540	1,609	1,596	3,524	3,540	5,137	10,918	6,475	2,655
1956	Wet	1,813	1,687	2,173	19,783	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,818	1,594	3,641	3,213	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,665	2,358	1,526	1,509	17,279	11,763	8,509	12,677	9,336	6,922	4,146	11,282
1959	Below Normal	4,706	2,638	6,136	1,460	6,677	2,117	4,228	3,598	6,888	12,375	9,879	5,851
1960	Dry	2,802	2,089	1,148	1,090	967	779	3,948	3,557	6,760	11,425	8,443	7,885
1961	Dry	1,096	1,497	1,582	1,075	962	854	2,977	3,592	5,191	11,323	5,640	1,774
1962	Below Normal	1,432	884	1,392	831	660	587	2,733	5,648	5,381	11,858	9,654	7,341
1963	Wet	1,060	1,019	980	978	15,270	8,109	13,695	5,478	5,944	12,815	9,819	11,346
1964	Dry	3,571	1,625	1,486	1,470	1,494	1,506	4,039	3,314	4,685	11,073	5,854	7,601
1965	Wet	1,904	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,996	7,020	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,462	12,389	10,160	8,176
1967	Wet	3,320	1,587	1,530	1,498	1,517	11,989	2,768	11,876	11,056	4,358	3,915	11,902
1968	Below Normal	4,680	2,444	4,019	1,791	11,573	6,449	3,885	3,639	6,731	12,676	9,396	7,723
1969	Wet	1,947	1,561	1,517	10,266	12,367	6,318	9,203	15,400	6,408	6,389	4,848	11,880
1970	Wet	4,245	2,452	8,959	35,711	10,502	3,980	3,489	3,516	5,132	12,128	9,802	9,808
1971	Wet	4,241	2,614	2,053	2,034	2,017	5,247	6,305	10,580	8,197	11,938	8,963	11,621
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,631	11,629	9,461	7,168
1973	Above Normal	1,693	1,558	1,501	1,498	7,678	5,948	2,899	5,090	6,925	11,338	7,547	8,478
1974	Wet	3,162	1,576	6,850	20,369	5,602	26,162	9,959	8,485	7,265	9,864	3,235	11,261
1975	Wet	4,070	2,397	1,781	1,628	5,595	12,729	2,597	10,973	8,992	10,947	4,172	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,656	3,726	4,096	10,039	5,386	6,806
1977	Critical	2,611	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,307	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,455	6,176	3,614	4,695	10,618	8,787	8,651
1979	Below Normal	4,693	2,450	5,890	1,175	1,063	889	2,473	3,643	8,030	11,377	8,671	6,215
1980	Above Normal	3,111	1,755	1,674	5,045	17,951	5,136	2,882	3,334	3,609	8,168	5,041	9,124
1981	Dry	4,691	2,603	2,900	1,582	1,494	1,486	2,591	3,458	7,289	11,527	7,558	5,641
1982	Wet	1,366	1,067	15,186	8,118	17,776	13,215	20,114	10,722	6,662	6,625	3,901	6,438
1983	Wet	2,902	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,653	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,107	1,248	2,114	1,450	20,968	21,975	2,622	3,539	4,494	11,479	8,745	11,324
1987	Dry	4,752	2,485	5,718	1,650	1,576	1,487	2,791	4,632	6,093	3,577	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,653	4,260	7,513	2,462	2,298
1989	Dry	1,184	1,472	690	658	964	577	2,613	5,210	6,906	10,832	6,859	5,230
1990	Critical	2,577	2,470	4,736	666	662	571	3,740	2,223	3,719	10,503	2,238	2,638
1991	Critical	1,489	685	1,200	872	1,061	1,089	1,678	2,045	4,749	8,887	2,214	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,118	4,202	6,265	4,100	3,382	3,876
1993	Above Normal	1,137	780	738	1,302	668	8,397	4,955	9,632	6,981	12,104	10,093	10,425
1994	Critical	4,324	2,357	2,155	1,067	985	792	3,509	3,042	4,140	10,197	5,634	2,812
1995	Wet	2,127	1,104	1,647	945	7,158	33,839	14,288	20,071	13,364	5,209	4,538	6,539
1996	Wet	4,664	2,456	4,922	12,003	20,967	9,934	7,955	11,925	5,514	11,717	6,573	11,449
1997	Wet	4,176	2,519	13,659	40,731	10,066	5,233	3,511	3,376	4,907	11,436	6,109	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,835	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,149	2,909	3,382	4,233	11,408	5,526	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,770	9,179	2,357	3,695	6,757	12,840	9,846	9,545
2001	Dry	3,941	2,462	6,269	1,585	1,556	1,463	2,773	4,631	6,179	6,847	2,979	2,573
2002	Dry	2,629	1,231	1,654	995	1,077	775	3,309	2,827	4,374	10,778	3,487	5,900
2003	Above Normal	2,325	1,846	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,425	10,266

Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,377	1,613	2,558	3,470	3,733	10,951	9,406	5,033
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,797	4,629	8,246	2,822	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,552	11,053	6,147	6,848
1926	Dry	2,303	1,276	1,766	854	706	1,450	1,510	5,383	8,013	11,660	6,631	3,952
1927	Wet	1,021	1,559	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,289	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,978	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,977	1,660	1,644	1,711	2,170	1,565	4,354	4,801	4,955	3,568	3,066	1,549
1930	Dry	1,243	858	4,434	697	3,796	617	2,226	3,088	7,511	11,426	7,357	6,281
1931	Critical	1,786	864	840	791	797	684	4,795	3,497	4,319	6,076	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,279	7,167	2,480
1933	Critical	2,411	1,854	850	806	816	4,599	3,603	4,125	5,093	6,314	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,529	888	3,933	4,499	5,190	3,505	3,234	1,690
1935	Below Normal	1,701	841	813	1,398	805	669	1,783	3,427	5,349	11,525	9,903	6,794
1936	Below Normal	3,405	2,529	2,053	1,498	1,909	5,375	2,588	3,334	4,101	11,053	9,660	6,319
1937	Below Normal	4,689	2,649	5,496	1,620	1,524	1,545	2,676	3,614	10,185	10,792	9,733	2,962
1938	Wet	2,296	2,273	1,540	1,511	7,823	19,226	14,276	19,855	11,317	7,059	6,949	11,588
1939	Dry	4,143	2,566	4,868	1,604	1,688	1,579	6,132	5,075	5,636	11,608	7,573	3,348
1940	Above Normal	1,560	1,187	1,133	1,649	1,004	18,900	5,525	3,144	5,913	12,719	10,572	10,132
1941	Wet	3,779	2,495	1,526	1,515	14,671	11,296	4,624	10,666	6,234	10,550	5,282	12,019
1942	Wet	4,145	2,518	5,776	14,192	17,466	2,630	11,198	7,824	9,163	9,200	6,812	11,962
1943	Wet	4,550	2,398	1,529	14,795	7,325	15,925	5,252	3,412	4,834	12,555	10,117	11,948
1944	Dry	4,586	2,734	5,313	2,051	2,018	2,004	3,636	3,641	6,881	11,369	6,754	2,766
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,547	2,972	3,116	4,381	11,418	9,650	6,667
1946	Below Normal	3,348	1,595	1,534	1,523	1,529	1,547	3,243	3,758	5,943	12,073	10,291	6,399
1947	Dry	3,851	1,670	1,531	1,610	1,514	1,538	2,846	4,711	5,709	11,514	6,995	7,353
1948	Below Normal	1,516	1,447	1,357	1,739	1,145	861	1,420	2,625	3,867	11,972	10,169	4,426
1949	Dry	2,477	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,392	6,046	6,837
1950	Below Normal	874	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,447	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,311	9,795
1952	Wet	4,015	2,476	1,535	1,521	9,972	6,936	18,982	22,851	11,669	4,970	3,372	11,175
1953	Wet	4,613	2,535	4,840	20,841	1,525	6,083	6,072	5,485	8,275	12,461	8,172	11,413
1954	Above Normal	4,324	2,485	3,093	2,722	1,524	7,217	7,182	3,408	7,803	12,724	10,118	10,064
1955	Dry	3,617	1,675	1,526	1,540	1,610	1,596	3,524	3,541	5,138	10,920	6,516	2,927
1956	Wet	1,563	1,688	2,174	19,781	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,819	1,594	3,642	3,211	3,123	3,155	4,121	12,568	9,781	8,899
1958	Wet	1,664	2,358	1,526	1,509	17,280	11,763	8,509	12,677	9,336	6,925	4,146	11,269
1959	Below Normal	4,705	2,638	6,176	1,460	6,643	2,117	4,228	3,598	6,891	12,377	9,881	5,953
1960	Dry	2,803	2,090	1,148	1,090	967	779	3,950	3,557	6,760	11,425	8,453	7,762
1961	Dry	1,096	1,497	1,582	1,075	962	855	2,977	3,592	5,191	11,311	5,647	1,774
1962	Below Normal	1,432	884	1,398	825	660	587	2,733	5,649	5,381	11,858	9,655	7,341
1963	Wet	1,060	1,019	980	978	15,275	8,109	13,695	5,478	5,944	12,815	9,819	11,347
1964	Dry	3,572	1,625	1,486	1,470	1,494	1,506	4,040	3,314	4,685	11,074	5,854	7,602
1965	Wet	1,898	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,992	7,021	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,464	12,389	10,161	8,174
1967	Wet	3,321	1,587	1,530	1,498	1,517	11,991	2,768	11,876	11,056	4,358	3,916	11,941
1968	Below Normal	4,680	2,444	4,104	1,666	11,573	6,449	3,885	3,640	6,732	12,676	9,396	7,724
1969	Wet	1,958	1,561	1,517	10,252	12,367	6,318	9,203	15,400	6,408	6,596	4,782	11,880
1970	Wet	4,245	2,452	8,819	35,711	10,502	3,980	3,489	3,516	5,133	12,127	9,801	10,104
1971	Wet	4,239	2,613	2,053	2,035	2,017	4,963	6,305	10,580	8,197	11,938	8,960	11,622
1972	Below Normal	4,497	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,632	11,629	9,461	7,169
1973	Above Normal	1,693	1,558	1,501	1,498	7,677	5,948	2,899	5,090	6,925	11,337	7,547	8,479
1974	Wet	3,170	1,576	6,843	20,369	5,602	26,162	9,959	8,485	7,265	9,865	3,235	11,261
1975	Wet	4,070	2,397	1,780	1,628	5,596	12,729	2,597	10,973	8,992	10,947	4,174	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,657	3,727	4,097	10,052	5,386	6,806
1977	Critical	2,597	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,308	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,454	6,176	3,612	4,696	10,619	8,789	8,653
1979	Below Normal	4,688	2,447	4,348	1,175	1,064	886	2,471	3,641	8,006	11,343	8,668	6,211
1980	Above Normal	2,904	1,752	1,672	6,862	17,951	5,136	2,875	3,326	3,597	8,135	5,007	7,972
1981	Dry	4,667	2,586	2,879	1,586	1,502	2,024	2,595	3,464	7,291	11,461	7,819	5,678
1982	Wet	1,443	1,076	15,573	8,118	17,776	13,215	20,114	10,722	6,662	6,628	3,901	6,443
1983	Wet	2,894	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,654	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,106	1,248	2,115	1,450	20,968	21,974	2,622	3,539	4,494	11,479	8,746	11,324
1987	Dry	4,752	2,485	5,723	1,650	1,576	1,487	2,791	4,631	6,144	3,578	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,654	4,260	7,458	2,461	2,299
1989	Dry	1,185	1,472	690	658	964	576	2,613	5,209	6,906	10,833	6,780	5,111
1990	Critical	2,588	2,470	4,739	666	662	571	3,740	2,223	3,720	10,504	2,416	2,640
1991	Critical	1,490	685	1,200	872	1,058	1,091	1,678	2,045	4,748	8,896	2,203	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,117	4,201	5,754	4,595	3,373	3,875
1993	Above Normal	1,136	779	737	1,302	668	8,409	4,955	9,632	6,981	12,100	10,090	10,424
1994	Critical	4,325	2,357	2,218	1,067	985	792	3,509	3,042	4,140	10,183	5,624	2,812
1995	Wet	2,127	1,104	1,647	945	7,126	33,839	14,288	20,071	13,364	5,209	4,538	6,546
1996	Wet	4,664	2,456	4,915	12,003	20,967	9,934	7,955	11,925	5,514	11,654	6,576	11,449
1997	Wet	4,176	2,519	13,656	40,731	10,066	5,233	3,511	3,376	4,745	11,489	6,110	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,949	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,148	2,909	3,382	4,233	11,406	5,525	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,773	9,179	2,357	3,695	6,757	12,840	9,847	9,545
2001	Dry	3,941	2,462	6,179	1,585	1,556	1,463	2,773	4,632	6,179	6,937	2,979	2,573
2002	Dry	2,629	1,232	1,654	995	1,077	775	3,309	2,827	4,374	10,779	3,448	5,939
2003	Above Normal	2,326	1,845	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,426	10,267

Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	8	0	0	0	0	-2	-1	-14
1924	Critical	0	0	0	0	0	0	0	-8	3	13	-8	0
1925	Dry	0	0	0	0	0	0	0	0	-2	1	4	3
1926	Dry	3	0	0	3	0	1	0	0	6	0	14	-25
1927	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1928	Above Normal	0	0	0	0	0	-1	0	0	0	0	0	0
1929	Critical	-1	1	0	-1	1	0	0	1	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	2	0	0	1
1931	Critical	0	0	0	0	0	0	0	0	0	-8	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	2	1	0
1933	Critical	3	3	0	0	0	0	0	0	1	-11	0	0
1934	Critical	0	0	0	0	0	1	1	1	1	2	12	0
1935	Below Normal	-4	0	0	0	0	0	0	0	0	1	1	2
1936	Below Normal	-43	0	-77	0	110	0	0	0	0	1	1	0
1937	Below Normal	0	0	6	0	0	0	0	0	73	1	0	0
1938	Wet	-79	0	0	-2	2	0	0	0	0	0	1	0
1939	Dry	0	0	-6	-3	-5	-8	631	-20	-16	-30	1	-539
1940	Above Normal	-15	-10	-4	0	0	30	0	0	0	0	5	3
1941	Wet	3	0	0	0	-12	0	0	0	0	-50	1	-1
1942	Wet	-1	0	-1	0	0	0	0	0	0	1	4	0
1943	Wet	0	0	0	-5	0	0	0	0	0	164	-2	-1
1944	Dry	-1	0	-2	0	0	0	0	0	-118	-9	-33	103
1945	Below Normal	0	0	0	0	0	-1	0	0	-1	6	-1	-1
1946	Below Normal	5	0	0	0	0	0	0	-107	176	-25	43	2
1947	Dry	-95	0	0	0	0	0	0	2	2	2	-29	21
1948	Below Normal	-89	0	0	0	23	0	0	0	0	0	0	-1
1949	Dry	4	0	0	0	0	0	0	0	0	0	-6	-21
1950	Below Normal	0	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-1	0	0	0	0	0	1	0	0	36
1952	Wet	0	0	0	0	-39	0	0	0	0	0	-13	-17
1953	Wet	-22	-15	66	0	4	-4	0	0	0	6	22	13
1954	Above Normal	16	11	296	2	1	-368	0	1	0	1	1	1
1955	Dry	-67	1	1	0	1	1	1	1	1	2	41	272
1956	Wet	-250	1	1	-2	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	-2	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	3	0	-13
1959	Below Normal	0	0	41	0	-34	0	0	0	3	2	2	102
1960	Dry	2	1	0	0	0	0	2	0	0	0	10	-123
1961	Dry	0	0	0	0	0	0	0	0	0	-12	6	0
1962	Below Normal	0	0	6	-6	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	5	0	0	0	0	0	0	1
1964	Dry	1	0	0	0	0	0	1	0	0	0	1	1
1965	Wet	-6	0	0	0	0	0	0	0	0	-5	1	0
1966	Below Normal	0	0	0	0	0	0	0	0	1	0	1	-1
1967	Wet	1	0	0	0	0	2	0	0	0	0	1	39
1968	Below Normal	0	0	85	-124	0	0	0	0	1	0	1	0
1969	Wet	11	0	0	-14	0	0	0	0	0	207	-67	0
1970	Wet	0	0	-140	0	0	0	0	-1	1	-1	-1	297
1971	Wet	-2	-1	0	0	0	-284	0	0	0	0	-3	1
1972	Below Normal	1	1	0	0	0	0	0	0	0	0	0	1
1973	Above Normal	0	0	0	0	-2	0	0	0	0	-1	0	1
1974	Wet	8	0	-8	0	0	0	0	0	0	2	0	0
1975	Wet	0	0	-2	0	1	0	0	0	0	0	1	0
1976	Critical	0	0	0	0	0	0	0	0	0	13	-1	0
1977	Critical	-14	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	-1	0	-1	2	2	3	2
1979	Below Normal	-4	-3	-1,542	0	0	-2	-1	-2	-24	-34	-3	-4
1980	Above Normal	-207	-4	-2	1,816	0	0	-6	-8	-12	-33	-34	-1,152
1981	Dry	-24	-17	-21	4	8	538	4	6	3	-67	261	37
1982	Wet	77	9	387	0	0	0	0	0	0	3	0	5
1983	Wet	-8	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	1	0	0	-1	0	0	0	0	0	0
1987	Dry	0	0	4	0	0	0	0	-1	51	0	0	0
1988	Critical	0	0	0	0	0	0	0	1	1	-55	0	0
1989	Dry	0	0	0	0	0	0	0	-1	-1	0	-78	-119
1990	Critical	11	0	3	0	0	0	0	0	1	1	177	2
1991	Critical	0	0	0	0	-3	2	0	0	-1	9	-11	0
1992	Critical	0	0	0	0	0	0	0	-1	-511	495	-10	-1
1993	Above Normal	-1	0	0	0	0	11	0	0	0	-5	-4	-1
1994	Critical	0	0	63	0	0	0	0	0	0	-14	-11	0
1995	Wet	0	0	0	0	-31	0	0	0	0	0	0	7
1996	Wet	0	0	-7	0	0	0	0	0	0	-63	3	0
1997	Wet	0	0	-3	0	0	0	0	0	-163	53	1	1
1998	Wet	0	0	0	0	114	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	-2	-2	0
2000	Above Normal	0	0	1	0	4	0	0	0	0	0	1	1
2001	Dry	-1	0	-91	0	0	0	0	0	0	90	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	-39	40
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-1%	0%	-4%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	11%	0%	0%	0%	0%	-14%
1940	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1947	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-6%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	11%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%
1956	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	2%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-1%	0%
1970	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1971	Wet	0%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	0%	0%	36%	0%	0%	0%	0%	0%	0%	-1%	-13%
1981	Dry	-1%	-1%	-1%	0%	1%	36%	0%	0%	0%	-1%	3%	1%
1982	Wet	6%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-8%	12%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	758	648
1924	Critical	541	478	409	351	358	347	342	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	541
1926	Dry	525	488	452	411	575	649	800	789	612	474	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	481	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	303	265	291	344	406	465	464	404	340	304
1930	Dry	285	267	407	489	557	670	770	792	675	480	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	507	315	279	243
1934	Critical	259	236	339	447	544	666	606	466	243	194	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	673	661	598	419	360	361
1940	Above Normal	343	317	304	575	562	634	800	975	972	743	674	462
1941	Wet	428	350	531	575	574	669	800	975	975	950	800	590
1942	Wet	575	494	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	782	767	557
1944	Dry	497	400	349	320	383	510	570	676	600	488	435	395
1945	Below Normal	363	432	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	556	575	575	571	563	659	800	975	975	751	669	645
1947	Dry	547	562	559	512	575	672	764	792	655	500	424	380
1948	Below Normal	386	376	345	416	416	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	644	522	559	574	566	634	800	975	975	907	800	650
1954	Above Normal	599	538	520	548	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	526	603	739	733	615	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	644
1959	Below Normal	621	509	444	498	575	666	756	786	736	440	389	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	539
1961	Dry	487	453	417	355	372	439	508	585	587	379	320	312
1962	Below Normal	292	285	311	327	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	440
1965	Wet	402	414	388	384	408	564	800	975	975	798	797	592
1966	Below Normal	508	516	507	529	536	651	800	855	798	502	468	465
1967	Wet	417	440	575	570	555	646	800	975	975	950	800	623
1968	Below Normal	619	547	538	566	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	383
1971	Wet	350	468	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	563
1974	Wet	562	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	499	480	479	575	673	800	975	975	924	800	632
1976	Critical	672	530	494	440	416	445	463	493	473	437	415	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	600	546	495	566	575	668	800	975	824	680	651	641
1980	Above Normal	600	575	575	460	427	628	800	975	975	950	800	589
1981	Dry	570	475	432	434	441	594	688	720	656	452	406	402
1982	Wet	388	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	445	384	346	381	502	560	552	457	305	253	268
1988	Critical	256	257	331	438	446	476	532	540	476	403	349	334
1989	Dry	317	388	439	471	521	653	800	823	620	463	424	418
1990	Critical	422	407	364	375	396	501	571	587	545	447	395	378
1991	Critical	314	263	205	144	104	298	432	559	571	474	313	248
1992	Critical	255	256	261	251	423	570	604	543	434	115	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	630
1994	Critical	600	498	460	397	401	435	482	526	523	436	383	339
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	510	575	562	478	628	800	975	975	863	800	608
1997	Wet	534	484	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	465	410	571	563	667	800	975	930	660	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	484	408	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	540
2003	Above Normal	479	463	566	568	554	636	800	975	975	739	714	586

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 1 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	759	648
1924	Critical	542	478	409	352	359	348	343	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	540
1926	Dry	524	488	451	411	575	649	800	789	612	473	383	385
1927	Wet	355	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	480	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	302	264	291	344	406	465	464	404	340	303
1930	Dry	285	267	407	489	557	670	770	792	675	479	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	508	315	280	243
1934	Critical	257	234	337	445	542	664	605	464	242	193	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	542	496	458	448	575	646	639	580	402	353	354
1940	Above Normal	339	316	306	575	562	634	800	975	972	743	674	463
1941	Wet	428	352	533	575	574	669	800	975	975	950	800	590
1942	Wet	574	490	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	491	575	560	524	634	800	975	974	786	772	561
1944	Dry	514	403	350	323	386	513	573	678	595	487	434	395
1945	Below Normal	363	433	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	558	575	575	571	563	659	800	975	975	751	669	633
1947	Dry	535	550	547	500	566	672	764	792	656	500	424	380
1948	Below Normal	386	376	345	416	417	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	645	500	536	574	566	634	800	975	975	907	800	650
1954	Above Normal	600	540	522	550	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	525	603	739	733	614	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	645
1959	Below Normal	621	491	427	480	575	666	756	786	736	440	388	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	537
1961	Dry	485	452	415	353	370	437	506	583	585	377	317	310
1962	Below Normal	290	284	311	328	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	790	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	439
1965	Wet	402	414	388	384	408	564	800	975	975	799	798	593
1966	Below Normal	509	518	509	530	537	653	800	855	797	501	468	464
1967	Wet	416	440	575	570	555	646	800	975	975	950	800	621
1968	Below Normal	616	523	517	545	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	382
1971	Wet	350	467	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	558
1974	Wet	557	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	501	482	480	575	673	800	975	975	924	800	632
1976	Critical	672	529	494	439	416	445	463	492	473	437	414	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	599	512	461	533	575	668	800	975	823	656	628	618
1980	Above Normal	579	573	575	460	427	628	800	975	975	950	800	587
1981	Dry	569	468	425	427	434	587	682	714	650	448	403	399
1982	Wet	385	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	445	384	346	381	502	560	552	460	305	254	268
1988	Critical	256	258	332	439	445	475	531	539	475	402	348	334
1989	Dry	316	388	439	471	522	653	800	823	619	462	423	417
1990	Critical	421	406	363	374	395	501	570	586	545	446	398	381
1991	Critical	316	264	204	143	102	296	428	554	566	470	307	243
1992	Critical	249	250	256	246	418	564	598	538	427	108	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	631
1994	Critical	600	498	461	397	401	435	482	526	523	435	383	338
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	483	565	562	478	628	800	975	975	862	800	607
1997	Wet	537	486	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	464	410	571	563	667	800	975	930	659	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	483	409	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	539
2003	Above Normal	478	462	565	568	554	636	800	975	975	739	714	586

Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 1 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	-1	-1	0	0	0	0	1	0
1924	Critical	1	1	1	1	1	1	1	1	1	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	-1	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	-2	-2	-2	-2	-2	-27	-22	-18	-17	-7	-7
1940	Above Normal	-4	-1	2	0	0	0	0	0	0	0	0	0
1941	Wet	0	2	1	0	0	0	0	0	0	0	0	0
1942	Wet	-1	-4	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	4	4	4
1944	Dry	17	3	1	3	3	3	3	2	-5	-2	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-12
1947	Dry	-12	-12	-12	-12	-9	0	0	0	1	0	-1	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	1	-23	-23	0	0	0	0	0	0	0	0	0
1954	Above Normal	1	2	2	2	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	-18	-18	-18	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1961	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
1962	Below Normal	-1	0	0	1	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	1	1	1
1966	Below Normal	1	2	2	2	2	2	0	0	0	-1	-1	-1
1967	Wet	-1	0	0	0	0	0	0	0	0	0	0	-3
1968	Below Normal	-3	-24	-21	-21	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	-1
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-5
1974	Wet	-5	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	1	1	1	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-1
1979	Below Normal	-1	-34	-34	-33	0	0	0	0	-1	-24	-23	-23
1980	Above Normal	-21	-2	0	0	0	0	0	0	0	0	0	-1
1981	Dry	-1	-7	-7	-7	-7	-7	-6	-6	-5	-5	-3	-3
1982	Wet	-3	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	3	0	0	1
1988	Critical	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
1989	Dry	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1990	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3
1991	Critical	2	1	0	-1	-2	-3	-4	-4	-4	-4	-6	-6
1992	Critical	-6	-6	-6	-6	-6	-5	-5	-5	-7	-6	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	-27	-10	0	0	0	0	0	0	0	0	0
1997	Wet	3	2	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	1	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-1	-1	-1	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-4%	-2%	-2%
1940	Above Normal	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1944	Dry	3%	1%	0%	1%	1%	1%	0%	0%	-1%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-4%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-6%	-7%	-6%	0%	0%	0%	0%	0%	-3%	-4%	-4%
1980	Above Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1991	Critical	1%	0%	0%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1992	Critical	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-6%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-5%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Folsom Reservoir Release to American River (Node C8)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,758	5,476	4,489	4,572	1,901	2,936	4,395	2,794	5,109	2,011	3,480
1924	Critical	3,004	1,984	2,046	1,746	1,495	848	863	869	625	634	628	581
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,760	5,110	3,866	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,506	848	3,413	1,593	3,389	2,692	1,876	907
1927	Wet	1,555	1,604	1,615	3,521	13,407	4,518	7,605	4,583	5,234	4,780	2,151	3,460
1928	Above Normal	2,031	4,674	2,050	1,798	1,790	11,904	4,703	1,827	2,901	5,104	2,463	2,251
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,388	1,657	1,668	1,662	1,582
1930	Dry	1,050	1,083	1,111	1,067	1,072	2,615	1,814	1,822	3,156	3,990	1,980	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	905	821	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,373	3,256	3,982
1933	Critical	2,152	2,685	2,041	1,739	1,489	1,488	1,738	1,510	3,634	3,959	1,794	1,606
1934	Critical	850	1,513	832	821	822	573	2,597	3,064	4,195	887	1,687	750
1935	Below Normal	971	928	839	860	895	1,775	5,709	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,805	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,824
1938	Wet	1,560	2,066	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,981
1939	Dry	1,569	2,307	2,052	1,750	1,495	845	870	1,447	1,572	2,980	1,105	886
1940	Above Normal	1,426	1,423	1,411	2,850	10,515	10,581	6,085	3,025	1,858	5,120	2,594	5,102
1941	Wet	1,785	2,761	1,871	4,992	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,610	3,065	4,284	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,998
1943	Wet	1,660	4,969	3,282	10,773	7,288	11,930	5,137	2,416	2,913	5,107	1,862	5,103
1944	Dry	2,219	2,764	2,014	1,789	1,478	1,463	1,508	1,520	2,883	3,004	2,437	1,726
1945	Below Normal	1,558	1,638	1,665	1,668	7,698	2,034	2,128	3,352	2,574	5,113	2,597	2,906
1946	Below Normal	2,673	2,894	8,793	5,116	2,592	3,044	3,445	3,499	1,880	5,120	2,804	1,969
1947	Dry	2,866	1,989	2,050	1,751	1,544	2,426	1,185	1,196	3,255	3,059	2,113	1,687
1948	Below Normal	1,558	1,582	1,581	1,350	1,156	1,781	1,790	3,277	4,941	3,497	2,671	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,871	3,424	2,257
1950	Below Normal	1,568	1,988	2,050	1,791	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,842	15,858	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,154
1952	Wet	1,569	2,628	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,452
1953	Wet	1,605	3,645	2,047	6,883	2,333	1,801	2,509	2,703	6,179	4,109	3,546	4,118
1954	Above Normal	2,098	3,053	2,052	1,748	2,925	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,979	1,494	1,509	1,519	1,841	2,969	2,609	1,620
1956	Wet	1,560	1,971	16,306	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,357	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,264
1959	Below Normal	1,571	3,270	2,052	1,745	1,870	866	878	886	1,534	5,114	1,020	894
1960	Dry	1,556	1,638	1,688	1,442	1,256	3,029	2,062	1,564	1,564	2,138	2,515	1,707
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	923	930	949	3,300	949	939
1962	Below Normal	1,019	1,051	1,078	853	2,504	2,004	3,770	1,910	1,857	5,120	3,082	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,579	1,863	3,513
1964	Dry	2,339	4,336	2,050	2,487	1,802	1,752	1,768	1,776	1,840	3,511	2,502	1,689
1965	Wet	1,559	1,738	20,139	12,972	5,358	1,797	5,473	3,602	3,521	5,108	1,861	5,102
1966	Below Normal	2,735	2,149	2,043	1,789	1,791	862	1,479	890	1,276	5,046	1,193	904
1967	Wet	1,570	1,762	2,608	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,805
1968	Below Normal	1,571	3,310	2,100	1,743	6,726	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,751	5,068	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,018	3,954
1971	Wet	1,531	1,679	4,339	4,731	3,437	3,980	2,359	3,478	4,884	3,816	2,947	4,420
1972	Below Normal	1,570	3,240	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,764	9,256	7,075	3,446	2,221	4,158	3,261	4,789	1,862	3,115
1974	Wet	1,568	6,541	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,486	2,050	1,748	2,505	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,474	2,052	1,752	1,501	850	861	868	927	1,105	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,557	4,188	3,677	4,108	4,884	1,863	3,781
1979	Below Normal	1,583	2,336	2,051	1,732	3,414	3,421	1,812	4,181	4,018	3,620	1,846	1,621
1980	Above Normal	2,102	2,301	2,297	17,656	13,166	3,701	2,888	2,837	3,107	2,833	4,132	5,077
1981	Dry	1,571	3,029	2,050	1,784	1,800	826	877	887	1,393	3,385	1,126	899
1982	Wet	1,566	4,746	13,884	7,885	15,728	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,170	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,055	2,413	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,880
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,105	1,798	2,417	855	802
1988	Critical	856	931	859	812	1,170	966	611	779	1,236	1,141	803	769
1989	Dry	924	917	902	906	833	8,941	4,316	3,467	4,826	3,316	2,025	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,039	1,650	1,204
1991	Critical	1,535	1,492	1,519	1,298	1,104	1,049	1,171	1,143	1,977	2,915	3,366	1,575
1992	Critical	854	851	835	834	819	444	1,352	1,519	1,696	5,062	594	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,791	2,654	3,982
1994	Critical	1,856	3,208	2,051	1,752	1,503	1,093	1,110	1,115	1,667	1,832	1,180	1,159
1995	Wet	1,312	1,341	1,357	10,300	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	2,784	2,303	5,527	13,720	6,453	4,730	8,092	3,157	3,773	2,500	4,883
1997	Wet	2,614	3,746	12,865	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,514
1998	Wet	1,440	1,451	1,422	4,887	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,134	2,258	4,992
2000	Above Normal	1,820	3,252	2,052	2,149	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,633	2,360	2,050	1,744	1,467	837	855	879	1,373	2,234	1,263	887
2002	Dry	1,223	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,891	2,654	1,709
2003	Above Normal	1,644	1,988	2,016	3,387	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,590

Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,759	5,475	4,489	4,584	1,901	2,926	4,396	2,795	5,108	2,001	3,493
1924	Critical	2,992	1,984	2,046	1,746	1,495	848	863	869	628	638	631	585
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,763	5,109	3,871	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,499	848	3,413	1,593	3,399	2,691	1,873	907
1927	Wet	1,555	1,603	1,613	3,520	13,407	4,518	7,605	4,583	5,234	4,781	2,151	3,460
1928	Above Normal	2,031	4,676	2,050	1,798	1,790	11,902	4,703	1,827	2,902	5,104	2,464	2,252
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,387	1,657	1,668	1,662	1,582
1930	Dry	1,049	1,082	1,110	1,066	1,072	2,616	1,814	1,822	3,154	3,994	1,979	1,615
1931	Critical	2,161	1,735	1,754	1,529	1,309	928	907	912	800	906	820	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,371	3,259	3,982
1933	Critical	2,150	2,682	2,041	1,739	1,489	1,488	1,738	1,510	3,633	3,958	1,794	1,606
1934	Critical	884	1,515	832	821	822	569	2,596	3,063	4,195	887	1,666	750
1935	Below Normal	971	928	839	860	895	1,775	5,710	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,804	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,823
1938	Wet	1,560	2,066	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,982
1939	Dry	1,569	2,343	2,052	1,750	1,495	844	1,302	1,359	1,519	2,969	944	886
1940	Above Normal	1,380	1,376	1,365	2,877	10,516	10,581	6,085	3,025	1,858	5,120	2,588	5,102
1941	Wet	1,787	2,739	1,872	5,016	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,625	3,122	4,213	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,999
1943	Wet	1,660	4,963	3,287	10,773	7,288	11,930	5,137	2,416	2,913	5,037	1,862	5,103
1944	Dry	2,012	3,003	2,043	1,760	1,478	1,463	1,508	1,521	3,002	2,956	2,415	1,711
1945	Below Normal	1,558	1,640	1,668	1,671	7,695	2,034	2,129	3,353	2,575	5,112	2,599	2,907
1946	Below Normal	2,652	2,917	8,793	5,117	2,592	3,044	3,445	3,499	1,880	5,120	2,804	2,165
1947	Dry	2,866	1,989	2,050	1,751	1,497	2,280	1,188	1,199	3,241	3,061	2,127	1,681
1948	Below Normal	1,558	1,581	1,580	1,349	1,155	1,781	1,790	3,278	4,941	3,496	2,672	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,872	3,423	2,262
1950	Below Normal	1,568	1,988	2,050	1,787	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,848	15,852	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,152
1952	Wet	1,569	2,629	4,282	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,449
1953	Wet	1,593	4,040	2,047	6,516	2,333	1,801	2,511	2,703	6,179	4,110	3,544	4,118
1954	Above Normal	2,084	3,039	2,052	1,748	2,956	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,982	1,494	1,509	1,519	1,841	2,973	2,599	1,620
1956	Wet	1,560	1,972	16,308	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,358	2,051	1,752	1,572	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,256
1959	Below Normal	1,571	3,573	2,052	1,745	1,554	866	878	886	1,535	5,114	1,016	895
1960	Dry	1,550	1,642	1,686	1,440	1,255	3,027	2,066	1,564	1,564	2,140	2,513	1,733
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	924	931	949	3,306	949	940
1962	Below Normal	1,005	1,037	1,064	842	2,525	2,004	3,770	1,910	1,857	5,120	3,081	2,003
1963	Wet	3,449	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,580	1,863	3,513
1964	Dry	2,339	4,335	2,050	2,487	1,802	1,752	1,768	1,776	1,840	3,512	2,503	1,690
1965	Wet	1,559	1,738	20,137	12,972	5,358	1,797	5,473	3,602	3,521	5,095	1,861	5,102
1966	Below Normal	2,733	2,135	2,043	1,789	1,791	862	1,507	890	1,277	5,059	1,190	904
1967	Wet	1,570	1,759	2,600	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,851
1968	Below Normal	1,571	3,669	2,050	1,743	6,363	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,753	5,067	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,017	3,966
1971	Wet	1,528	1,680	4,332	4,731	3,437	3,980	2,359	3,478	4,884	3,813	2,949	4,418
1972	Below Normal	1,570	3,242	2,038	1,941	3,084	4,145	1,820	1,829	1,854	5,104	1,989	1,620
1973	Above Normal	1,559	1,975	2,763	9,256	7,075	3,446	2,221	4,158	3,261	4,785	1,862	3,200
1974	Wet	1,568	6,461	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,463	2,050	1,748	2,529	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,479	2,052	1,752	1,501	850	861	868	926	1,102	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,558	4,188	3,677	4,108	4,883	1,863	3,791
1979	Below Normal	1,595	2,879	2,051	1,732	2,811	3,421	1,814	4,183	4,035	3,992	1,846	1,621
1980	Above Normal	2,075	1,980	2,268	17,657	13,167	3,701	2,888	2,837	3,107	2,833	4,132	5,102
1981	Dry	1,571	3,116	2,050	1,784	1,800	826	876	886	1,385	3,378	1,111	898
1982	Wet	1,565	4,696	13,885	7,886	15,730	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,170	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,055	2,413	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,881
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,109	1,743	2,462	855	802
1988	Critical	856	931	859	812	1,195	970	611	778	1,237	1,138	803	769
1989	Dry	918	912	896	901	833	8,949	4,316	3,473	4,835	3,318	2,022	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,037	1,592	1,204
1991	Critical	1,550	1,509	1,538	1,314	1,118	1,063	1,185	1,157	1,977	2,901	3,401	1,575
1992	Critical	854	851	835	834	819	444	1,353	1,505	1,732	5,062	552	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,788	2,650	3,983
1994	Critical	1,862	3,203	2,051	1,752	1,503	1,094	1,111	1,116	1,675	1,837	1,178	1,160
1995	Wet	1,310	1,339	1,355	10,302	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	3,231	2,040	5,358	13,720	6,453	4,730	8,092	3,157	3,775	2,499	4,885
1997	Wet	2,569	3,750	12,905	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,509
1998	Wet	1,444	1,450	1,424	4,886	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,133	2,259	4,992
2000	Above Normal	1,822	3,253	2,052	2,146	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,632	2,360	2,050	1,744	1,467	837	855	879	1,379	2,232	1,250	887
2002	Dry	1,232	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,892	2,654	1,734
2003	Above Normal	1,633	1,988	2,016	3,373	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,591

Change in Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	1	-1	0	12	0	-10	1	1	0	-10	13
1924	Critical	-12	0	0	0	0	0	0	0	3	3	3	3
1925	Dry	0	0	0	0	0	0	0	0	2	0	5	0
1926	Dry	0	0	0	0	-7	0	0	0	10	-1	-3	0
1927	Wet	0	-1	-1	-1	0	0	0	0	0	1	0	0
1928	Above Normal	0	2	0	0	0	-2	0	0	1	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	1	0	0	-2	4	-1	0
1931	Critical	0	0	0	0	0	0	0	0	0	1	-1	0
1932	Dry	0	0	0	0	0	0	0	0	0	-2	2	0
1933	Critical	-2	-3	0	0	0	0	0	0	-1	-1	0	0
1934	Critical	34	2	0	0	0	-4	-1	-1	-1	0	-21	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	1	0	0	0	0	0	0	-1
1938	Wet	0	1	0	0	0	0	0	0	0	0	0	2
1939	Dry	0	35	0	0	0	-1	431	-89	-52	-11	-161	-1
1940	Above Normal	-46	-46	-46	27	1	0	0	0	0	0	-5	0
1941	Wet	2	-22	1	23	0	0	0	0	0	0	0	0
1942	Wet	16	57	-71	0	0	0	0	0	0	0	0	0
1943	Wet	0	-6	5	0	0	0	0	0	0	-70	0	0
1944	Dry	-207	239	29	-29	0	0	0	0	119	-48	-22	-16
1945	Below Normal	0	2	3	3	-3	0	1	1	1	0	2	1
1946	Below Normal	-21	23	0	0	0	0	0	0	0	0	0	196
1947	Dry	0	0	0	0	-47	-145	3	3	-15	2	14	-6
1948	Below Normal	0	-1	-1	-1	-1	0	0	1	0	-1	1	0
1949	Dry	0	0	0	0	0	0	0	0	0	1	-1	5
1950	Below Normal	0	0	0	-4	0	0	0	0	0	0	0	0
1951	Above Normal	6	-6	0	0	0	0	0	0	0	0	0	-2
1952	Wet	0	1	1	0	0	0	0	0	0	0	0	-3
1953	Wet	-12	394	0	-367	0	-1	2	0	0	2	-2	0
1954	Above Normal	-15	-14	0	0	32	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	3	0	0	0	0	4	-9	0
1956	Wet	0	1	2	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	1	0	0	-1	0	0	0	0	0	0	1
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	-8
1959	Below Normal	0	303	0	0	-316	0	0	0	1	0	-4	0
1960	Dry	-5	5	-2	-2	-1	-2	4	1	0	2	-3	26
1961	Dry	0	0	0	0	0	1	1	1	0	6	1	1
1962	Below Normal	-14	-14	-14	-12	21	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	1	0	-1
1964	Dry	0	-1	0	1	0	0	0	0	0	0	0	1
1965	Wet	0	0	-2	0	0	0	0	0	0	-12	0	0
1966	Below Normal	-2	-14	0	0	0	0	28	0	1	13	-3	0
1967	Wet	0	-3	-8	0	0	0	0	0	0	0	0	45
1968	Below Normal	0	359	-50	0	-363	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	1	-1	0	0	-1	0	0	0	0	-1	12
1971	Wet	-3	0	-7	0	0	0	0	0	0	-3	3	-2
1972	Below Normal	0	2	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	-1	0	0	0	0	0	0	-4	0	85
1974	Wet	0	-80	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-23	0	0	24	0	0	0	0	0	0	0
1976	Critical	0	6	0	0	0	0	0	0	-1	-2	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	-1	0
1978	Above Normal	0	0	0	0	0	2	0	0	0	-1	0	10
1979	Below Normal	11	543	0	0	-603	0	2	2	18	372	-1	-1
1980	Above Normal	-27	-321	-30	1	1	0	0	0	0	0	0	25
1981	Dry	0	87	0	0	0	0	-1	-1	-8	-7	-16	-1
1982	Wet	-1	-50	1	1	2	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1987	Dry	0	0	0	0	0	0	0	4	-55	45	0	0
1988	Critical	0	0	0	0	24	4	0	-1	1	-3	0	0
1989	Dry	-5	-5	-5	-5	0	8	0	6	8	1	-3	0
1990	Critical	0	0	0	0	0	0	0	0	0	-1	-58	0
1991	Critical	15	18	19	16	14	14	14	14	1	-13	35	0
1992	Critical	0	0	0	0	0	0	1	-13	35	0	-42	0
1993	Above Normal	0	0	0	1	0	0	0	0	0	-4	-3	1
1994	Critical	6	-5	0	0	0	1	1	1	7	5	-2	1
1995	Wet	-2	-2	-2	2	0	0	0	0	0	0	0	0
1996	Wet	0	447	-263	-169	0	0	0	0	0	2	-2	2
1997	Wet	-46	4	40	0	0	0	0	0	0	0	0	-4
1998	Wet	4	-1	2	-1	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	-2	2	0
2000	Above Normal	2	1	0	-3	0	0	0	0	0	0	0	0
2001	Dry	-1	0	0	0	0	0	0	0	6	-2	-13	0
2002	Dry	9	0	0	0	0	0	0	0	0	1	0	25
2003	Above Normal	-11	0	0	-14	0	0	0	0	0	0	0	1

Percent Change in Simulated Folsom Reservoir Release to American River (Node C8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	4%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	2%	0%	0%	0%	0%	50%	-6%	-3%	0%	-15%	0%
1940	Above Normal	-3%	-3%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1944	Dry	-9%	9%	1%	-2%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	0%	0%	0%	-3%	-6%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	11%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	-1%	-1%	-1%	1%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-2%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	23%	0%	0%	-18%	0%	0%	0%	0%	10%	0%	0%
1980	Above Normal	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%	-7%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	16%	-11%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,880	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,536	25,913	25,575	17,422	11,194	20,752	15,101	11,982	20,351	15,142	14,230
1924	Critical	10,422	9,176	9,216	12,428	15,161	8,997	7,810	6,668	7,683	12,577	7,738	6,431
1925	Dry	7,273	7,813	12,925	12,191	48,839	17,122	23,765	13,614	11,833	19,542	14,145	13,688
1926	Dry	9,103	9,030	9,506	17,703	36,119	12,364	21,579	10,500	13,790	18,693	11,316	11,039
1927	Wet	7,965	22,101	18,695	31,512	73,846	41,515	42,702	24,048	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,664	14,926	23,969	21,355	65,896	24,474	10,349	15,836	24,707	17,128	21,888
1929	Critical	11,319	13,333	11,864	12,734	16,195	12,012	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,954	20,102	17,817	30,594	12,527	10,415	13,279	17,396	11,653	12,372
1931	Critical	7,939	7,871	8,123	13,795	11,672	8,401	9,591	7,188	7,637	11,444	7,628	6,371
1932	Dry	6,475	6,781	19,504	20,459	15,199	12,297	9,418	12,474	15,325	12,593	13,134	10,292
1933	Critical	8,136	7,934	9,788	14,534	12,441	14,056	9,261	8,209	10,645	11,449	10,556	7,776
1934	Critical	6,319	6,547	14,507	17,988	14,976	11,480	10,970	9,588	10,855	8,538	9,130	6,493
1935	Below Normal	6,285	11,417	10,184	26,759	13,372	26,067	41,176	18,646	15,268	19,389	14,834	14,554
1936	Below Normal	11,279	9,853	11,220	37,521	57,105	33,124	20,903	13,106	14,138	19,884	14,415	14,337
1937	Below Normal	11,647	9,187	14,268	13,670	33,311	36,110	20,872	13,641	16,845	18,946	14,346	10,788
1938	Wet	9,595	25,042	58,741	29,176	69,836	72,336	54,550	52,682	34,311	15,320	15,408	28,581
1939	Dry	12,561	13,791	14,697	10,781	11,943	9,604	8,167	9,987	9,703	19,823	12,385	11,368
1940	Above Normal	8,138	7,999	9,408	26,673	53,374	67,583	54,439	14,804	12,662	23,354	16,524	21,560
1941	Wet	10,866	13,530	32,945	62,007	65,241	61,062	49,948	38,463	15,713	17,594	15,373	30,470
1942	Wet	12,392	17,463	40,477	56,868	68,793	22,219	41,928	31,782	24,530	16,718	15,492	30,142
1943	Wet	12,698	19,217	18,654	58,781	47,831	57,405	25,207	15,143	12,158	23,379	15,966	29,530
1944	Dry	12,360	15,810	14,879	15,313	24,567	19,253	9,375	8,947	12,221	18,469	12,720	8,688
1945	Below Normal	7,959	14,719	16,826	13,193	43,522	21,226	11,687	12,020	11,485	19,921	16,091	14,272
1946	Below Normal	12,794	14,071	50,328	45,221	16,578	16,555	13,928	13,098	11,647	21,136	16,842	13,892
1947	Dry	12,171	10,722	14,992	11,605	17,778	20,137	12,468	9,457	13,301	19,994	13,469	15,205
1948	Below Normal	10,278	11,110	9,660	14,993	10,327	16,248	23,465	27,653	20,615	20,979	17,391	15,438
1949	Dry	10,977	10,129	13,736	11,250	12,966	39,926	12,724	12,264	12,640	20,155	14,845	16,022
1950	Below Normal	8,353	9,538	10,016	19,572	34,224	20,169	18,686	14,436	13,666	20,810	16,354	14,953
1951	Above Normal	13,167	45,220	74,839	55,303	59,040	27,907	14,162	16,376	12,736	23,877	17,053	22,256
1952	Wet	12,232	17,625	35,728	58,621	58,578	52,947	53,597	58,672	35,877	17,632	15,882	27,810
1953	Wet	14,277	16,780	31,980	63,667	23,447	20,938	16,475	22,959	24,612	22,618	16,997	29,980
1954	Above Normal	11,760	19,503	12,034	24,520	45,175	44,583	38,863	12,144	14,414	24,388	17,213	23,074
1955	Dry	11,670	17,054	22,509	18,642	12,892	10,482	10,861	11,122	10,105	19,718	12,742	9,820
1956	Wet	9,092	11,359	50,267	75,204	59,531	34,081	18,165	39,033	20,347	17,510	15,575	30,366
1957	Above Normal	13,371	18,754	15,089	13,587	16,620	39,447	11,814	18,360	11,418	24,531	17,369	22,171
1958	Wet	15,391	16,903	22,774	36,851	69,408	68,228	67,602	41,752	29,552	17,395	16,628	27,503
1959	Below Normal	14,601	17,218	15,423	22,176	41,393	15,553	10,026	10,243	13,585	23,825	17,474	14,225
1960	Dry	9,886	9,090	9,070	13,300	27,057	19,069	11,975	10,980	13,606	19,856	14,558	15,342
1961	Dry	8,365	13,157	18,468	13,206	33,752	17,854	10,400	10,431	11,242	20,702	12,391	10,776
1962	Below Normal	8,169	10,246	16,683	10,606	44,161	21,895	12,997	13,347	11,618	23,013	17,543	14,919
1963	Wet	33,355	16,012	27,929	16,237	61,331	25,256	64,574	26,078	14,538	24,246	16,762	30,344
1964	Dry	12,615	22,115	12,797	22,627	13,062	10,792	9,862	10,721	10,746	19,849	12,140	13,908
1965	Wet	8,339	15,660	44,967	70,922	32,660	19,871	40,451	17,396	14,940	21,422	14,864	29,395
1966	Below Normal	12,897	21,099	13,417	24,845	22,807	20,211	13,695	10,403	12,617	23,040	17,157	15,482
1967	Wet	10,819	15,448	34,796	36,722	46,502	46,500	34,695	42,784	37,846	14,305	15,065	29,558
1968	Below Normal	13,407	15,525	15,410	23,313	50,204	32,235	10,390	11,166	12,589	23,907	16,534	14,202
1969	Wet	10,117	12,122	22,200	64,506	69,185	42,969	39,774	44,977	22,171	13,668	13,971	29,346
1970	Wet	12,251	15,184	41,445	77,161	62,430	33,547	10,867	12,666	12,948	24,905	16,775	27,450
1971	Wet	13,443	20,073	46,603	46,297	22,275	38,159	22,549	27,488	20,937	22,404	17,260	29,762
1972	Below Normal	13,757	16,322	15,659	15,999	16,546	28,014	11,585	10,956	12,707	23,865	17,007	15,359
1973	Above Normal	10,703	19,412	25,345	57,679	64,106	46,919	14,932	16,535	15,813	22,507	15,508	20,491
1974	Wet	11,473	48,136	58,854	72,471	39,318	68,092	56,233	20,456	19,260	19,965	16,709	29,453
1975	Wet	14,091	18,877	14,844	13,517	48,121	59,021	20,153	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,478	18,974	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,973	9,446	11,214
1977	Critical	9,622	7,888	8,152	9,699	10,992	8,062	8,540	5,524	8,178	8,797	9,958	5,994
1978	Above Normal	6,051	6,462	15,587	48,322	44,089	54,911	34,109	17,802	15,473	19,978	16,258	21,336
1979	Below Normal	12,475	13,755	14,901	21,623	29,370	24,738	13,660	14,102	14,804	20,851	15,920	13,017
1980	Above Normal	12,403	14,794	20,114	67,141	67,504	43,304	16,814	13,909	12,481	16,035	15,242	20,302
1981	Dry	11,235	14,277	15,432	20,906	24,476	20,006	12,999	9,435	13,616	20,092	15,548	12,190
1982	Wet	9,707	33,565	68,597	59,043	66,880	61,267	72,159	31,322	20,576	14,702	13,246	23,678
1983	Wet	18,184	36,221	57,783	57,411	74,202	81,646	57,031	54,067	51,096	22,909	20,022	25,581
1984	Wet	18,451	54,755	76,377	47,269	33,679	33,969	13,085	11,872	13,920	23,828	16,065	26,847
1985	Dry	11,534	25,136	21,405	13,888	15,040	13,073	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,148	22,421	77,014	70,806	18,193	12,247	12,485	21,064	15,456	23,855
1987	Dry	11,490	12,500	14,721	13,805	19,565	22,861	9,274	10,701	13,502	13,241	8,509	8,575
1988	Critical	7,753	7,725	18,032	25,417	13,668	7,491	11,162	9,310	10,829	15,127	10,025	6,502
1989	Dry	6,471	9,881	10,274	12,398	9,012	45,573	21,515	13,745	13,855	19,927	12,856	14,347
1990	Critical	10,114	9,013	12,037	18,886	13,698	12,010	11,157	7,830	8,133	17,887	10,101	6,799
1991	Critical	6,210	6,318	7,378	7,622	9,393	29,181	11,752	7,077	9,689	16,611	9,058	6,636
1992	Critical	6,534	6,620	7,014	10,738	28,450	18,644	11,102	9,196	13,703	11,940	10,367	6,995
1993	Above Normal	7,809	6,569	13,607	46,739	48,114	38,911	37,578	28,043	25,549	19,714	16,527	22,968
1994	Critical	12,975	14,401	15,027	13,089	21,930	11,362	11,967	9,393	8,384	19,574	13,703	10,021
1995	Wet	7,639	8,198	15,686	63,249	49,155	77,551	50,480	58,340	37,625	16,828	17,466	23,888
1996	Wet	14,953	12,817	23,544	42,647	72,227	57,366	33,119	40,964	14,995	21,763	15,848	31,448
1997	Wet	11,802	17,566	50,230	78,291	51,916	22,186	16,270	12,060	12,771	24,526	16,166	29,129
1998	Wet	12,003	17,653	18,887	27,523	68,069	60,623	45,543	43,094	61,226	22,770	19,758	26,148
1999	Wet	16,186	26,912	34,940	38,606	60,761	54,741	23,001	18,333	16,640	22,031	16,118	26,209
2000	Above Normal	11,421	18,400	14,453	21,529	62,004	48,472	18,097	15,790	12,380	22,360	16,955	22,306
2001	Dry	9,571	14,044	14,523	16,600	23,951	22,220	11,431	9,145	13,467	17,421	9,250	9,447
2002	Dry	7,364	10,129	28,722	43,394	18,184	19,209	16,012	11,896	10,765	20,240	13,619	14,023
2003	Above Normal	7,944	9,607	36,481	56,414	25,080	22,349	24,564	40,510	14,680	23,892	17,293	22,985

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 1 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,879	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,541	25,912	25,575	17,442	11,194	20,744	15,102	11,983	20,351	15,131	14,230
1924	Critical	10,410	9,176	9,216	12,428	15,160	8,997	7,810	6,660	7,683	12,579	7,738	6,433
1925	Dry	7,273	7,806	12,920	12,187	48,838	17,118	23,761	13,614	11,834	19,540	14,155	13,691
1926	Dry	9,106	9,033	9,503	17,701	36,109	12,362	21,576	10,500	13,789	18,693	11,313	11,009
1927	Wet	7,965	22,096	18,691	31,508	73,843	41,513	42,700	24,045	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,662	14,923	23,966	21,352	65,889	24,472	10,348	15,835	24,706	17,127	21,887
1929	Critical	11,319	13,329	11,860	12,732	16,193	12,010	8,339	8,244	10,339	9,431	10,117	6,531
1930	Dry	6,359	6,664	17,951	20,099	17,814	30,593	12,527	10,415	13,279	17,394	11,652	12,373
1931	Critical	7,939	7,871	8,121	13,793	11,670	8,400	9,591	7,188	7,637	11,435	7,627	6,371
1932	Dry	6,474	6,773	19,497	20,453	15,195	12,323	9,418	12,474	15,325	12,593	13,138	10,292
1933	Critical	8,136	7,934	9,782	14,529	12,436	14,051	9,261	8,209	10,645	11,438	10,553	7,776
1934	Critical	6,319	6,547	14,502	17,983	14,971	11,473	10,970	9,588	10,855	8,537	9,022	6,493
1935	Below Normal	6,282	11,412	10,179	26,755	13,367	26,063	41,173	18,646	15,268	19,390	14,835	14,556
1936	Below Normal	11,236	9,853	11,140	37,519	57,206	33,120	20,900	13,105	14,138	19,883	14,416	14,337
1937	Below Normal	11,646	9,186	14,272	13,668	33,308	36,107	20,869	13,641	16,918	18,940	14,346	10,788
1938	Wet	9,513	24,999	58,740	29,172	69,836	72,336	54,549	52,679	34,311	15,320	15,409	28,581
1939	Dry	12,553	13,970	14,856	10,768	11,934	9,608	8,773	9,990	9,723	19,852	12,205	10,696
1940	Above Normal	8,138	7,986	9,354	26,698	53,481	67,585	54,435	14,804	12,661	23,329	16,523	21,679
1941	Wet	10,871	13,756	33,443	62,028	65,240	61,062	49,949	38,463	15,713	17,594	15,373	30,468
1942	Wet	12,461	17,750	40,404	56,869	68,793	22,219	41,927	31,781	24,530	16,719	15,493	30,142
1943	Wet	12,697	19,189	18,660	58,778	47,830	57,404	25,207	15,148	12,158	23,392	15,965	29,646
1944	Dry	12,152	15,945	14,880	15,309	24,564	19,252	9,375	8,947	12,221	18,392	12,800	8,700
1945	Below Normal	7,959	14,721	16,828	13,195	43,518	21,225	11,687	12,021	11,485	19,922	16,092	14,272
1946	Below Normal	12,766	14,172	50,327	45,224	16,578	16,554	13,927	12,990	11,823	21,029	16,886	14,090
1947	Dry	12,118	10,722	14,990	11,605	17,729	19,991	12,472	9,461	13,301	19,994	13,535	15,198
1948	Below Normal	10,188	11,110	9,658	14,991	10,349	16,247	23,464	27,653	20,592	20,975	17,392	15,438
1949	Dry	10,979	10,091	13,735	11,249	12,965	39,924	12,724	12,264	12,639	20,155	14,835	16,022
1950	Below Normal	8,353	9,538	10,016	19,567	34,223	20,168	18,686	14,436	13,666	20,809	16,354	14,953
1951	Above Normal	13,167	45,198	74,839	55,302	59,040	27,906	14,162	16,376	12,736	23,876	17,053	22,292
1952	Wet	12,233	17,626	35,733	58,621	58,561	52,951	53,597	58,676	35,886	17,643	15,882	27,791
1953	Wet	14,256	18,691	30,628	63,327	23,457	20,935	16,475	22,962	24,605	22,624	17,002	29,985
1954	Above Normal	11,703	19,432	12,329	24,632	45,205	44,306	38,864	12,141	14,408	24,383	17,213	23,074
1955	Dry	11,624	17,079	22,508	18,642	12,923	10,481	10,861	11,122	10,107	19,720	12,739	10,090
1956	Wet	8,899	11,360	50,257	75,204	59,531	34,080	18,165	39,033	20,347	17,511	15,575	30,366
1957	Above Normal	13,371	18,754	15,091	13,585	16,618	39,439	11,814	18,359	11,418	24,531	17,369	22,171
1958	Wet	15,389	16,900	22,771	36,849	69,408	68,228	67,601	41,751	29,551	17,397	16,627	27,449
1959	Below Normal	14,632	18,699	15,423	22,183	41,083	15,545	10,027	10,243	13,585	23,819	17,474	14,327
1960	Dry	9,908	9,067	9,068	13,298	27,055	19,066	11,977	10,980	13,606	19,856	14,558	15,335
1961	Dry	8,352	13,158	18,377	13,209	33,750	17,853	10,400	10,431	11,242	20,702	12,376	10,775
1962	Below Normal	8,176	10,246	16,666	10,606	44,170	21,895	12,997	13,347	11,618	23,015	17,543	14,919
1963	Wet	33,352	16,009	27,927	16,236	61,333	25,255	64,574	26,077	14,539	24,246	16,762	30,344
1964	Dry	12,615	22,107	12,796	22,627	13,061	10,791	9,863	10,721	10,746	19,849	12,141	13,910
1965	Wet	8,332	15,659	44,965	70,922	32,659	19,871	40,456	17,396	14,940	21,423	14,865	29,397
1966	Below Normal	12,898	21,022	13,418	24,843	22,806	20,319	13,716	10,403	12,617	23,048	17,157	15,475
1967	Wet	10,819	15,443	34,778	36,722	46,502	46,500	34,694	42,783	37,846	14,305	15,065	29,824
1968	Below Normal	13,403	17,316	15,410	23,222	48,912	32,267	10,390	11,166	12,590	23,904	16,535	14,202
1969	Wet	10,129	12,121	22,199	64,500	69,184	42,968	39,773	44,976	22,171	14,201	14,472	29,342
1970	Wet	12,319	15,114	41,373	77,161	62,430	33,546	10,867	12,666	12,950	24,903	16,774	27,864
1971	Wet	13,439	20,041	46,541	46,297	22,273	37,936	22,550	27,488	20,936	22,393	17,259	29,762
1972	Below Normal	13,758	16,330	15,657	15,997	16,546	28,011	11,585	10,955	12,707	23,866	17,007	15,362
1973	Above Normal	10,702	19,406	25,344	57,679	64,105	46,919	14,931	16,535	15,813	22,501	15,508	20,859
1974	Wet	11,474	47,974	58,854	72,471	39,317	68,092	56,233	20,455	19,260	19,966	16,708	29,453
1975	Wet	14,090	18,762	14,844	13,514	48,145	59,044	20,150	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,477	19,002	15,489	11,471	12,426	14,110	9,835	6,697	8,121	15,956	9,461	11,212
1977	Critical	9,623	7,887	8,150	9,704	10,986	8,062	8,540	5,522	8,175	8,796	9,913	5,994
1978	Above Normal	6,051	6,462	15,585	48,321	44,086	54,912	34,108	17,800	15,476	19,982	16,263	21,381
1979	Below Normal	12,516	16,475	13,316	21,682	28,796	24,755	13,706	14,103	14,800	20,636	15,910	13,016
1980	Above Normal	11,826	13,528	20,149	67,684	67,500	43,295	16,812	13,906	12,479	16,014	15,222	20,004
1981	Dry	11,226	14,179	15,432	20,906	24,480	20,536	12,997	9,438	13,626	20,102	15,714	12,329
1982	Wet	9,771	33,216	68,705	59,042	66,881	61,267	72,159	31,322	20,576	14,705	13,246	23,678
1983	Wet	18,175	36,222	57,783	57,411	74,202	81,646	57,030	54,066	51,096	22,908	20,022	25,580
1984	Wet	18,450	54,756	76,377	47,268	33,678	33,967	13,084	11,872	13,920	23,827	16,065	26,847
1985	Dry	11,534	25,133	21,404	13,888	15,039	13,072	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,147	22,420	77,014	70,806	18,192	12,247	12,485	21,064	15,457	23,855
1987	Dry	11,490	12,621	14,716	13,807	19,566	22,861	9,275	10,701	13,502	13,291	8,655	8,566
1988	Critical	7,753	7,725	18,031	25,416	13,668	7,491	11,162	9,310	10,830	15,067	10,023	6,502
1989	Dry	6,471	9,874	10,266	12,392	9,011	45,580	21,515	13,744	13,855	19,926	12,774	14,227
1990	Critical	10,124	9,012	12,039	18,885	13,697	12,010	11,158	7,830	8,133	17,888	9,367	7,867
1991	Critical	6,210	6,319	7,402	7,639	9,407	29,194	11,765	7,090	9,689	16,619	9,082	6,633
1992	Critical	6,534	6,620	7,008	10,734	28,447	18,641	11,101	9,196	13,702	11,884	10,358	6,969
1993	Above Normal	7,798	6,569	13,604	46,739	48,112	38,919	37,583	27,952	25,568	19,714	16,527	22,968
1994	Critical	12,975	14,371	15,122	13,084	21,928	11,360	11,968	9,394	8,386	19,573	13,674	10,025
1995	Wet	7,647	8,196	15,679	63,234	49,141	77,552	50,477	58,339	37,623	16,673	17,473	23,889
1996	Wet	14,950	15,178	23,168	42,509	71,994	57,379	33,112	40,961	14,995	21,765	15,849	31,448
1997	Wet	11,616	17,575	50,307	78,291	51,915	22,184	16,270	12,060	12,608	24,526	16,166	29,129
1998	Wet	12,017	17,636	18,888	27,527	68,082	60,623	45,541	43,093	61,226	22,769	19,757	26,147
1999	Wet	16,185	26,910	34,939	38,605	60,760	54,741	23,000	18,331	16,642	22,020	16,118	26,211
2000	Above Normal	11,430	18,407	14,459	21,524	62,001	48,471	18,096	15,789	12,380	22,358	16,955	22,307
2001	Dry	9,566	14,043	14,453	16,597	23,949	22,218	11,431	9,145	13,467	17,504	9,227	9,448
2002	Dry	7,364	10,127	28,720	43,392	18,182	19,208	16,012	11,896	10,764	20,240	13,566	14,124
2003	Above Normal	7,944	9,606	36,450	56,400	25,078	22,347	24,563	40,509	14,680	23,894	17,293	22,982

Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 1 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	5	-1	0	20	1	-8	1	1	0	-11	0
1924	Critical	-12	0	0	0	-1	0	0	-8	0	2	0	2
1925	Dry	0	-7	-5	-4	-1	-4	-3	0	0	-2	10	3
1926	Dry	3	3	-3	-3	-10	-1	-2	0	0	0	-3	-30
1927	Wet	0	-5	-4	-3	-3	-2	-2	-2	0	0	0	0
1928	Above Normal	0	-2	-2	-2	-3	-7	-2	0	0	-1	0	0
1929	Critical	0	-3	-4	-2	-2	-2	0	0	0	0	0	0
1930	Dry	0	0	-4	-3	-3	-1	0	0	0	-2	-1	1
1931	Critical	0	0	-2	-2	-2	-2	0	0	0	-9	-1	0
1932	Dry	0	-8	-7	-5	-4	26	0	0	0	-1	4	0
1933	Critical	0	0	-7	-5	-5	-4	0	0	0	-12	-3	0
1934	Critical	0	0	-5	-4	-4	-7	0	1	0	-1	-108	0
1935	Below Normal	-3	-6	-5	-4	-4	-4	-3	0	0	0	1	2
1936	Below Normal	-43	0	-81	-3	101	-4	-3	0	0	-1	0	0
1937	Below Normal	-1	0	4	-3	-2	-3	-3	0	73	-6	0	-1
1938	Wet	-82	-42	-1	-4	0	0	-1	-2	0	0	1	-1
1939	Dry	-8	179	158	-13	-9	4	606	3	20	29	-179	-672
1940	Above Normal	0	-13	-54	25	107	2	-4	0	0	-25	-1	119
1941	Wet	5	226	498	21	-1	1	0	0	0	0	0	-2
1942	Wet	70	288	-73	2	0	0	-1	-1	0	0	0	0
1943	Wet	-1	-28	5	-3	-1	0	1	5	1	14	-1	116
1944	Dry	-208	135	1	-4	-2	-2	0	0	0	-77	80	12
1945	Below Normal	0	2	2	2	-4	-1	1	1	0	1	1	0
1946	Below Normal	-28	100	-2	3	0	-1	0	-108	177	-107	44	198
1947	Dry	-54	0	-3	0	-49	-146	4	5	0	0	67	-7
1948	Below Normal	-90	0	-1	-1	21	-1	0	1	-23	-4	1	0
1949	Dry	2	-38	-1	-1	-1	-2	0	0	0	0	-10	0
1950	Below Normal	0	0	0	-5	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-22	0	0	0	-1	0	0	0	-1	0	36
1952	Wet	0	2	5	0	-17	4	0	4	9	11	0	-19
1953	Wet	-22	1,911	-1,352	-340	11	-3	0	3	-7	6	5	5
1954	Above Normal	-56	-71	295	112	30	-277	1	-3	-7	-5	0	0
1955	Dry	-45	25	-1	0	31	-1	0	0	2	3	-2	270
1956	Wet	-194	1	-10	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	-2	-2	-8	0	-2	0	0	0	0
1958	Wet	-2	-3	-2	-2	0	0	0	-1	-1	2	-1	-54
1959	Below Normal	31	1,481	0	7	-310	-9	1	0	0	-6	0	102
1960	Dry	22	-24	-2	-2	-2	-2	2	1	0	0	1	-7
1961	Dry	-14	1	-91	3	-2	0	0	0	0	0	-15	-1
1962	Below Normal	7	0	-16	0	9	0	0	0	0	2	0	0
1963	Wet	-4	-3	-2	-2	1	-1	0	-1	0	0	0	0
1964	Dry	1	-8	-1	0	-1	-1	1	0	0	0	1	2
1965	Wet	-6	-1	-2	0	-1	1	5	0	0	1	1	2
1966	Below Normal	1	-77	1	-2	-1	108	21	0	0	8	0	-7
1967	Wet	0	-5	-17	0	-1	0	-1	-1	-1	0	0	266
1968	Below Normal	-3	1,792	0	-92	-1,292	32	0	0	0	-3	0	0
1969	Wet	11	-2	-1	-6	0	-1	-1	-1	0	532	500	-5
1970	Wet	68	-70	-72	0	0	-1	0	0	2	-1	-1	414
1971	Wet	-4	-32	-62	0	-1	-223	1	0	-1	-11	-1	0
1972	Below Normal	0	8	-2	-1	-1	-2	0	0	0	0	0	3
1973	Above Normal	0	-6	-1	0	-1	0	-1	0	0	-6	0	367
1974	Wet	0	-162	0	0	-1	0	0	-1	0	1	-1	0
1975	Wet	-2	-115	0	-2	23	23	-2	0	0	0	0	0
1976	Critical	-1	28	0	-1	0	0	0	0	0	-17	15	-2
1977	Critical	0	-2	-2	5	-6	0	0	-2	-3	-1	-45	0
1978	Above Normal	0	0	-2	-1	-3	1	-1	-2	3	3	5	45
1979	Below Normal	41	2,721	-1,584	59	-574	17	45	1	-3	-216	-10	-1
1980	Above Normal	-576	-1,265	35	543	-4	-8	-2	-3	-2	-20	-20	-298
1981	Dry	-9	-99	0	0	4	530	-2	2	10	10	166	139
1982	Wet	64	-348	108	-1	1	0	0	0	0	3	0	0
1983	Wet	-9	1	0	0	0	0	0	-1	-1	-1	-1	-1
1984	Wet	-1	0	0	0	0	-2	-1	0	0	-1	0	0
1985	Dry	0	-3	0	-1	-1	0	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	0	0	-1	0	0	0	0	0
1987	Dry	0	121	-5	2	0	0	1	0	0	50	146	-9
1988	Critical	0	0	0	-1	0	0	0	0	1	-60	-2	1
1989	Dry	0	-7	-7	-7	-1	7	0	-1	0	-1	-82	-120
1990	Critical	10	-1	2	-1	-1	-1	0	0	1	1	-734	1,067
1991	Critical	0	0	24	17	14	13	13	13	0	8	24	-3
1992	Critical	0	0	-6	-4	-3	-3	0	0	-1	-56	-9	-26
1993	Above Normal	-10	0	-3	0	-2	8	5	-92	20	0	0	0
1994	Critical	0	-30	95	-5	-2	-1	0	0	1	-1	-29	4
1995	Wet	9	-2	-6	-15	-13	0	-2	-1	-2	-155	7	1
1996	Wet	-3	2,362	-377	-138	-233	13	-7	-3	0	1	1	0
1997	Wet	-186	9	76	0	-1	-2	0	0	-163	0	0	0
1998	Wet	15	-17	1	5	13	0	-1	-1	-1	-1	-1	-1
1999	Wet	-1	-2	-2	-1	0	-1	-1	-1	2	-11	0	2
2000	Above Normal	8	7	5	-5	-3	0	-1	-1	0	-2	1	0
2001	Dry	-5	-2	-70	-3	-1	-1	0	0	0	83	-23	1
2002	Dry	0	-2	-2	-2	-2	-1	0	0	0	0	-53	101
2003	Above Normal	0	0	-31	-14	-1	-1	-1	-1	0	2	0	-3

Percent Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	1%	1%	0%	0%	0%	7%	0%	0%	0%	-1%	-6%
1940	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1941	Wet	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	-1%	2%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1956	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	12%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%
1970	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	20%	-11%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%
1980	Above Normal	-5%	-9%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1981	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	16%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	18%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

X2 Position (Node X2_PRV)
Future No Action (km)
SAC

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	85	75	71	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	81	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	91	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	50	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	91	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	70	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	56	69	84	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	51	58	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	52	50	53	60	69	78	84	81
1979	Below Normal	81	81	83	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	85	79	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	87	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	90	92
1991	Critical	93	94	93	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	62	74	74
1996	Wet	74	75	69	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	61	70	70
1999	Wet	74	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

X2 Position (Node X2_PRV)
Alternative 1 (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	85	75	71	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	80	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	92	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	51	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	90	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	71	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	57	70	85	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	52	59	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	53	50	53	61	69	78	84	81
1979	Below Normal	81	81	84	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	87	81	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	88	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	89	91
1991	Critical	93	94	92	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	63	75	74
1996	Wet	74	75	70	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	62	71	70
1999	Wet	73	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

Change in X2 Position (Node X2_PRV)
Alternative 1 - Future No Action (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	0	0	1	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	1	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	1	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	1	1	0	0	0
1979	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Above Normal	0	3	2	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	n/a

Percent Change in X2 Position (Node X2_PRV)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1968	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1979	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	n/a

CalSim II Modeling Attachment: Alternative Plan 2, Future Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,266	790	1,165	350	350	350	350	467	350	432	420
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	120
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	810
1936	Above Normal	1,127	2,963	350	350	350	350	350	350	467	350	350	1,283
1937	Wet	2,546	4,653	1,732	1,436	350	350	350	350	467	396	525	2,309
1938	Wet	4,163	8,000	7,726	5,073	1,223	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	1,878
1941	Wet	1,237	3,249	2,919	2,000	350	350	350	350	467	350	423	510
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	1,095	653
1943	Wet	2,804	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	1,997
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	419	516	364
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	351
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	3,217	1,240	745
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	415
1952	Wet	2,409	4,585	3,270	3,518	350	350	350	350	467	350	387	367
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	2,209	4,271	743
1956	Wet	1,062	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	4,451	3,187	2,810	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	437
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	521	899
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	415	375
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	497
1967	Wet	1,016	4,571	2,952	3,259	3,869	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	1,982	3,696
1969	Wet	3,944	8,307	8,193	7,441	1,758	350	350	350	467	350	436	362
1970	Above Normal	1,044	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	829	350	350	350	350	467	350	1,111	411
1974	Wet	1,069	3,249	605	813	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	2,422
1978	Wet	2,396	4,687	4,483	4,671	1,726	350	350	350	467	350	432	385
1979	Above Normal	1,218	2,908	350	350	350	350	350	350	467	350	2,557	3,692
1980	Wet	2,014	3,249	2,207	2,472	413	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	653
1982	Wet	1,085	5,642	4,746	3,119	350	350	350	1,317	1,640	3,444	3,668	3,697
1983	Wet	5,411	8,381	7,457	8,542	5,367	350	350	350	923	3,125	900	371
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	4,293
1986	Wet	4,374	3,269	2,000	2,430	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	359
1993	Wet	1,143	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	365	752
1995	Wet	3,488	5,007	4,976	3,448	6,421	350	350	350	467	350	350	350
1996	Wet	2,394	3,249	614	614	350	350	350	350	467	1,755	10,325	2,293
1997	Wet	1,072	3,249	2,000	2,000	350	350	350	350	467	350	350	1,697
1998	Wet	1,682	4,452	3,025	5,009	5,120	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,049	3,283	840	978	557	499	513	590	766	582	366	387
1923	Above Normal	1,049	2,528	400	538	557	499	513	590	766	582	516	385
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,025	1,996	363	401	406	391	394	415	548	413	395	360
1926	Dry	1,017	1,361	351	354	354	353	353	355	473	355	353	351
1927	Above Normal	1,049	3,283	430	568	557	499	513	590	766	582	516	385
1928	Below Normal	1,034	1,361	377	452	462	431	438	480	629	476	440	370
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,049	3,283	484	622	557	499	513	590	766	551	516	387
1933	Dry	1,017	1,248	351	355	355	354	354	356	475	356	354	351
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,049	3,162	400	538	557	499	513	590	766	582	516	385
1936	Above Normal	1,049	2,997	400	538	557	499	513	590	766	582	350	350
1937	Wet	1,049	3,249	645	808	557	499	513	590	766	350	350	350
1938	Wet	2,365	4,615	5,112	3,805	1,158	499	513	590	766	582	516	387
1939	Dry	1,049	836	400	538	557	499	513	590	766	582	516	385
1940	Above Normal	1,049	3,061	400	538	557	499	513	590	766	440	350	363
1941	Wet	1,049	3,283	2,050	2,188	557	499	513	590	766	444	350	387
1942	Wet	1,049	3,283	723	861	557	499	513	590	766	582	350	387
1943	Wet	1,049	3,283	491	629	557	499	513	590	766	582	516	385
1944	Below Normal	1,031	1,610	373	436	444	418	424	459	603	455	425	367
1945	Above Normal	1,049	3,283	589	727	557	499	513	590	766	582	516	387
1946	Above Normal	1,049	2,705	400	538	557	499	513	590	766	582	516	387
1947	Dry	1,025	1,288	363	401	406	391	394	415	548	413	395	360
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	351	351	351	351	352	469	352	351	350
1950	Below Normal	1,021	1,702	357	376	378	371	372	383	508	350	350	355
1951	Above Normal	1,049	3,010	400	538	557	499	513	590	766	582	516	374
1952	Wet	1,049	3,283	2,000	2,017	557	499	513	590	766	582	516	387
1953	Below Normal	1,046	1,539	395	522	539	486	499	569	740	562	501	383
1954	Below Normal	1,017	1,706	351	354	355	354	354	356	474	355	354	351
1955	Dry	1,017	1,360	351	353	354	353	353	354	473	354	353	350
1956	Wet	1,016	3,283	2,050	2,188	557	499	513	590	766	582	516	387
1957	Below Normal	1,049	1,768	400	538	557	499	513	590	766	582	516	387
1958	Wet	1,049	3,283	2,050	2,188	557	499	513	590	766	582	516	387
1959	Dry	1,017	881	351	355	356	354	354	356	475	356	354	351
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,049	3,163	400	538	557	499	513	590	766	582	516	387
1963	Above Normal	1,049	3,212	400	538	557	499	513	590	766	582	516	385
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,049	3,283	744	882	557	499	513	590	766	582	516	387
1966	Below Normal	1,041	1,696	388	494	509	465	475	534	696	528	477	378
1967	Wet	1,049	3,283	2,000	2,000	557	499	513	590	508	582	516	385
1968	Dry	1,045	613	394	517	534	482	494	563	732	555	350	350
1969	Wet	2,239	4,688	4,740	6,183	1,683	499	513	590	766	582	350	350
1970	Above Normal	1,049	2,037	400	538	557	499	513	590	766	582	516	387
1971	Below Normal	1,035	1,959	379	461	472	438	446	491	643	486	448	371
1972	Dry	1,016	1,083	350	351	351	351	351	351	469	351	351	350
1973	Above Normal	1,049	3,283	483	621	557	499	513	590	766	582	516	387
1974	Wet	1,049	3,283	650	788	557	499	513	590	766	582	516	387
1975	Wet	1,049	2,861	400	538	557	499	513	590	766	582	516	385
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,188	557	499	513	590	766	582	516	387
1979	Above Normal	1,049	2,942	400	538	557	499	513	590	766	582	350	350
1980	Wet	1,016	3,249	2,050	2,188	557	499	513	590	766	582	516	387
1981	Dry	1,049	1,183	400	538	557	499	513	590	766	582	516	387
1982	Wet	1,049	3,249	2,000	2,188	557	499	513	590	467	364	3,479	3,668
1983	Wet	4,557	7,651	7,802	8,550	5,281	499	513	350	883	3,100	875	385
1984	Above Normal	1,049	3,283	485	623	557	499	513	590	766	582	516	387
1985	Dry	1,039	1,310	384	479	492	452	461	514	672	509	463	375
1986	Wet	1,016	3,249	2,000	2,188	557	499	513	590	766	582	516	387
1987	Critical	1,017	351	336	339	344	342	354	356	367	355	354	351
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,049	3,283	2,050	2,188	557	499	513	590	766	582	516	387
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,049	3,249	2,000	2,188	4,541	499	513	590	766	525	516	385
1996	Wet	1,049	3,283	664	802	557	499	513	590	766	523	4,521	1,093
1997	Wet	1,081	3,283	2,050	2,188	557	499	513	590	766	582	516	387
1998	Wet	1,049	3,249	2,000	2,000	1,306	499	513	590	766	440	516	387
1999	Above Normal	1,049	2,228	400	538	557	499	513	590	766	582	516	385
2000	Above Normal	1,049	2,735	400	538	557	499	513	590	766	582	516	387
2001	Dry	1,017	1,143	351	354	355	353	354	355	474	355	354	351
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,028	2,025	367	416	423	403	407	n/a	n/a	n/a	n/a	n/a

Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	33	18	50	-187	207	149	163	240	299	232	-66	-34
1923	Above Normal	33	34	50	188	207	149	163	240	299	232	166	35
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	9	9	13	51	56	41	44	65	81	63	45	10
1926	Dry	1	1	1	4	4	3	3	5	6	5	3	1
1927	Above Normal	33	34	50	188	207	149	163	240	299	232	166	35
1928	Below Normal	18	18	27	102	112	81	88	130	162	126	90	20
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-10
1932	Above Normal	33	34	50	188	207	149	163	240	299	201	166	37
1933	Dry	1	1	1	5	5	4	4	6	8	6	4	1
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	33	34	50	188	207	149	163	240	299	232	166	-425
1936	Above Normal	-78	34	50	188	207	149	163	240	299	232	0	-933
1937	Wet	-1,497	-1,403	-1,087	-628	207	149	163	240	299	-46	-175	-1,959
1938	Wet	-1,797	-3,385	-2,614	-1,267	-66	149	163	240	299	232	166	37
1939	Dry	33	34	50	188	207	149	163	240	299	232	166	35
1940	Above Normal	33	34	50	188	207	149	163	240	299	90	0	-1,515
1941	Wet	-188	34	-870	188	207	149	163	240	299	94	-73	-123
1942	Wet	33	34	50	188	207	149	163	240	299	232	-745	-266
1943	Wet	-1,755	34	50	188	207	149	163	240	299	232	166	35
1944	Below Normal	15	16	23	86	94	68	74	109	136	105	75	-1,630
1945	Above Normal	33	34	50	188	207	149	163	240	299	163	0	22
1946	Above Normal	33	34	50	188	207	149	163	240	299	232	166	35
1947	Dry	9	9	13	51	56	41	44	65	81	63	45	10
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	1	1	1	1	2	2	2	1	0
1950	Below Normal	5	5	7	26	28	21	22	33	41	-2,867	-890	-390
1951	Above Normal	33	34	50	188	207	149	163	240	299	232	166	-41
1952	Wet	-1,360	-1,302	-1,270	-1,501	207	149	163	240	299	232	129	20
1953	Below Normal	30	31	45	172	189	136	149	219	273	212	151	33
1954	Below Normal	1	1	1	4	5	4	4	6	7	5	4	1
1955	Dry	1	1	1	3	4	3	3	4	6	-1,854	-3,918	-393
1956	Wet	-46	34	50	188	207	149	163	240	299	232	166	37
1957	Below Normal	33	34	50	188	207	149	163	240	299	232	166	37
1958	Wet	33	-1,168	-1,138	-621	207	149	163	240	299	232	166	37
1959	Dry	1	1	1	5	6	4	4	6	8	6	4	1
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	33	34	50	188	207	149	163	240	299	232	166	-51
1963	Above Normal	33	34	50	188	207	149	163	240	299	232	166	35
1964	Dry	0	0	0	0	0	0	0	0	0	0	-171	-549
1965	Wet	33	34	50	188	207	149	163	240	299	232	101	12
1966	Below Normal	25	26	38	144	159	115	125	184	229	178	127	-119
1967	Wet	33	-1,288	-952	-1,259	-3,311	149	163	240	41	232	166	35
1968	Dry	29	30	44	167	184	132	144	213	265	205	-1,632	-3,346
1969	Wet	-1,705	-3,619	-3,453	-1,257	-75	149	163	240	299	232	-86	-12
1970	Above Normal	5	34	50	188	207	149	163	240	299	232	166	37
1971	Below Normal	19	20	29	111	122	88	96	141	176	136	98	21
1972	Dry	0	0	0	1	1	1	1	1	2	1	1	0
1973	Above Normal	33	34	50	-208	207	149	163	240	299	232	-595	-24
1974	Wet	-20	34	44	-25	207	149	163	240	299	232	166	37
1975	Wet	33	34	50	188	207	149	163	240	299	232	166	35
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2,322
1978	Wet	-1,380	-1,438	-2,483	-2,483	-1,169	149	163	240	299	232	84	1
1979	Above Normal	-169	34	50	188	207	149	163	240	299	232	-2,207	-3,342
1980	Wet	-998	0	-157	-284	144	149	163	240	299	232	166	37
1981	Dry	33	34	50	188	207	149	163	240	299	232	166	-267
1982	Wet	-36	-2,393	-2,746	-930	207	149	163	-727	-1,173	-3,080	-189	-29
1983	Wet	-854	-730	346	7	-86	149	163	0	-40	-25	-25	14
1984	Above Normal	33	34	50	188	207	149	163	240	299	232	166	37
1985	Dry	23	23	34	129	142	102	111	164	205	159	113	-3,918
1986	Wet	-3,358	-20	0	-242	207	149	163	240	299	232	166	37
1987	Critical	1	1	1	4	5	3	4	6	7	5	4	1
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-9
1993	Wet	-94	34	50	188	207	149	163	240	299	232	166	37
1994	Critical	0	0	0	0	0	0	0	0	0	0	-15	-402
1995	Wet	-2,439	-1,758	-2,976	-1,260	-1,881	149	163	240	299	175	166	35
1996	Wet	-1,345	34	50	188	207	149	163	240	299	-1,232	-5,805	-1,201
1997	Wet	9	34	50	188	207	149	163	240	299	232	166	-1,311
1998	Wet	-633	-1,202	-1,025	-3,009	-3,814	149	163	240	299	90	166	37
1999	Above Normal	33	34	50	188	207	149	163	240	299	232	166	35
2000	Above Normal	33	34	50	188	207	149	163	240	299	232	166	37
2001	Dry	1	1	1	4	5	3	4	5	7	5	4	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	12	12	17	66	73	53	57	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	3%	1%	6%	-16%	59%	43%	47%	69%	64%	66%	-15%	-8%
1923	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	1%	0%	4%	15%	16%	12%	13%	19%	17%	18%	13%	3%
1926	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	0%
1927	Above Normal	3%	1%	13%	50%	59%	43%	47%	69%	64%	66%	47%	10%
1928	Below Normal	2%	1%	8%	29%	32%	23%	25%	37%	35%	36%	26%	6%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%
1932	Above Normal	3%	1%	11%	43%	59%	43%	47%	69%	64%	57%	47%	10%
1933	Dry	0%	0%	0%	1%	2%	1%	1%	2%	2%	2%	1%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	-52%
1936	Above Normal	-7%	1%	14%	54%	59%	43%	47%	69%	64%	66%	0%	-73%
1937	Wet	-59%	-30%	-63%	-44%	59%	43%	47%	69%	64%	-12%	-33%	-85%
1938	Wet	-43%	-42%	-34%	-25%	-5%	43%	47%	69%	64%	66%	47%	10%
1939	Dry	3%	4%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1940	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	26%	0%	-81%
1941	Wet	-15%	1%	-30%	9%	59%	43%	47%	69%	64%	27%	-17%	-24%
1942	Wet	3%	1%	7%	28%	59%	43%	47%	69%	64%	66%	-68%	-41%
1943	Wet	-63%	1%	11%	43%	59%	43%	47%	69%	64%	66%	47%	10%
1944	Below Normal	1%	1%	6%	24%	27%	19%	21%	31%	29%	30%	22%	-82%
1945	Above Normal	3%	1%	9%	35%	59%	43%	47%	69%	64%	39%	0%	6%
1946	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1947	Dry	1%	1%	4%	15%	16%	12%	13%	19%	17%	18%	13%	3%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	2%	7%	8%	6%	6%	9%	9%	-89%	-72%	-52%
1951	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	-10%
1952	Wet	-56%	-28%	-39%	-43%	59%	43%	47%	69%	64%	66%	33%	5%
1953	Below Normal	3%	2%	13%	49%	54%	39%	42%	63%	59%	61%	43%	10%
1954	Below Normal	0%	0%	0%	1%	1%	1%	1%	2%	2%	2%	1%	0%
1955	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	-84%	-92%	-53%
1956	Wet	-4%	1%	2%	9%	59%	43%	47%	69%	64%	66%	47%	10%
1957	Below Normal	3%	2%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1958	Wet	3%	-26%	-36%	-22%	59%	43%	47%	69%	64%	66%	47%	10%
1959	Dry	0%	0%	0%	1%	2%	1%	1%	2%	2%	2%	1%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	-12%
1963	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	-61%
1965	Wet	3%	1%	7%	27%	59%	43%	47%	69%	64%	66%	24%	3%
1966	Below Normal	2%	2%	11%	41%	45%	33%	36%	53%	49%	51%	36%	-24%
1967	Wet	3%	-28%	-32%	-39%	-86%	43%	47%	69%	9%	66%	47%	10%
1968	Dry	3%	5%	13%	48%	52%	38%	41%	61%	57%	59%	-82%	-91%
1969	Wet	-43%	-44%	-42%	-17%	-4%	43%	47%	69%	64%	66%	-20%	-3%
1970	Above Normal	1%	2%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1971	Below Normal	2%	1%	8%	32%	35%	25%	27%	40%	38%	39%	28%	6%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	3%	1%	11%	-25%	59%	43%	47%	69%	64%	66%	-54%	-6%
1974	Wet	-2%	1%	7%	-3%	59%	43%	47%	69%	64%	66%	47%	10%
1975	Wet	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-96%
1978	Wet	-58%	-31%	-55%	-53%	-68%	43%	47%	69%	64%	66%	20%	0%
1979	Above Normal	-14%	1%	14%	54%	59%	43%	47%	69%	64%	66%	-86%	-91%
1980	Wet	-50%	0%	-7%	-11%	35%	43%	47%	69%	64%	66%	47%	10%
1981	Dry	3%	3%	14%	54%	59%	43%	47%	69%	64%	66%	47%	-41%
1982	Wet	-3%	-42%	-58%	-30%	59%	43%	47%	-55%	-72%	-89%	-5%	-1%
1983	Wet	-16%	-9%	5%	0%	-2%	43%	47%	0%	-4%	-1%	-3%	4%
1984	Above Normal	3%	1%	11%	43%	59%	43%	47%	69%	64%	66%	47%	10%
1985	Dry	2%	2%	10%	37%	40%	29%	32%	47%	44%	45%	32%	-91%
1986	Wet	-77%	-1%	0%	-10%	59%	43%	47%	69%	64%	66%	47%	10%
1987	Critical	0%	0%	0%	1%	1%	1%	1%	2%	2%	2%	1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Wet	-8%	1%	2%	9%	59%	43%	47%	69%	64%	66%	47%	10%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	-53%
1995	Wet	-70%	-35%	-60%	-37%	-29%	43%	47%	69%	64%	50%	47%	10%
1996	Wet	-56%	1%	8%	31%	59%	43%	47%	69%	64%	-70%	-56%	-52%
1997	Wet	1%	1%	2%	9%	59%	43%	47%	69%	64%	66%	47%	-77%
1998	Wet	-38%	-27%	-34%	-60%	-74%	43%	47%	69%	64%	26%	47%	10%
1999	Above Normal	3%	2%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
2000	Above Normal	3%	1%	14%	54%	59%	43%	47%	69%	64%	66%	47%	10%
2001	Dry	0%	0%	0%	1%	1%	1%	1%	2%	1%	1%	1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	1%	1%	5%	19%	21%	15%	16%	n/a	n/a	n/a	n/a	n/a

Simulated Merced River Inflow to San Joaquin River (Node C566)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	47	37	95
1931	Critical	276	385	372	382	408	296	131	100	105	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,506	241	149	519	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	464	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,441	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	282	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	570	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	75	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	75	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	56	10
1992	Critical	272	289	297	291	352	298	203	143	146	99	81	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	51	37	95
1931	Critical	276	385	372	382	408	296	131	100	108	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,505	241	149	520	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	463	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,440	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	283	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	569	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	79	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	76	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	60	10
1992	Critical	272	289	297	291	352	298	203	143	146	102	84	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1931	Critical	0	0	0	0	0	0	0	0	3	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	1	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	1	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	4	0
1992	Critical	0	0	0	0	0	0	0	0	0	3	4	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	5%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,880	3,099	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,530	2,173	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,040	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,405	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,989	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,935	4,272	5,182	4,021	1,218	701	871	922
1938	Wet	667	1,293	3,806	3,052	13,217	16,013	11,079	13,008	9,495	2,492	1,269	1,098
1939	Dry	1,129	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,307	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	8,353	4,858	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	968	1,331	2,286	2,617	3,270	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	4,657	3,334	8,267	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	6,284	3,309	3,683	1,343	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	7,344	4,036	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,846	2,608	6,084	5,472	7,780	6,131	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,104	817	380	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	5,613	10,132	4,979	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,796	5,654	4,595	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,042	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,515	1,485	1,647	4,411	1,486	983	1,300	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	9,472	7,207	7,298	6,063	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	7,133	16,211	10,932	13,963	16,023	13,339	3,068	1,312	1,206
1970	Above Normal	1,108	1,251	1,017	5,487	2,378	2,751	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	3,045	1,714	2,986	4,137	2,598	956	913	1,102	1,048
1975	Wet	910	1,144	950	789	3,412	3,187	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,172	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	5,873	6,183	9,244	6,704	6,772	2,700	1,353	1,890
1979	Above Normal	706	1,294	965	2,495	3,656	3,882	3,482	1,745	500	278	874	902
1980	Wet	943	1,069	916	8,391	11,822	7,805	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,172	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,821	14,763	9,584	3,755	2,354	1,466	1,740
1983	Wet	1,666	5,161	11,180	14,179	17,603	22,576	14,744	13,742	17,787	11,028	2,542	1,674
1984	Above Normal	1,903	5,420	9,997	5,988	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	11,528	13,205	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,178	2,490	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,515	2,015	10,379	7,640	10,024	7,234	9,188	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,683	4,036	2,451	671	511	979	957
1997	Wet	861	2,152	9,139	32,086	8,783	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	11,880	5,705	9,076	7,257	11,979	9,052	1,556	1,248
1999	Above Normal	986	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,772	3,248	2,887	1,896	372	151	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,884	3,089	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,341	2,131	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,039	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,404	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,862	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,103	4,014	4,058	3,214	1,218	701	871	922
1938	Wet	667	1,293	3,806	2,941	11,394	14,296	7,863	10,525	8,291	2,492	1,269	1,098
1939	Dry	1,238	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,328	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	7,070	4,854	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	1,034	1,331	2,286	2,612	3,109	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	3,930	3,384	6,793	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	5,240	3,309	3,683	1,344	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	4,524	3,269	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,710	2,622	6,015	5,050	6,795	4,963	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,103	818	379	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	4,072	6,488	4,725	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,423	5,654	4,594	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,043	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,503	1,485	1,647	4,411	1,486	983	1,299	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	8,889	6,521	6,356	4,231	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	5,520	13,001	9,313	10,525	12,743	12,144	2,857	1,312	1,206
1970	Above Normal	1,140	1,251	1,017	5,481	2,378	2,702	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	2,628	1,714	2,986	4,137	2,598	955	913	1,102	1,047
1975	Wet	910	1,144	950	789	3,412	3,139	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,170	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	4,120	4,985	7,983	4,568	5,891	2,700	1,352	1,890
1979	Above Normal	706	1,294	965	2,495	3,529	3,712	3,482	1,745	499	277	874	902
1980	Wet	943	1,069	916	6,247	8,053	6,869	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,239	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,663	12,531	7,199	3,755	2,354	1,466	1,740
1983	Wet	1,666	4,140	7,844	13,173	17,541	21,802	14,838	14,070	17,794	11,004	2,542	1,674
1984	Above Normal	1,903	5,380	9,971	5,962	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	8,071	9,878	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,177	2,482	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,514	2,015	8,680	6,167	7,418	7,010	7,271	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,520	4,036	2,450	671	511	979	957
1997	Wet	861	2,105	7,179	25,660	7,537	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	10,311	5,189	8,074	6,495	9,351	5,490	1,556	1,248
1999	Above Normal	1,049	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,541	3,157	2,887	1,896	372	150	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-128	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,823	-1,717	-3,216	-2,483	-1,204	0	0	0
1939	Dry	109	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	21	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	-1,284	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-727	50	-1,474	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-136	14	-69	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-373	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-583	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,210	-1,619	-3,438	-3,280	-1,194	-211	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	-47	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,135	-881	0	0	0
1979	Above Normal	0	0	0	0	-127	-169	0	0	0	-1	0	0
1980	Wet	0	0	0	-2,144	-3,769	-936	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-1,006	-62	-775	94	328	7	-23	0	0
1984	Above Normal	0	-40	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,700	-1,472	-2,605	-225	-1,917	0	0
1996	Wet	0	0	0	0	0	-163	0	0	0	0	0	0
1997	Wet	0	-47	-1,960	-6,426	-1,246	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,569	-516	-1,002	-762	-2,628	-3,561	0	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-7%	-2%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-	-	-100%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	-	0%	-	-	-	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-8%	-6%	-22%	-20%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-4%	-14%	-11%	-29%	-19%	-13%	0%	0%	0%
1939	Dry	10%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	7%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-16%	2%	-18%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-38%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-3%	1%	-1%	-8%	-13%	-19%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-27%	-36%	-5%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-6%	-10%	-13%	-30%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-23%	-20%	-15%	-25%	-20%	-9%	-7%	0%	0%
1970	Above Normal	3%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-55%	-100%	0%
1978	Wet	0%	0%	0%	0%	-30%	-19%	-14%	-32%	-13%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-3%	-4%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-26%	-32%	-12%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-3%	-15%	-25%	0%	0%	0%	0%
1983	Wet	0%	-20%	-30%	-7%	0%	-3%	1%	2%	0%	0%	0%	0%
1984	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-30%	-25%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	87%	-	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	35%	-100%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-16%	-19%	-26%	-3%	-21%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-21%	-20%	-14%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-13%	-9%	-11%	-10%	-22%	-39%	0%	0%
1999	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-4%	-3%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,766	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,765	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,565	3,732	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,470	4,094	2,342	6,391	2,666	1,526	911	1,553	1,809
1924	Critical	1,666	1,672	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,238	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,386	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,931	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,664	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	13,482	8,736	8,692	5,591	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,626	20,292	23,793	16,585	18,515	13,968	6,255	1,935	1,799
1939	Dry	2,120	2,028	1,559	1,536	2,102	3,176	2,781	1,898	686	484	564	1,119
1940	Above Normal	1,184	1,580	1,366	2,741	3,230	5,533	7,543	3,176	1,211	827	1,132	1,504
1941	Wet	1,441	1,644	3,207	3,517	13,328	9,745	9,719	6,656	5,737	4,529	1,867	1,650
1942	Wet	1,775	1,933	2,928	5,741	6,668	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,916	6,554	14,460	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	8,044	7,240	6,029	2,861	1,488	1,755	1,707	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	10,519	7,757	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,693	3,184	9,891	10,148	12,937	10,603	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	715	669	1,011
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,586	2,092	908	579	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	6,054	16,267	9,111	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,966	10,614	9,737	4,635	1,963	1,915
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,182	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,356	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	813	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,232	4,991	4,746	7,626	2,760	1,404	1,907	2,269	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	14,048	11,197	13,847	12,642	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	8,069	21,630	14,824	19,140	22,906	20,936	6,956	1,866	1,808
1970	Above Normal	2,399	2,014	2,083	11,444	4,927	5,814	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,870	3,432	6,779	6,838	4,046	4,328	2,030	1,668	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,837	5,878	3,080	5,556	2,566	1,786	1,630
1976	Critical	2,812	2,011	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	6,423	6,763	10,782	8,209	8,780	3,184	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	7,121	8,145	5,601	7,433	1,043	884	1,583	1,519
1980	Wet	1,669	1,883	1,793	11,284	18,547	11,589	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	1,974	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,406	24,018	16,039	8,664	6,107	2,153	4,169
1983	Wet	4,924	8,272	16,480	19,422	24,291	38,665	19,873	21,715	22,171	17,368	5,492	3,830
1984	Above Normal	2,945	10,865	17,433	10,118	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	13,646	21,223	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	840	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	714	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,660	2,797	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,034	2,169	17,853	12,414	19,605	12,403	17,601	3,620	1,880
1996	Wet	1,547	1,668	1,353	2,047	10,656	8,570	6,919	5,177	3,803	1,371	1,551	1,592
1997	Wet	1,571	2,572	15,392	49,782	12,465	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	18,989	10,768	13,011	12,883	19,040	15,862	2,168	1,880
1999	Above Normal	2,068	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,300	6,957	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	383	484	867

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,570	3,722	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,281	4,052	2,342	6,391	2,666	1,526	910	1,552	1,809
1924	Critical	1,666	1,671	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,237	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,385	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,930	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,536	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	12,650	8,477	7,569	4,784	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,515	18,469	22,077	13,370	16,032	12,764	6,255	1,935	1,799
1939	Dry	2,229	2,028	1,559	1,536	2,102	3,176	2,780	1,897	685	482	562	1,118
1940	Above Normal	1,184	1,580	1,366	2,762	3,229	5,533	7,543	3,176	1,211	828	1,133	1,504
1941	Wet	1,441	1,644	3,207	3,516	12,045	9,741	9,719	6,656	5,737	4,528	1,867	1,650
1942	Wet	1,842	1,933	2,928	5,736	6,507	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,189	6,605	12,987	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	7,001	7,240	6,029	2,860	1,488	1,754	1,706	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	7,699	6,989	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,556	3,198	9,822	9,726	11,952	9,435	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	714	668	1,010
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,587	2,092	908	580	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	4,514	12,623	8,857	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,593	10,613	9,736	4,633	1,961	1,914
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,183	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,357	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	812	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,220	4,991	4,746	7,626	2,760	1,404	1,907	2,268	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	13,465	10,511	12,904	10,810	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	6,456	18,420	13,204	15,702	19,626	19,742	6,745	1,866	1,808
1970	Above Normal	2,432	2,014	2,083	11,438	4,927	5,765	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,453	3,432	6,779	6,838	4,045	4,327	2,029	1,667	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,790	5,878	3,080	5,556	2,566	1,787	1,630
1976	Critical	2,812	2,009	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	4,670	5,565	9,521	6,073	7,898	3,183	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	6,994	7,976	5,600	7,431	1,041	881	1,580	1,518
1980	Wet	1,669	1,883	1,793	9,140	14,778	10,653	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	2,041	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,248	21,785	13,654	8,664	6,107	2,153	4,169
1983	Wet	4,924	7,251	13,144	18,416	24,230	37,890	19,967	22,043	22,179	17,344	5,492	3,830
1984	Above Normal	2,945	10,824	17,408	10,092	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	10,189	17,897	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	839	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	713	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,659	2,788	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,033	2,169	16,153	10,941	16,999	12,177	15,681	3,618	1,879
1996	Wet	1,547	1,668	1,352	2,046	10,655	8,407	6,918	5,176	3,802	1,369	1,550	1,592
1997	Wet	1,571	2,525	13,432	43,356	11,219	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	17,421	10,252	12,008	12,121	16,412	12,300	2,168	1,880
1999	Above Normal	2,131	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,069	6,866	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	382	484	867

Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-128	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,823	-1,717	-3,216	-2,483	-1,204	0	0	0
1939	Dry	109	0	0	0	0	0	-1	-1	-2	-2	-2	-1
1940	Above Normal	0	0	0	21	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,284	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-727	50	-1,474	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-136	14	-69	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-373	-1	-1	-2	-1	-1
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-583	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,210	-1,619	-3,438	-3,280	-1,194	-211	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-47	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-936	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-1,006	-62	-775	94	329	7	-23	0	0
1984	Above Normal	0	-40	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,700	-1,473	-2,606	-226	-1,919	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,426	-1,246	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,569	-516	-1,002	-762	-2,628	-3,562	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-3%	-13%	-14%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-9%	-7%	-19%	-13%	-9%	0%	0%	0%
1939	Dry	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	4%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-9%	1%	-10%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-27%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-8%	-11%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-25%	-22%	-3%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-14%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-20%	-15%	-11%	-18%	-14%	-6%	-3%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-27%	-18%	-12%	-26%	-10%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-19%	-20%	-8%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-9%	-15%	0%	0%	0%	0%
1983	Wet	0%	-12%	-20%	-5%	0%	-2%	0%	2%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-25%	-16%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-10%	-12%	-13%	-2%	-11%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-13%	-13%	-10%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-8%	-5%	-8%	-6%	-14%	-22%	0%	0%
1999	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,701	1,467	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	2,069	1,704	1,855	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,265	1,375	1,424	678	586	1,470
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,768	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	826	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,309	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,702	1,466	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	1,964	1,704	1,959	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,209	1,375	1,424	678	586	1,525
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,712	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	874	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,308	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	1	-1	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	-105	0	104	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-56	0	0	0	0	55
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-56	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	48	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-5%	0%	6%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	4%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,606	6,902	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,714	5,745	4,500	9,001	5,669	3,668	2,318	2,542	2,798
1924	Critical	3,244	2,425	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,665	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,806	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	14,276	10,642	11,498	8,827	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,922	21,822	29,258	20,332	22,988	16,670	8,698	3,319	4,389
1939	Dry	3,805	2,915	2,366	2,499	2,821	3,780	4,927	3,818	1,609	1,352	1,499	2,034
1940	Above Normal	2,554	2,163	1,901	3,369	4,004	8,796	10,538	6,069	3,097	1,883	2,084	2,456
1941	Wet	2,868	2,349	3,993	4,493	14,561	13,568	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,267	2,888	3,834	6,846	8,168	8,134	11,477	9,816	8,424	7,140	3,064	3,088
1943	Wet	3,242	3,036	3,211	11,165	9,599	19,912	11,416	6,439	4,958	2,924	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,646	2,474	2,235	2,425	8,951	10,053	8,371	5,900	3,517	3,075	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	12,749	12,419	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,482	4,257	12,946	13,547	16,980	13,491	9,341	4,524	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,101	2,553	1,910	1,607	1,948
1954	Below Normal	2,548	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	7,461	19,102	11,694	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,900	13,962	12,093	6,066	3,079	3,880
1959	Dry	3,111	2,394	2,257	2,365	3,863	3,472	4,926	3,723	1,606	1,270	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,934	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,826	6,344	7,122	10,192	5,396	3,065	2,951	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,325	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,952	14,354	16,075	15,030	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	8,840	24,342	20,192	22,934	26,687	25,760	9,967	4,296	4,061
1970	Above Normal	4,023	2,939	3,574	16,902	8,596	8,542	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	6,330	4,470	8,815	9,275	5,834	6,188	3,401	2,806	2,839
1975	Wet	3,646	3,055	2,560	2,421	6,159	8,913	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,002	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	7,031	8,064	13,787	11,739	10,121	4,353	2,866	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	8,002	9,401	8,133	9,047	2,978	1,745	2,558	2,340
1980	Wet	3,194	2,546	2,220	11,893	19,878	16,644	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	2,953	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,801	28,420	19,362	11,149	8,697	4,735	7,447
1983	Wet	7,311	11,273	20,999	26,497	32,051	48,707	24,261	25,796	28,041	24,415	9,187	7,913
1984	Above Normal	4,918	16,551	23,989	15,333	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	14,549	28,070	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,252	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	555	596	950
1993	Wet	1,399	1,503	1,480	4,802	3,761	3,770	5,505	5,004	7,100	4,329	2,326	2,619
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	906	904	1,230
1995	Wet	1,595	1,669	1,445	3,767	3,427	19,501	14,534	23,017	13,949	19,523	4,726	2,901
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,477	9,677	7,692	5,893	2,581	2,579	2,728
1997	Wet	3,186	3,507	19,751	59,984	22,927	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	21,678	14,508	16,166	15,728	20,601	20,102	5,658	4,857
1999	Above Normal	4,546	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,903	9,361	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,611	6,893	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,525	5,702	4,500	9,001	5,669	3,668	2,317	2,541	2,798
1924	Critical	3,244	2,424	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,664	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,678	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	13,445	10,384	10,375	8,021	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,812	19,998	27,542	17,117	20,504	15,467	8,698	3,319	4,389
1939	Dry	3,914	2,915	2,366	2,499	2,821	3,780	4,926	3,816	1,607	1,350	1,497	2,034
1940	Above Normal	2,553	2,163	1,901	3,390	4,004	8,796	10,538	6,069	3,098	1,884	2,085	2,456
1941	Wet	2,869	2,349	3,993	4,493	13,277	13,564	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,333	2,888	3,834	6,841	8,007	8,134	11,477	9,816	8,424	7,140	3,064	3,087
1943	Wet	3,242	3,036	3,211	10,438	9,649	18,438	11,416	6,439	4,958	2,923	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,647	2,474	2,235	2,425	7,907	10,053	8,371	5,900	3,516	3,074	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	9,930	11,652	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,346	4,272	12,878	13,020	15,995	12,427	9,341	4,523	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,100	2,552	1,909	1,607	1,948
1954	Below Normal	2,547	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	5,920	15,458	11,439	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,471	13,961	12,091	6,064	3,078	3,934
1959	Dry	3,110	2,394	2,256	2,365	3,863	3,472	4,926	3,724	1,606	1,271	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,933	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,814	6,344	7,122	10,192	5,396	3,065	2,950	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,324	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,313	13,668	15,133	13,198	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	7,227	21,180	18,572	19,497	23,407	24,565	9,756	4,296	4,061
1970	Above Normal	4,055	2,939	3,574	16,896	8,596	8,493	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	5,913	4,470	8,815	9,274	5,834	6,187	3,401	2,806	2,839
1975	Wet	3,645	3,055	2,560	2,421	6,159	8,865	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	2,999	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	5,278	6,866	12,526	9,603	9,239	4,352	2,865	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	7,875	9,231	8,132	9,045	2,975	1,742	2,555	2,339
1980	Wet	3,193	2,546	2,220	9,749	16,109	15,707	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	3,020	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,644	26,187	16,977	11,149	8,697	4,735	7,447
1983	Wet	7,311	10,253	17,662	25,492	31,990	47,933	24,355	26,124	28,048	24,391	9,187	7,913
1984	Above Normal	4,918	16,511	23,964	15,308	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	11,091	24,743	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,251	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	554	596	950
1993	Wet	1,398	1,503	1,480	4,802	3,760	3,761	5,505	5,004	7,100	4,329	2,325	2,618
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	907	904	1,230
1995	Wet	1,595	1,669	1,445	3,766	3,427	17,801	13,061	20,411	13,723	17,603	4,724	2,900
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,314	9,676	7,691	5,892	2,579	2,578	2,727
1997	Wet	3,186	3,460	17,791	53,558	21,681	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	20,109	13,992	15,164	14,966	17,973	16,540	5,658	4,857
1999	Above Normal	4,609	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,673	9,270	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-128	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,823	-1,717	-3,216	-2,483	-1,204	0	0	0
1939	Dry	109	0	0	0	0	0	0	-2	-2	-2	-2	-1
1940	Above Normal	0	0	0	21	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,284	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-727	50	-1,474	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-136	14	-69	-527	-985	-1,064	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-429	-1	-1	-2	-1	54
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-639	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,162	-1,619	-3,438	-3,280	-1,194	-211	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-47	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-936	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-1,006	-62	-775	94	328	7	-23	0	0
1984	Above Normal	0	-40	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,700	-1,473	-2,606	-226	-1,919	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,426	-1,246	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,569	-516	-1,002	-762	-2,628	-3,562	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-2%	-10%	-9%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-8%	-6%	-16%	-11%	-7%	0%	0%	0%
1939	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-7%	1%	-7%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-22%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-6%	-8%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-21%	-19%	-2%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	1%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-6%	-12%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-18%	-13%	-8%	-15%	-12%	-5%	-2%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-25%	-15%	-9%	-18%	-9%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-18%	-19%	-6%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-8%	-12%	0%	0%	0%	0%
1983	Wet	0%	-9%	-16%	-4%	0%	-2%	0%	1%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	-12%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-10%	-11%	-2%	-10%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-10%	-11%	-5%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-7%	-4%	-6%	-5%	-13%	-18%	0%	0%
1999	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Jones Pumping Plant (Node D418)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,199	4,509	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,705	4,239	2,937	1,119	800	3,368	4,581	3,826	4,600
1924	Critical	4,578	4,156	3,520	3,879	2,103	800	941	816	274	800	1,275	2,843
1925	Dry	3,095	1,565	3,841	3,218	2,331	2,831	1,198	954	3,444	4,600	3,937	3,603
1926	Dry	3,789	4,206	3,564	3,219	1,726	1,041	1,226	800	2,104	3,113	2,339	3,784
1927	Wet	3,535	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,051	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,070	2,600	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,325	3,029	3,159	2,407	2,505	2,065	1,414	1,185	1,125	2,662	1,521	2,604
1931	Critical	3,467	3,245	3,200	3,265	3,286	1,122	800	800	414	600	1,274	2,781
1932	Dry	3,008	2,436	4,600	3,415	1,772	1,090	800	800	1,788	800	3,245	4,600
1933	Critical	3,460	3,071	3,204	682	960	1,303	800	800	545	800	4,600	4,071
1934	Critical	2,934	2,589	1,162	473	712	616	800	800	417	600	3,605	2,805
1935	Below Normal	1,897	3,050	4,210	2,831	828	1,499	1,031	800	2,946	3,153	2,001	4,179
1936	Below Normal	4,342	3,857	4,082	1,760	729	2,045	1,190	800	2,813	3,971	2,694	4,600
1937	Below Normal	4,107	3,751	4,251	2,801	1,036	617	1,286	1,096	979	3,258	2,393	4,600
1938	Wet	3,470	4,600	3,904	815	923	1,987	2,537	4,122	4,600	4,600	4,600	4,490
1939	Dry	3,818	800	4,250	3,409	3,888	1,765	862	800	445	4,446	2,307	4,045
1940	Above Normal	3,378	3,750	2,548	2,598	3,311	4,600	1,311	800	2,744	3,887	4,600	4,041
1941	Wet	3,108	2,741	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,576
1942	Wet	3,381	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,700	4,600	4,033	4,600	4,600	4,600	1,422	800	3,471	4,600	4,600	4,600
1944	Dry	3,304	3,950	4,403	3,405	3,680	2,425	1,056	800	1,747	3,715	2,208	3,114
1945	Below Normal	3,433	4,600	3,813	3,431	3,899	4,096	1,041	800	2,067	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,345	842	800	2,721	4,600	4,600	4,249
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,523	4,170
1948	Below Normal	3,766	4,482	3,490	2,030	904	2,529	800	800	2,679	4,266	4,270	4,600
1949	Dry	4,600	4,225	4,281	3,222	3,319	1,930	800	800	1,733	4,600	4,148	4,600
1950	Below Normal	4,264	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,141	1,006	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,202	3,931	4,600	3,889	4,600	1,688	2,115	4,600	4,600	4,600	4,600
1953	Wet	3,341	3,892	4,600	3,176	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,342	4,576	4,522	2,081	2,499	3,446	937	800	2,621	2,999	4,600	4,600
1955	Dry	3,134	4,426	4,600	3,587	3,631	2,451	945	800	598	4,600	2,591	3,738
1956	Wet	3,158	4,188	4,600	4,600	4,056	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,628	4,600	4,291	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,898
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,483	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,731	3,805	4,600	2,193	3,021	3,469	1,218	912	1,664	4,515	4,600	3,616
1960	Dry	3,554	3,425	3,654	3,251	2,231	2,433	800	1,179	1,516	4,050	2,116	4,107
1961	Dry	3,625	4,061	4,600	3,319	2,008	3,299	800	823	371	4,508	3,542	4,600
1962	Below Normal	3,089	3,912	2,983	3,537	3,152	3,822	1,100	800	1,701	4,440	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,442	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,691	3,325
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,210	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,370
1967	Wet	3,992	3,784	3,917	3,747	3,624	4,223	2,114	1,787	4,600	4,600	4,600	4,490
1968	Below Normal	3,951	2,174	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,118	4,600	4,230	4,600	1,990	2,734	3,942	4,600	4,600	4,600	3,823
1970	Wet	4,069	800	4,125	4,600	4,600	3,430	800	800	1,842	3,928	4,600	4,600
1971	Wet	3,279	2,100	3,971	3,325	3,366	3,891	1,057	823	2,648	4,552	4,600	4,351
1972	Below Normal	3,419	2,726	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,071
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,404
1974	Wet	3,098	4,600	4,430	4,349	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,247	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,803	4,600	3,548	4,451	3,191	1,244	800	279	1,575	800	1,565
1977	Critical	2,546	3,664	3,043	2,677	3,729	800	800	800	60	600	4,124	1,353
1978	Above Normal	1,928	1,550	2,813	2,875	4,600	4,600	1,719	1,461	4,404	4,600	4,600	4,558
1979	Below Normal	3,774	2,995	4,578	3,915	4,600	4,600	1,010	1,122	2,765	4,600	4,600	3,503
1980	Above Normal	4,600	3,475	4,600	4,600	3,060	1,713	1,121	998	4,430	4,600	4,600	3,448
1981	Dry	3,239	3,856	4,600	3,421	3,411	2,430	1,319	1,012	1,650	4,600	3,405	3,628
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	2,966	2,414	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,463	2,309	1,991	2,722	3,933	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,505	1,462	1,973	2,765	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,508	4,600	4,279	2,155	4,600	3,773	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,474	800	4,111	3,303	3,349	2,347	800	800	1,630	3,676	1,716	3,105
1988	Critical	4,462	3,695	3,322	2,381	800	800	1,055	800	331	2,900	4,600	1,975
1989	Dry	2,503	3,331	2,820	3,179	1,201	1,208	1,231	800	2,359	3,959	2,744	3,375
1990	Critical	2,758	3,107	3,186	3,096	2,353	1,012	800	848	222	3,168	3,380	1,665
1991	Critical	3,090	3,007	2,641	1,512	1,697	1,295	1,077	819	1,096	2,811	2,431	2,241
1992	Critical	2,870	2,806	2,344	1,558	1,690	2,389	800	800	962	3,221	4,574	814
1993	Above Normal	2,036	3,001	3,620	3,235	4,117	3,921	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,431	4,600	3,202	3,335	2,302	929	976	237	4,527	3,062	3,065
1995	Wet	2,337	3,758	3,622	3,011	3,630	4,600	1,811	4,357	4,600	4,600	4,600	4,600
1996	Wet	2,469	1,866	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	3,009	4,600	4,600	4,600	4,600	3,584	864	800	4,528	4,324	4,600	4,600
1998	Wet	2,909	2,175	4,600	3,013	4,600	4,600	2,015	1,958	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,567
2000	Above Normal	2,671	4,600	3,865	2,262	4,600	4,600	891	800	3,213	2,731	4,600	4,600
2001	Dry	3,084	4,600	4,071	3,460	3,033	2,895	1,026	800	1,616	4,600	2,435	3,189
2002	Dry	4,035	3,350	3,931	2,670	2,607	2,592	836	800	1,675	4,600	4,600	4,172
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,887

Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,200	4,506	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,656	4,228	2,937	1,119	800	3,353	4,581	3,814	4,600
1924	Critical	4,578	4,155	3,520	3,878	2,103	800	941	819	274	800	1,275	2,847
1925	Dry	3,098	1,561	3,839	3,218	2,331	2,829	1,198	954	3,446	4,600	3,939	3,604
1926	Dry	3,790	4,207	3,563	3,219	1,726	1,040	1,226	800	2,100	3,112	2,329	3,783
1927	Wet	3,536	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,050	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,071	2,599	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,326	3,030	3,158	2,407	2,505	2,064	1,414	1,185	1,123	2,660	1,522	2,605
1931	Critical	3,467	3,246	3,199	3,265	3,286	1,123	800	800	414	600	1,274	2,783
1932	Dry	3,009	2,432	4,600	3,415	1,765	996	800	800	1,788	800	3,248	4,600
1933	Critical	3,460	3,071	3,284	681	960	1,303	800	800	545	800	4,600	4,078
1934	Critical	2,941	2,595	1,141	473	712	607	800	800	417	600	3,401	2,816
1935	Below Normal	1,884	3,052	4,210	3,015	825	1,499	1,031	800	2,946	3,153	2,003	4,182
1936	Below Normal	4,345	3,860	4,499	1,333	897	2,150	1,190	800	2,813	3,968	2,695	4,600
1937	Below Normal	4,109	3,753	4,249	2,790	1,035	1,696	1,285	995	925	3,250	2,393	4,600
1938	Wet	3,468	4,600	4,600	1,026	922	2,990	2,135	2,556	4,600	4,600	4,600	4,490
1939	Dry	3,865	981	4,353	3,409	3,882	1,765	800	800	444	4,518	2,267	3,898
1940	Above Normal	3,501	3,751	2,499	2,604	3,311	4,600	1,311	800	2,744	3,878	4,600	4,161
1941	Wet	3,111	2,928	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,574
1942	Wet	3,450	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,699	4,600	4,033	4,600	4,600	4,600	1,422	800	3,902	4,600	4,600	4,600
1944	Dry	3,201	3,885	4,403	3,405	3,680	2,425	1,056	800	1,868	3,638	2,214	3,121
1945	Below Normal	3,435	4,600	3,813	3,431	3,629	4,600	1,041	800	2,066	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,467	842	800	2,589	4,600	4,600	4,377
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,603	4,165
1948	Below Normal	3,765	4,481	3,491	2,030	903	2,529	800	800	2,679	4,261	4,271	4,600
1949	Dry	4,600	4,225	4,258	3,222	3,319	1,930	800	800	1,733	4,600	4,147	4,600
1950	Below Normal	4,265	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,135	1,381	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,204	3,931	4,600	3,893	4,600	1,622	1,992	4,600	4,600	4,600	4,600
1953	Wet	3,339	4,600	4,600	2,724	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,310	4,510	4,520	2,081	2,499	3,446	937	800	2,621	2,989	4,600	4,600
1955	Dry	3,111	4,463	4,600	3,587	3,653	2,451	945	800	598	4,600	2,552	3,736
1956	Wet	3,164	4,189	4,600	4,600	4,576	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,627	4,600	4,292	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,899
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,430	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,746	4,600	4,600	2,193	3,021	3,467	1,218	912	1,664	4,510	4,600	3,683
1960	Dry	3,555	3,401	3,653	3,251	2,231	2,433	800	1,179	1,516	4,050	2,108	4,102
1961	Dry	3,613	4,062	4,600	3,319	2,008	3,299	800	823	370	4,508	3,538	4,600
1962	Below Normal	3,094	3,914	2,981	3,537	3,152	3,822	1,100	800	1,701	4,442	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,433	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,691	3,327
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,211	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,366
1967	Wet	3,993	3,784	3,917	3,747	3,624	4,223	2,034	1,702	4,600	4,600	4,600	4,600
1968	Below Normal	3,949	4,153	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,116	4,600	3,813	4,600	2,702	2,431	4,235	4,600	4,600	4,600	4,053
1970	Wet	4,041	800	4,125	4,600	4,600	3,273	800	800	1,842	3,931	4,600	4,600
1971	Wet	3,278	2,070	3,971	3,325	3,366	3,891	1,057	823	2,648	4,541	4,600	4,350
1972	Below Normal	3,420	2,731	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,073
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,770
1974	Wet	3,098	4,600	4,430	4,241	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,246	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,820	4,600	3,549	4,451	3,191	1,244	800	279	1,563	800	1,563
1977	Critical	2,561	3,663	3,042	2,679	3,725	800	800	800	60	600	4,054	1,353
1978	Above Normal	1,955	1,552	2,808	2,875	4,283	4,464	1,561	1,194	4,204	4,600	4,600	4,600
1979	Below Normal	3,794	4,600	4,600	3,919	4,600	4,600	1,010	1,122	2,754	4,415	4,600	3,502
1980	Above Normal	4,600	4,003	4,600	3,978	1,077	1,716	1,121	998	4,430	4,600	4,600	4,189
1981	Dry	3,273	3,818	4,600	3,422	3,411	2,430	1,319	1,012	1,650	4,600	3,355	3,615
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	3,298	2,116	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,600	3,709	3,391	4,122	4,159	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,648	2,862	2,268	2,785	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,509	4,600	4,279	2,155	4,600	4,080	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,472	922	4,109	3,303	3,349	2,347	800	800	1,577	3,742	1,896	3,099
1988	Critical	4,460	3,694	3,322	2,381	800	800	1,055	800	331	2,896	4,600	1,975
1989	Dry	2,507	3,326	2,821	3,179	1,200	1,208	1,231	800	2,359	3,958	2,757	3,299
1990	Critical	2,758	3,108	3,182	3,096	2,352	1,012	800	848	222	3,167	2,354	2,708
1991	Critical	3,039	3,003	2,652	1,508	1,697	1,295	1,077	819	1,099	2,813	2,463	2,240
1992	Critical	2,866	2,834	2,341	1,533	1,690	2,389	800	800	1,473	2,681	4,566	802
1993	Above Normal	2,032	3,002	3,620	3,235	4,117	3,919	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,412	4,600	3,202	3,335	2,302	929	976	237	4,528	3,059	3,069
1995	Wet	2,339	3,756	3,623	3,011	3,630	4,600	1,627	2,543	4,600	4,600	4,600	4,600
1996	Wet	2,467	4,349	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	2,898	4,600	4,600	4,600	4,600	3,634	864	800	4,528	4,219	4,600	4,600
1998	Wet	2,917	2,168	4,600	3,013	4,600	4,600	1,889	1,862	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,568
2000	Above Normal	2,676	4,600	3,869	2,262	4,600	4,600	891	800	3,213	2,734	4,600	4,600
2001	Dry	3,081	4,600	4,118	3,460	3,033	2,895	1,026	800	1,616	4,600	2,400	3,189
2002	Dry	4,035	3,351	3,931	2,670	2,606	2,592	836	800	1,675	4,600	4,600	4,158
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,883

Change in Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	0	0	-49	-11	0	0	0	-15	0	-11	0
1924	Critical	0	0	0	0	0	0	0	2	0	0	0	4
1925	Dry	3	-4	-2	0	0	-2	0	0	2	0	1	2
1926	Dry	1	1	-1	0	0	-1	0	0	-4	0	-10	-1
1927	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	1	-1	0	0	0	0	0	0	0	-1	0	0
1929	Critical	0	-1	0	0	0	0	0	0	0	0	0	1
1930	Dry	1	1	0	0	0	-1	0	0	-2	-2	0	0
1931	Critical	0	1	-1	0	1	1	0	0	0	0	0	1
1932	Dry	2	-4	0	0	-7	-94	0	0	0	0	4	0
1933	Critical	0	0	80	-1	-1	0	0	0	0	0	0	6
1934	Critical	7	6	-21	0	0	-9	0	0	0	0	-204	10
1935	Below Normal	-12	2	0	184	-2	0	0	0	0	0	2	2
1936	Below Normal	3	3	417	-427	168	105	0	0	0	-3	1	0
1937	Below Normal	2	2	-3	-10	-1	1,079	-1	-101	-54	-8	1	0
1938	Wet	-2	0	696	211	-1	1,003	-402	-1,566	0	0	0	0
1939	Dry	47	181	103	0	-6	0	-62	0	-1	72	-40	-147
1940	Above Normal	123	1	-49	5	0	0	0	0	0	-10	0	120
1941	Wet	3	187	0	0	0	0	0	0	0	0	0	-2
1942	Wet	68	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	-1	0	0	0	0	0	0	0	432	0	0	0
1944	Dry	-104	-66	0	0	0	0	0	0	121	-78	5	7
1945	Below Normal	2	0	0	0	-270	504	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	122	0	0	-131	0	0	128
1947	Dry	0	0	0	1	0	0	0	0	0	0	80	-5
1948	Below Normal	-1	-1	1	0	-2	0	0	0	0	-4	1	0
1949	Dry	0	0	-23	0	0	0	0	0	0	0	-1	0
1950	Below Normal	1	0	0	0	0	0	0	0	0	-1	0	0
1951	Above Normal	0	0	0	-6	375	0	0	0	0	-1	0	0
1952	Wet	0	2	0	0	4	0	-66	-123	0	0	0	0
1953	Wet	-2	708	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-66	-2	0	0	0	0	0	0	-10	0	0
1955	Dry	-23	37	0	0	22	0	0	0	0	0	-39	-2
1956	Wet	6	1	0	0	520	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-54	0	0	0	0	0
1959	Below Normal	15	795	0	0	0	-2	0	0	0	-5	0	66
1960	Dry	1	-24	-2	0	0	0	0	0	0	0	-8	-4
1961	Dry	-12	1	0	0	0	0	0	0	0	0	-4	0
1962	Below Normal	5	2	-2	0	0	0	0	0	0	2	0	0
1963	Wet	0	0	0	0	0	0	0	0	-9	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	1
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-4
1967	Wet	0	0	0	0	0	0	-80	-86	0	0	0	110
1968	Below Normal	-2	1,979	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	-2	0	-417	0	712	-303	292	0	0	0	230
1970	Wet	-28	0	0	0	0	-157	0	0	0	2	0	0
1971	Wet	-2	-30	0	0	0	0	0	0	0	-11	0	-1
1972	Below Normal	0	5	0	0	0	0	0	0	0	0	0	2
1973	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	367
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	17	0	0	0	0	0	0	0	-12	0	-1
1977	Critical	15	0	-1	1	-4	0	0	0	0	0	-69	0
1978	Above Normal	28	2	-5	0	-317	-136	-158	-267	-200	0	0	42
1979	Below Normal	20	1,605	22	4	0	0	0	0	-11	-185	0	-2
1980	Above Normal	0	528	0	-622	-1,984	2	0	0	0	0	0	742
1981	Dry	34	-38	0	0	0	0	0	0	0	0	-50	-13
1982	Wet	0	0	0	0	0	0	331	-298	0	0	0	0
1983	Wet	0	0	0	137	1,400	1,400	1,400	226	0	0	0	0
1984	Wet	0	143	1,400	295	20	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	307	0	0	0	0	0	0
1987	Dry	-2	122	-3	0	0	0	0	0	-53	67	180	-6
1988	Critical	-2	0	0	0	0	0	0	0	0	-4	0	0
1989	Dry	4	-5	1	0	0	0	0	0	0	-1	13	-77
1990	Critical	0	1	-4	0	-1	0	0	0	0	0	-1,026	1,043
1991	Critical	-51	-4	11	-4	0	0	0	0	2	2	32	-2
1992	Critical	-4	28	-3	-25	0	0	0	0	511	-540	-8	-12
1993	Above Normal	-4	2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-19	0	0	0	0	0	0	0	0	-2	3
1995	Wet	2	-2	2	0	0	0	-184	-1,814	0	0	0	0
1996	Wet	-2	2,484	0	0	0	0	0	0	0	0	0	0
1997	Wet	-110	0	0	0	0	50	0	0	0	-106	0	0
1998	Wet	7	-7	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	1
2000	Above Normal	4	0	3	0	0	0	0	0	0	3	0	0
2001	Dry	-3	0	46	0	0	0	0	0	0	0	-34	1
2002	Dry	0	1	0	0	-1	0	0	0	0	0	0	-13
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-3

Percent Change in Simulated Exports Through Jones Pumping Plant (Node D418)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-2%	0%	0%	-1%	0%	0%	0%	0%	-6%	0%
1935	Below Normal	-1%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	10%	-24%	23%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	175%	0%	-9%	-6%	0%	0%	0%
1938	Wet	0%	0%	18%	26%	0%	50%	-16%	-38%	0%	0%	0%	0%
1939	Dry	1%	23%	2%	0%	0%	0%	-7%	0%	0%	2%	-2%	-4%
1940	Above Normal	4%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1941	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%
1944	Dry	-3%	-2%	0%	0%	0%	0%	0%	0%	7%	-2%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	-5%	0%	0%	3%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%
1953	Wet	0%	18%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-2%	0%
1956	Wet	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	0%	0%	0%	2%
1968	Below Normal	0%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	0%	36%	-11%	7%	0%	0%	0%	6%
1970	Wet	-1%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1978	Above Normal	1%	0%	0%	0%	-7%	-3%	-9%	-18%	-5%	0%	0%	1%
1979	Below Normal	1%	54%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1980	Above Normal	0%	15%	0%	-14%	-65%	0%	0%	0%	0%	0%	0%	22%
1981	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	11%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	3%	61%	70%	51%	6%	0%	0%	0%	0%
1984	Wet	0%	6%	96%	15%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	15%	0%	0%	0%	0%	0%	0%	-3%	2%	10%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-30%	63%
1991	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	53%	-17%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-10%	-42%	0%	0%	0%	0%
1996	Wet	0%	133%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-4%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Banks Pumping Plant (Node D419)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,199	4,509	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,424	4,284	3,705	4,239	2,902	1,119	700	2,386	7,005	7,180	6,680
1924	Critical	3,967	2,377	2,619	2,643	2,103	300	300	489	274	4,825	300	517
1925	Dry	2,397	2,988	3,841	3,218	2,331	4,056	1,198	954	1,712	7,180	4,753	6,680
1926	Dry	2,744	2,428	2,875	3,219	1,726	300	1,226	862	2,630	6,915	3,703	4,213
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,645
1928	Above Normal	3,155	3,634	7,117	3,460	2,170	3,947	1,110	700	2,558	6,615	6,748	6,680
1929	Critical	3,527	2,568	4,914	3,295	3,282	2,885	1,690	300	300	300	719	729
1930	Dry	1,057	1,188	3,159	2,407	2,505	2,997	1,414	1,185	2,107	6,915	4,564	6,680
1931	Critical	1,621	1,565	1,434	3,265	2,314	963	300	300	300	3,025	300	396
1932	Dry	930	1,732	7,170	3,415	6,430	3,973	741	700	1,788	4,418	4,910	2,770
1933	Critical	1,983	1,702	3,343	5,896	5,565	1,710	879	700	300	3,061	1,215	766
1934	Critical	992	1,531	4,639	5,942	4,404	1,712	300	704	300	503	323	510
1935	Below Normal	2,275	3,050	4,029	4,061	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,632	3,298	4,082	2,572	8,437	7,205	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,398	2,664	6,699	4,508	8,103	6,111	1,578	1,096	4,912	7,005	7,180	4,107
1938	Wet	3,822	6,680	5,731	7,401	8,500	7,561	2,537	6,177	6,680	7,005	7,180	6,382
1939	Dry	3,818	1,759	7,112	3,409	2,997	1,765	968	1,075	300	6,829	4,657	4,460
1940	Above Normal	1,217	948	3,495	2,598	3,311	5,359	1,311	701	2,744	6,525	6,680	6,680
1941	Wet	3,108	2,169	4,191	3,969	8,500	7,561	1,599	1,350	4,002	7,005	7,180	6,056
1942	Wet	3,381	1,453	4,235	4,639	5,107	4,955	1,430	1,220	3,981	7,005	7,180	6,113
1943	Wet	3,700	2,237	4,033	5,165	5,980	7,561	1,422	795	2,897	6,664	7,180	6,369
1944	Dry	3,304	1,335	7,124	3,405	3,680	2,425	1,056	700	1,988	6,915	4,993	2,443
1945	Below Normal	2,053	6,680	3,813	3,431	3,899	6,693	1,041	700	2,067	6,901	7,180	6,680
1946	Below Normal	6,092	6,680	5,535	4,043	3,091	4,084	842	700	1,377	6,823	6,893	6,680
1947	Dry	5,478	4,012	4,681	3,026	3,519	1,333	900	700	1,687	6,929	5,006	6,930
1948	Below Normal	4,096	3,543	2,421	2,030	384	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,549	2,627	4,281	3,222	3,319	1,930	700	700	1,733	6,915	4,859	7,020
1950	Below Normal	984	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,678	7,129	6,709	6,659	962	700	2,694	5,993	6,680	6,555
1952	Wet	3,407	4,968	3,931	4,751	3,889	7,561	1,688	2,115	5,886	6,680	7,180	6,680
1953	Wet	3,341	1,882	7,119	3,176	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,342	918	4,213	2,081	2,499	3,446	937	700	2,621	6,220	7,030	6,680
1955	Dry	3,134	3,882	7,042	3,587	3,068	2,346	945	700	300	6,929	4,341	3,082
1956	Wet	1,920	3,942	5,985	8,500	6,753	6,792	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,628	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,507	3,526	3,699	2,556	4,080	7,126	2,483	1,739	5,219	7,005	7,180	6,680
1959	Below Normal	3,731	2,417	7,093	2,193	3,021	3,520	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,430	2,210	1,979	3,251	2,231	2,433	561	1,179	1,516	6,915	6,155	6,930
1961	Dry	1,348	4,061	7,005	3,319	2,008	3,299	877	823	61	7,077	2,944	2,840
1962	Below Normal	333	2,697	2,983	2,579	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,019	7,005	7,180	6,680
1964	Dry	3,508	5,407	5,178	3,387	2,702	2,166	802	700	300	6,915	3,954	6,930
1965	Wet	2,670	3,165	4,009	5,253	4,388	4,555	1,268	700	2,855	7,005	7,180	6,532
1966	Below Normal	3,210	5,417	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,785	3,784	3,917	3,747	3,624	4,223	2,114	1,787	6,680	6,970	7,180	6,680
1968	Below Normal	3,951	2,342	7,059	3,412	2,271	3,473	1,176	965	1,661	6,789	6,930	6,930
1969	Wet	3,411	4,118	7,061	4,230	7,397	4,465	4,893	5,754	6,680	6,680	6,680	6,257
1970	Wet	4,069	2,359	4,125	8,500	5,361	6,373	797	700	1,842	7,115	7,030	4,671
1971	Wet	3,279	6,506	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,419	393	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,956	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,349	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,247	2,504	7,148	3,378	3,152	5,586	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,654	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,362	6,881
1977	Critical	2,171	1,475	1,166	1,692	803	309	300	598	60	499	300	1,403
1978	Above Normal	300	1,958	2,813	2,875	4,872	4,948	1,719	1,461	4,404	7,005	7,180	6,680
1979	Below Normal	3,774	3,048	6,913	3,915	5,221	4,809	1,010	1,122	2,765	7,005	7,180	6,680
1980	Above Normal	5,665	3,475	7,086	4,960	4,665	4,630	1,121	998	4,430	7,005	7,180	6,680
1981	Dry	3,620	2,084	7,087	3,421	3,411	2,430	1,319	1,012	1,650	6,929	6,280	5,489
1982	Wet	2,801	6,680	3,688	3,763	7,945	7,561	6,125	2,414	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	3,812	3,716	3,865	4,375	4,356	6,680	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,532	6,616	6,659	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,919	6,779
1986	Wet	4,244	5,422	4,279	2,155	7,985	5,003	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	616	1,772	1,630	1,481	876	2,201
1988	Critical	361	883	3,322	2,381	867	1,661	1,055	936	300	4,186	312	1,176
1989	Dry	300	3,331	2,820	3,179	1,111	1,208	1,231	925	2,359	6,915	4,401	7,160
1990	Critical	4,037	2,395	4,686	3,096	2,316	1,012	300	848	222	6,758	550	1,788
1991	Critical	300	795	987	641	1,404	1,295	1,077	819	2,065	5,759	358	608
1992	Critical	944	300	1,713	1,122	1,690	2,389	700	700	1,983	920	300	2,106
1993	Above Normal	300	516	3,620	3,235	4,117	3,921	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	968	6,551	3,202	3,335	2,302	929	976	237	6,977	3,991	3,222
1995	Wet	623	2,147	3,622	3,011	3,630	7,561	1,811	6,177	5,997	6,680	7,180	6,680
1996	Wet	2,469	1,401	3,703	2,835	7,720	6,570	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,974	1,762	7,678	8,500	8,500	7,202	864	784	1,630	6,071	7,030	6,680
1998	Wet	2,909	2,433	7,063	3,013	8,500	7,561	2,015	1,958	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,567
2000	Above Normal	2,609	631	7,004	2,262	5,400	5,654	891	700	2,681	6,489	7,030	6,680
2001	Dry	3,084	1,174	7,088	3,460	3,033	2,895	1,026	715	1,616	4,898	606	3,277
2002	Dry	300	3,350	3,931	2,670	3,937	2,592	836	700	1,675	6,929	2,738	6,143
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,959	7,180	6,680

Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,200	4,506	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,428	4,284	3,656	4,228	2,902	1,119	700	2,401	7,005	7,180	6,680
1924	Critical	3,955	2,377	2,619	2,644	2,103	300	300	479	274	4,826	300	514
1925	Dry	2,393	2,985	3,839	3,218	2,331	4,057	1,198	954	1,710	7,180	4,758	6,680
1926	Dry	2,746	2,430	2,874	3,219	1,726	300	1,226	862	2,634	6,915	3,712	4,193
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,644
1928	Above Normal	3,154	3,633	7,117	3,460	2,170	3,947	1,110	700	2,558	6,614	6,748	6,680
1929	Critical	3,527	2,567	4,912	3,295	3,282	2,885	1,690	300	300	300	719	728
1930	Dry	1,057	1,187	3,158	2,407	2,505	2,998	1,414	1,185	2,109	6,915	4,563	6,680
1931	Critical	1,621	1,564	1,433	3,265	2,314	963	300	300	300	3,016	300	395
1932	Dry	928	1,731	7,170	3,415	6,435	4,058	741	700	1,788	4,417	4,910	2,770
1933	Critical	1,982	1,702	3,257	5,897	5,565	1,710	879	700	300	3,049	1,209	759
1934	Critical	987	1,525	7,039	5,943	4,404	1,713	300	300	300	501	326	508
1935	Below Normal	2,294	3,052	4,025	3,877	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,446	3,294	3,729	3,000	8,437	7,100	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,395	2,662	6,702	4,518	8,087	6,111	1,298	995	4,966	7,005	7,180	4,105
1938	Wet	3,741	6,680	5,035	7,133	8,500	7,561	2,135	2,556	6,591	7,005	7,180	6,381
1939	Dry	3,865	1,759	7,112	3,409	2,999	1,765	1,638	1,074	300	6,829	4,565	3,948
1940	Above Normal	1,313	944	3,493	2,604	3,311	5,359	1,311	701	2,744	6,522	6,680	6,680
1941	Wet	3,111	2,206	4,191	3,969	8,364	7,561	1,599	1,350	4,002	7,005	7,180	6,055
1942	Wet	3,450	1,742	4,235	4,636	5,024	4,955	1,430	1,220	3,981	7,005	7,180	6,112
1943	Wet	3,699	2,209	4,033	4,790	6,006	7,561	1,422	795	2,466	6,829	7,180	6,329
1944	Dry	3,201	1,536	7,124	3,405	3,680	2,425	1,056	700	1,868	6,915	5,055	2,448
1945	Below Normal	2,051	6,680	3,813	3,431	3,629	6,189	1,041	700	2,066	6,901	7,180	6,680
1946	Below Normal	6,074	6,680	5,535	4,043	3,091	3,962	842	700	1,509	6,823	6,893	6,680
1947	Dry	5,424	4,012	4,685	3,026	3,519	1,333	900	700	1,687	6,929	4,980	6,930
1948	Below Normal	4,008	3,542	2,423	2,030	407	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,551	2,611	4,258	3,222	3,319	1,930	700	700	1,733	6,915	4,850	7,020
1950	Below Normal	983	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,043	7,758	6,706	6,659	962	700	2,694	5,992	6,680	6,592
1952	Wet	3,407	4,967	3,931	4,680	3,893	7,561	1,622	1,992	5,403	6,680	7,180	6,680
1953	Wet	3,339	3,097	7,119	2,724	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,310	909	4,506	2,081	2,499	3,446	937	700	2,621	6,219	7,030	6,680
1955	Dry	3,111	3,869	7,042	3,587	3,058	2,346	945	700	300	6,929	4,376	3,351
1956	Wet	1,627	3,939	5,188	8,500	6,841	6,864	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,627	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,504	3,524	3,699	2,556	4,080	7,126	2,430	1,739	5,218	7,005	7,180	6,680
1959	Below Normal	3,746	3,103	7,093	2,193	3,021	3,518	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,451	2,210	1,979	3,251	2,231	2,433	562	1,179	1,516	6,915	6,162	6,930
1961	Dry	1,345	4,062	7,005	3,319	2,008	3,299	877	823	62	7,077	2,938	2,839
1962	Below Normal	332	2,695	2,981	2,578	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,028	7,005	7,180	6,680
1964	Dry	3,509	5,399	5,178	3,387	2,702	2,165	802	700	300	6,915	3,956	6,930
1965	Wet	2,665	3,165	4,009	5,247	4,388	4,555	1,268	700	2,855	7,005	7,180	6,534
1966	Below Normal	3,211	5,340	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,784	3,784	3,917	3,747	3,624	4,223	2,034	1,702	6,565	6,970	7,180	6,680
1968	Below Normal	3,949	2,157	7,059	3,412	2,271	3,473	1,176	965	1,661	6,788	6,930	6,930
1969	Wet	3,422	4,116	7,061	3,813	8,382	4,464	2,431	6,177	6,680	7,005	7,180	6,334
1970	Wet	4,041	2,289	4,125	8,500	5,361	6,505	797	700	1,842	7,115	7,030	4,930
1971	Wet	3,278	6,505	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,624
1972	Below Normal	3,420	397	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,957	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,241	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,246	2,389	7,148	3,378	3,152	5,561	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,743	1,663	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,371	6,881
1977	Critical	2,157	1,474	1,166	1,690	803	309	300	596	60	498	300	1,404
1978	Above Normal	300	1,956	2,808	2,875	4,283	4,464	1,561	1,194	4,204	7,005	7,180	6,680
1979	Below Normal	3,794	4,164	5,767	3,919	5,155	4,722	1,010	1,122	2,774	7,005	7,180	6,680
1980	Above Normal	5,289	4,003	7,086	4,474	4,823	4,643	1,121	998	4,430	7,005	7,180	5,543
1981	Dry	3,597	2,105	7,087	3,422	3,411	2,430	1,319	1,012	1,650	6,929	6,454	5,592
1982	Wet	2,856	6,680	3,688	3,763	7,945	7,561	6,125	2,116	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	6,098	3,812	3,629	4,069	3,751	6,190	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,233	6,308	6,581	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,918	6,779
1986	Wet	4,244	5,422	4,279	2,155	6,197	6,103	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	618	1,772	1,683	1,476	889	2,198
1988	Critical	363	883	3,322	2,381	867	1,662	1,055	936	300	4,130	312	1,176
1989	Dry	300	3,326	2,821	3,179	1,111	1,208	1,231	925	2,359	6,915	4,325	7,160
1990	Critical	4,047	2,394	4,684	3,096	2,315	1,012	300	848	222	6,758	550	1,812
1991	Critical	300	799	981	624	1,404	1,295	1,077	819	2,062	5,767	358	605
1992	Critical	938	300	1,710	1,101	1,690	2,389	700	700	1,473	1,404	300	2,102
1993	Above Normal	300	514	3,620	3,235	4,117	3,919	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	957	6,611	3,202	3,335	2,302	929	976	237	6,977	3,974	3,221
1995	Wet	617	2,145	3,623	3,011	3,630	7,561	1,627	2,543	5,895	6,680	7,180	6,680
1996	Wet	2,467	1,278	3,703	2,835	7,720	6,485	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,898	1,725	7,678	8,500	8,500	7,151	864	784	1,574	6,105	7,030	6,680
1998	Wet	2,917	2,423	7,063	3,013	8,500	7,561	1,889	1,862	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,568
2000	Above Normal	2,614	639	7,004	2,262	5,281	5,607	891	700	2,680	6,490	7,030	6,680
2001	Dry	3,081	1,173	6,996	3,460	3,033	2,895	1,026	715	1,616	4,981	606	3,276
2002	Dry	300	3,351	3,931	2,670	3,936	2,592	836	700	1,675	6,929	2,699	6,223
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,960	7,180	6,680

Change in Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	4	0	-49	-11	0	0	0	15	0	0	0
1924	Critical	-12	0	0	0	0	0	0	-10	0	1	0	-3
1925	Dry	-4	-3	-2	0	0	2	0	0	-2	0	5	0
1926	Dry	2	2	-1	0	0	0	0	0	4	0	9	-19
1927	Wet	-1	0	0	0	0	0	0	0	0	0	0	-1
1928	Above Normal	-1	-1	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	-2	0	0	0	0	0	0	0	0	-1
1930	Dry	-1	-1	0	0	0	1	0	0	2	0	-1	0
1931	Critical	0	-1	-1	0	-1	-1	0	0	0	-9	0	-1
1932	Dry	-2	-1	0	0	6	86	0	0	0	-1	0	0
1933	Critical	0	0	-86	1	1	0	0	0	0	-13	-6	-6
1934	Critical	-5	-6	2,400	0	0	2	0	-404	0	-2	2	-2
1935	Below Normal	19	2	-4	-184	0	0	0	0	0	0	0	0
1936	Below Normal	-185	-3	-353	427	0	-105	0	0	0	0	0	0
1937	Below Normal	-3	-2	3	10	-16	0	-279	-101	54	0	0	-1
1938	Wet	-81	0	-696	-269	0	0	-402	-3,621	-89	0	0	-1
1939	Dry	47	0	0	0	2	0	671	-1	0	0	-93	-511
1940	Above Normal	96	-4	-2	5	0	0	0	0	0	-3	0	0
1941	Wet	3	37	0	0	-136	0	0	0	0	0	0	-1
1942	Wet	68	289	0	-3	-83	0	0	0	0	0	0	-1
1943	Wet	-1	-28	0	-376	26	0	0	0	-431	164	0	-40
1944	Dry	-104	201	0	0	0	0	0	0	-120	0	62	4
1945	Below Normal	-2	0	0	0	-270	-504	0	0	0	0	0	0
1946	Below Normal	-18	0	0	0	-1	-122	0	0	131	0	0	0
1947	Dry	-54	0	4	-1	0	0	0	0	0	0	-27	0
1948	Below Normal	-88	0	2	0	23	0	0	0	0	0	0	0
1949	Dry	2	-16	-23	0	0	0	0	0	0	0	-8	0
1950	Below Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-635	629	-3	1	0	0	0	0	0	36
1952	Wet	0	-1	0	-70	4	0	-66	-123	-483	0	0	0
1953	Wet	-2	1,215	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-9	293	0	0	0	0	0	0	-2	0	0
1955	Dry	-23	-13	0	0	-10	0	0	0	0	0	36	269
1956	Wet	-292	-3	-796	0	88	72	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-3	-2	0	0	0	0	-54	0	-1	0	0	0
1959	Below Normal	15	686	0	0	0	-2	0	0	0	0	0	0
1960	Dry	21	0	0	0	0	0	2	0	0	0	7	0
1961	Dry	-3	1	0	0	0	0	0	0	0	0	-6	-1
1962	Below Normal	-1	-2	-2	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	9	0	0	0
1964	Dry	0	-8	0	0	0	0	0	0	0	0	1	0
1965	Wet	-5	0	0	-6	0	0	0	0	0	0	0	2
1966	Below Normal	1	-77	0	0	0	0	0	0	0	0	0	0
1967	Wet	-1	0	0	0	0	0	-80	-86	-115	0	0	0
1968	Below Normal	-2	-186	0	0	0	0	0	0	0	0	0	0
1969	Wet	11	-2	0	-417	984	-2	-2,461	423	0	325	500	77
1970	Wet	-28	-70	0	0	0	132	0	0	0	0	0	259
1971	Wet	-2	-1	0	0	0	0	0	0	0	0	0	1
1972	Below Normal	0	4	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	1
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	-1	-115	0	0	0	-24	0	0	0	0	0	0
1976	Critical	-1	9	0	0	0	0	0	0	0	0	10	0
1977	Critical	-13	-1	0	-1	0	0	0	-2	0	-1	0	0
1978	Above Normal	0	-2	-5	0	-589	-483	-158	-267	-200	0	0	0
1979	Below Normal	20	1,116	-1,146	4	-66	-88	0	0	9	0	0	0
1980	Above Normal	-375	528	0	-486	157	13	0	0	0	0	0	-1,137
1981	Dry	-23	21	0	0	0	0	0	0	0	0	174	103
1982	Wet	55	0	0	0	0	0	0	-298	0	0	0	0
1983	Wet	0	0	0	2,286	96	-237	-306	-605	-490	0	0	0
1984	Wet	0	0	0	-299	-308	-78	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-1,788	1,100	0	0	0	0	0	0
1987	Dry	-1	0	0	0	0	0	2	0	53	-5	13	-3
1988	Critical	2	0	0	0	0	0	0	0	0	-56	0	0
1989	Dry	0	-5	1	0	-1	0	0	0	0	0	-76	0
1990	Critical	10	-1	-2	0	0	0	0	0	0	0	0	24
1991	Critical	0	4	-7	-17	0	0	0	0	-2	7	0	-2
1992	Critical	-6	0	-2	-20	0	0	0	0	-511	484	0	-4
1993	Above Normal	0	-2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-11	60	0	0	0	0	0	0	0	-17	-1
1995	Wet	-6	-2	2	0	0	0	-184	-3,634	-103	0	0	0
1996	Wet	-2	-122	0	0	0	-84	0	0	0	0	0	0
1997	Wet	-76	-37	0	0	0	-50	0	0	-57	34	0	0
1998	Wet	7	-10	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	1
2000	Above Normal	4	7	0	0	-119	-47	0	0	0	0	0	0
2001	Dry	-3	-2	-91	0	0	0	0	0	0	83	0	0
2002	Dry	0	1	0	0	-1	0	0	0	0	0	-39	79
2003	Above Normal	0	0	0	0	0	0	0	0	0	1	0	0

Percent Change in Simulated Exports Through Banks Pumping Plant (Node D419)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1934	Critical	0%	0%	52%	0%	0%	0%	0%	-57%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-4%	0%	-9%	17%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-18%	-9%	1%	0%	0%	0%
1938	Wet	-2%	0%	-12%	-4%	0%	0%	-16%	-59%	-1%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	-2%	-11%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	20%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	-7%	0%	0%	0%	0%	-15%	2%	0%	-1%
1944	Dry	-3%	15%	0%	0%	0%	0%	0%	0%	-6%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	10%	0%	0%	0%
1947	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-2%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-8%	9%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	-1%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Wet	0%	65%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	9%
1956	Wet	-15%	0%	-13%	0%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-2%	0%	0%	0%
1968	Below Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	13%	0%	-50%	7%	0%	5%	7%	1%
1970	Wet	-1%	-3%	0%	0%	0%	2%	0%	0%	0%	0%	0%	6%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-12%	-10%	-9%	-18%	-5%	0%	0%	0%
1979	Below Normal	1%	37%	-17%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	15%	0%	-10%	3%	0%	0%	0%	0%	0%	0%	-17%
1981	Dry	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	3%	-6%	-7%	-14%	-7%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-1%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-22%	22%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	1%	0%
1988	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1991	Critical	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	0%	0%	-2%	0%	0%	0%	0%	-26%	53%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1996	Wet	0%	-9%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-3%	-2%	0%	0%	0%	-1%	0%	0%	-3%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	1%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Delta Outflow (Node C406)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,238	12,796	38,493	27,421	29,791	56,030	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,287	28,876	15,652	9,649	28,865	17,891	6,918	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,289	9,613	6,604	4,000	4,000	4,064	4,702	3,000
1925	Dry	3,000	4,499	8,069	8,413	70,480	13,334	29,946	17,167	5,556	5,000	4,541	3,917
1926	Dry	4,000	4,500	4,500	14,261	44,642	12,758	27,640	9,923	5,469	5,083	3,762	3,000
1927	Wet	4,000	14,276	14,559	32,187	123,455	41,498	54,127	27,010	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,871	20,990	22,916	81,797	28,751	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,798	12,284	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,645	18,850	16,248	30,227	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,418	8,326	7,656	7,817	4,999	4,000	4,000	4,120	3,000
1932	Dry	3,000	3,500	14,358	17,218	14,908	10,392	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,837	7,724	13,495	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,486	3,500	11,203	14,681	14,299	10,625	9,673	7,031	7,100	4,000	3,282	3,000
1935	Below Normal	3,000	6,795	3,837	29,115	10,276	27,341	55,231	20,843	8,041	6,500	4,000	3,915
1936	Below Normal	4,000	4,500	4,500	40,926	78,111	32,407	28,636	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,258	46,178	49,537	29,620	18,978	11,040	6,500	4,000	3,000
1938	Wet	4,000	16,989	65,217	28,405	138,199	166,841	78,939	67,966	37,736	8,000	4,000	20,625
1939	Dry	7,500	13,789	4,965	7,080	8,210	10,237	9,673	9,318	5,731	5,055	3,717	3,000
1940	Above Normal	4,844	4,500	4,500	34,522	65,731	109,337	73,361	18,160	6,166	10,075	4,000	11,563
1941	Wet	5,938	10,625	36,219	97,169	116,505	89,315	79,272	47,732	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,733	78,171	136,462	23,909	56,688	40,551	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,961	77,267	54,820	86,119	34,707	19,203	7,461	10,589	4,000	19,375
1944	Dry	7,500	12,549	5,129	11,670	23,546	18,822	12,771	9,909	6,717	5,000	3,764	3,000
1945	Below Normal	4,000	6,194	12,070	9,410	52,184	22,551	17,404	15,016	7,008	6,548	4,018	3,881
1946	Below Normal	4,719	5,520	69,520	46,444	15,036	16,898	18,188	15,640	7,046	6,771	4,000	3,825
1947	Dry	4,000	4,500	8,733	7,767	14,341	20,576	12,657	7,513	7,100	5,000	4,421	3,804
1948	Below Normal	4,000	4,500	4,802	13,021	11,145	13,777	28,400	29,214	14,186	6,500	4,000	4,008
1949	Dry	4,000	4,538	6,730	7,615	8,979	46,185	14,314	11,699	6,753	5,000	4,334	4,214
1950	Below Normal	4,000	4,500	4,500	19,606	35,617	16,460	22,033	15,606	8,867	6,500	4,000	4,269
1951	Above Normal	4,303	44,535	98,832	67,247	70,910	28,642	19,398	18,683	6,172	11,094	4,000	10,938
1952	Wet	6,563	10,313	36,093	82,417	73,282	62,682	75,653	73,707	37,018	11,785	5,995	19,375
1953	Wet	9,063	13,371	28,307	99,225	21,240	17,486	20,246	25,255	20,186	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,702	52,264	44,662	44,475	12,888	7,141	11,573	4,000	11,563
1955	Dry	6,250	10,313	13,736	17,224	9,063	7,967	12,318	10,657	6,707	5,030	4,085	3,000
1956	Wet	4,827	4,500	92,810	162,530	82,477	37,579	23,996	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,559	16,317	39,491	15,197	21,270	6,210	10,585	4,000	11,719
1958	Wet	5,938	10,313	17,288	39,398	150,476	116,136	104,437	53,930	29,873	8,000	5,306	18,750
1959	Below Normal	8,750	13,616	5,111	22,321	47,943	11,856	10,728	9,402	7,100	8,376	4,000	4,594
1960	Dry	4,000	4,500	4,500	9,421	28,661	16,872	12,292	8,729	6,875	5,097	4,345	3,939
1961	Dry	4,000	6,695	8,008	9,815	33,334	13,904	8,860	8,287	7,100	5,324	4,048	3,000
1962	Below Normal	4,934	4,500	11,492	6,000	57,262	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,014	5,497	23,297	16,149	75,167	23,748	98,338	30,011	8,740	10,382	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,944	9,487	7,831	9,904	9,356	7,543	5,000	3,952	3,667
1965	Wet	4,000	10,923	81,625	113,359	32,919	18,087	51,729	20,381	9,533	8,672	4,000	20,000
1966	Below Normal	7,813	15,469	6,985	24,816	20,917	18,141	15,839	9,952	6,422	8,382	4,000	4,214
1967	Wet	4,000	10,038	34,040	50,069	50,515	56,420	58,518	56,320	41,076	13,724	4,000	20,469
1968	Below Normal	7,500	13,849	5,174	21,818	58,545	30,277	11,483	10,741	6,250	8,723	4,000	3,613
1969	Wet	4,000	5,704	14,816	119,778	132,110	64,541	59,212	63,387	34,265	8,000	4,000	22,188
1970	Wet	7,031	14,641	46,615	207,434	75,447	36,364	14,486	13,717	7,681	10,858	4,000	18,438
1971	Wet	8,438	15,313	49,202	47,919	18,823	39,435	26,678	30,081	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,772	11,945	15,528	26,115	12,501	9,803	6,593	8,793	4,000	4,402
1973	Above Normal	4,000	11,966	21,389	80,077	86,530	54,702	20,054	18,923	9,383	8,503	4,000	11,719
1974	Wet	6,250	51,272	62,755	131,618	38,663	107,576	70,264	23,968	15,175	8,000	4,883	19,375
1975	Wet	7,969	14,573	5,373	9,606	55,500	84,561	27,612	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,049	7,101	7,990	9,716	8,748	4,000	4,385	4,236	3,708	3,056
1977	Critical	5,749	3,500	4,575	7,032	7,714	7,239	7,100	4,000	4,212	4,000	3,507	3,000
1978	Above Normal	4,015	3,500	11,539	67,167	51,540	69,260	48,155	25,141	12,947	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,957	21,745	34,084	27,107	19,579	19,724	8,067	6,500	4,013	3,360
1980	Above Normal	4,416	10,212	11,548	103,383	133,289	61,744	23,105	19,136	12,234	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,178	19,429	20,488	19,782	14,364	8,984	7,100	5,000	4,204	3,096
1982	Wet	4,000	28,061	88,444	75,225	99,592	82,034	140,278	47,097	19,992	8,000	4,000	19,375
1983	Wet	13,318	41,736	82,312	106,784	177,975	259,322	89,002	77,088	68,586	33,255	16,248	21,940
1984	Wet	10,671	80,808	156,648	63,522	36,588	34,640	18,464	13,729	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,049	12,162	10,075	11,382	11,601	13,723	9,983	6,719	5,000	4,049	4,457
1986	Wet	4,000	4,731	11,415	22,482	211,684	145,610	27,945	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,900	9,705	15,920	23,042	8,956	7,632	7,100	5,000	4,215	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,098	3,000
1989	Dry	3,873	4,273	5,749	7,859	8,636	48,549	20,006	10,915	5,938	5,233	3,907	4,340
1990	Critical	4,000	4,500	4,737	14,811	11,400	11,075	9,753	6,610	4,000	4,121	4,136	3,000
1991	Critical	3,493	3,500	4,328	6,689	7,773	33,979	10,568	5,145	4,000	4,364	4,365	3,000
1992	Critical	3,163	4,106	3,500	9,483	33,269	16,741	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,512	3,500	8,404	63,426	55,595	39,233	42,002	31,051	22,332	8,000	4,000	12,500
1994	Critical	6,250	10,625	4,977	9,033	19,477	7,968	10,336	7,657	4,168	4,278	4,295	3,000
1995	Wet	5,052	3,500	9,843	115,053	50,396	211,662	68,974	83,896	39,690	21,741	8,510	14,375
1996	Wet	11,563	12,570	19,544	47,677	123,134	68,106	47,199	48,551	10,734	8,000	4,000	21,250
1997	Wet	7,813	15,625	77,480	278,453	72,044	21,783	19,838	14,405	7,006	11,239	4,000	18,750
1998	Wet	7,813	15,313	9,561	48,182	220,804	81,419	64,477	58,962	73,263	27,877	11,571	18,905
1999	Wet	8,709	20,215	30,420	40,127	92,457	60,057	30,712	21,329	10,868	8,265	4,000	20,000
2000	Above Normal	7,500	15,398	4,620	21,690	109,501	63,179	22,644	18,774	6,226	10,395	4,000	11,719
2001	Dry	5,781	10,469	4,788	13,284	24,300	22,785	12,656	7,942	7,100	5,000	4,501	3,000
2002	Dry	4,000	5,742	27,922	48,728	14,232	17,163	16,823	12,982	4,967	5,000	4,515	3,416
2003	Above Normal	4,000	4,500	37,186	61,218	21,788	18,288	28,703	43,040	7,204	8,428	4,000	12,031

Simulated Delta Outflow (Node C406)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,237	12,796	38,495	27,416	29,791	56,029	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,285	28,784	15,652	9,650	28,857	17,892	6,919	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,288	9,613	6,604	4,000	4,000	4,064	4,703	3,000
1925	Dry	3,000	4,497	8,067	8,409	70,476	13,330	29,943	17,167	5,556	5,000	4,543	3,917
1926	Dry	4,000	4,500	4,500	14,259	44,634	12,758	27,638	9,923	5,469	5,083	3,761	3,000
1927	Wet	4,000	14,272	14,555	32,184	123,434	41,496	54,125	27,008	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,869	20,988	22,914	81,785	28,750	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,796	12,282	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,643	18,847	16,246	30,226	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,417	8,325	7,655	7,817	5,000	4,000	4,000	4,119	3,000
1932	Dry	3,000	3,500	14,351	17,213	14,904	10,469	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,833	7,720	13,492	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,483	3,500	8,810	14,671	14,289	10,625	9,673	7,031	7,100	4,000	3,349	3,000
1935	Below Normal	3,000	6,773	3,829	29,108	10,271	27,335	55,228	20,842	8,041	6,500	4,000	3,916
1936	Below Normal	4,000	4,500	4,500	40,907	78,388	32,398	28,631	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,253	45,359	48,196	28,773	18,373	11,113	6,500	4,000	3,000
1938	Wet	4,000	16,912	65,213	28,346	136,376	164,120	76,524	70,666	36,621	8,000	4,000	20,625
1939	Dry	7,500	13,789	5,020	7,070	8,210	10,245	9,673	9,325	5,763	5,055	3,682	3,000
1940	Above Normal	4,625	4,500	4,500	34,556	65,866	109,360	73,353	18,159	6,166	10,063	4,000	11,563
1941	Wet	5,938	10,625	36,739	97,185	115,348	89,313	79,271	47,730	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,648	78,170	136,384	23,908	56,686	40,549	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,965	76,907	54,843	84,645	34,707	19,206	7,461	10,439	4,000	19,531
1944	Dry	7,500	12,549	5,130	11,666	23,543	18,820	12,771	9,910	6,717	5,000	3,763	3,000
1945	Below Normal	4,000	6,194	12,070	9,410	51,675	22,550	17,405	15,017	7,008	6,548	4,018	3,896
1946	Below Normal	4,710	5,612	69,514	46,446	15,036	16,897	18,190	15,528	7,223	6,664	4,043	3,894
1947	Dry	4,000	4,500	8,728	7,766	14,293	20,430	12,661	7,518	7,100	5,000	4,433	3,802
1948	Below Normal	4,000	4,500	4,796	13,019	11,145	13,776	28,400	29,215	14,161	6,500	4,000	4,008
1949	Dry	4,000	4,500	6,775	7,613	8,978	46,182	14,315	11,700	6,753	5,000	4,332	4,214
1950	Below Normal	4,000	4,500	4,500	19,599	35,615	16,458	22,033	15,606	8,866	6,500	4,000	4,269
1951	Above Normal	4,303	44,506	96,646	65,855	70,536	28,640	19,398	18,683	6,172	11,093	4,000	10,938
1952	Wet	6,563	10,313	36,096	82,351	73,249	62,617	75,256	72,972	36,446	11,811	6,010	19,375
1953	Wet	9,063	13,371	26,885	99,757	21,218	17,467	20,245	25,249	20,178	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,813	52,282	44,288	44,476	12,884	7,134	11,579	4,000	11,563
1955	Dry	6,250	10,313	13,735	17,223	9,063	7,966	12,317	10,657	6,707	5,031	4,084	3,000
1956	Wet	4,920	4,500	92,020	158,885	81,614	37,506	23,995	45,772	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,557	16,315	39,483	15,197	21,268	6,210	10,586	4,000	11,719
1958	Wet	5,938	10,313	17,286	39,397	150,475	116,135	104,114	53,928	29,871	8,000	5,304	18,750
1959	Below Normal	8,750	13,616	5,111	21,194	47,638	11,851	10,728	9,403	7,100	8,376	4,000	4,630
1960	Dry	4,000	4,500	4,500	9,417	28,658	16,869	12,292	8,730	6,875	5,097	4,345	3,937
1961	Dry	4,000	6,695	7,915	9,818	33,332	13,903	8,860	8,287	7,100	5,329	4,042	3,000
1962	Below Normal	4,937	4,500	11,479	6,000	57,248	20,045	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,007	5,496	23,296	16,148	75,171	23,747	98,337	30,010	8,740	10,383	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,945	9,487	7,830	9,905	9,355	7,543	5,000	3,953	3,668
1965	Wet	4,000	10,922	81,617	113,352	32,918	18,087	51,734	20,381	9,532	8,673	4,000	20,000
1966	Below Normal	7,813	15,469	6,986	24,814	20,915	18,249	15,859	9,951	6,422	8,390	4,000	4,211
1967	Wet	4,000	10,031	34,022	50,068	50,513	56,421	58,037	55,805	40,248	11,892	4,000	20,625
1968	Below Normal	7,500	13,849	5,174	21,727	56,477	30,312	11,482	10,741	6,250	8,720	4,000	3,613
1969	Wet	4,000	5,704	14,814	118,973	127,964	62,210	58,538	59,390	33,070	8,000	4,000	21,875
1970	Wet	7,188	14,641	46,469	207,428	75,447	36,340	14,486	13,717	7,684	10,855	4,000	18,594
1971	Wet	8,438	15,313	49,143	47,919	18,822	39,123	26,677	30,079	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,771	11,944	15,528	26,114	12,501	9,802	6,593	8,793	4,000	4,403
1973	Above Normal	4,000	11,960	21,387	80,077	86,528	54,702	20,054	18,923	9,383	8,497	4,000	11,719
1974	Wet	6,250	50,903	62,754	131,415	38,662	107,575	70,263	23,967	15,174	8,000	4,882	19,375
1975	Wet	7,969	14,573	5,373	9,603	55,524	84,624	27,610	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,050	7,101	7,990	9,716	8,748	4,000	4,385	4,232	3,714	3,055
1977	Critical	5,748	3,500	4,575	7,035	7,714	7,239	7,100	4,000	4,210	4,000	3,528	3,000
1978	Above Normal	3,987	3,500	11,546	67,165	50,687	68,687	47,219	23,549	12,471	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,500	21,798	33,567	27,044	19,623	19,723	8,067	6,500	4,000	3,359
1980	Above Normal	4,219	7,896	11,587	104,078	131,323	60,786	23,103	19,133	12,233	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,189	19,426	20,475	20,298	14,360	8,980	7,100	5,000	4,236	3,135
1982	Wet	4,000	27,507	88,835	75,221	99,591	81,875	137,712	45,308	19,992	8,000	4,000	19,375
1983	Wet	13,309	40,715	78,975	103,355	176,416	257,383	88,001	77,794	69,082	33,231	16,247	21,939
1984	Wet	10,670	80,624	155,222	63,500	36,875	34,716	18,463	13,728	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,045	12,161	10,074	11,382	11,600	13,723	9,983	6,719	5,000	4,050	4,457
1986	Wet	4,000	4,731	11,414	22,481	210,009	140,877	27,944	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,898	9,708	15,920	23,042	8,956	7,632	7,100	5,000	4,168	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,095	3,000
1989	Dry	3,869	4,276	5,740	7,852	8,636	48,554	20,007	10,915	5,938	5,233	3,889	4,298
1990	Critical	4,000	4,500	4,745	14,810	11,400	11,074	9,753	6,610	4,000	4,121	4,427	3,000
1991	Critical	3,544	3,500	4,347	6,727	7,787	33,992	10,581	5,158	4,000	4,363	4,357	3,000
1992	Critical	3,174	4,077	3,500	9,525	33,266	16,738	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,506	3,500	8,403	63,424	55,592	39,237	42,006	30,959	22,352	8,000	4,000	12,500
1994	Critical	6,250	10,625	5,009	9,027	19,475	7,967	10,337	7,658	4,170	4,283	4,285	3,000
1995	Wet	5,064	3,500	9,834	114,966	50,362	209,960	67,867	86,735	39,564	19,662	8,515	14,375
1996	Wet	11,563	12,570	19,167	47,550	121,174	68,062	47,191	48,547	10,733	8,000	4,000	21,250
1997	Wet	7,813	15,625	75,683	272,022	70,795	21,781	19,838	14,405	6,901	11,311	4,000	18,750
1998	Wet	7,813	15,313	9,562	48,199	219,346	80,901	63,724	58,389	70,633	24,314	11,569	18,903
1999	Wet	8,771	20,213	30,419	40,126	92,456	60,056	30,711	21,328	10,885	8,255	4,000	20,000
2000	Above Normal	7,500	15,398	4,622	21,685	109,369	63,135	22,644	18,774	6,226	10,390	4,000	11,719
2001	Dry	5,781	10,469	4,764	13,281	24,298	22,783	12,656	7,942	7,100	5,000	4,512	3,000
2002	Dry	4,000	5,737	27,921	48,724	14,232	17,161	16,823	12,982	4,967	5,000	4,501	3,451
2003	Above Normal	4,000	4,500	37,132	61,204	21,787	18,287	28,702	43,039	7,204	8,428	4,000	12,031

Change in Simulated Delta Outflow (Node C406)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	2	-5	0	-1	0	0	0	0
1923	Below Normal	0	0	-2	-92	0	1	-8	1	1	0	0	0
1924	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1925	Dry	0	-2	-2	-4	-4	-3	-3	0	0	0	2	1
1926	Dry	0	0	0	-2	-8	0	-2	0	0	0	0	0
1927	Wet	0	-4	-4	-3	-21	-2	-2	-2	0	0	0	0
1928	Above Normal	0	0	-2	-2	-2	-13	-2	0	0	0	0	0
1929	Critical	0	0	-1	-2	-2	0	0	0	0	0	0	0
1930	Dry	0	0	-2	-3	-2	-1	0	0	0	0	1	0
1931	Critical	0	0	0	-2	-2	-1	0	0	0	0	-1	0
1932	Dry	0	0	-7	-6	-3	77	0	0	0	0	0	0
1933	Critical	0	0	0	-4	-4	-3	0	0	0	0	0	0
1934	Critical	-3	0	-2,394	-11	-10	0	0	0	0	0	66	0
1935	Below Normal	0	-21	-8	-7	-5	-6	-3	-1	0	0	0	1
1936	Below Normal	0	0	0	-19	277	-8	-5	0	0	0	0	0
1937	Below Normal	0	0	0	-5	-819	-1,341	-847	-605	73	0	0	0
1938	Wet	0	-77	-4	-58	-1,823	-2,721	-2,416	2,699	-1,115	0	0	0
1939	Dry	0	0	55	-10	0	8	0	7	33	-1	-35	0
1940	Above Normal	-220	0	0	34	135	24	-9	0	0	-12	0	0
1941	Wet	0	0	520	17	-1,157	-3	-1	-2	0	0	0	0
1942	Wet	0	0	-85	0	-79	-1	-2	-2	0	0	0	0
1943	Wet	0	0	5	-360	23	-1,475	0	3	0	-150	0	156
1944	Dry	0	0	0	-4	-3	-2	0	0	0	0	-1	0
1945	Below Normal	0	0	0	0	-510	-2	1	1	0	0	0	14
1946	Below Normal	-10	92	-6	3	0	-1	2	-112	177	-107	43	69
1947	Dry	0	0	-5	0	-49	-146	4	4	0	0	11	-3
1948	Below Normal	0	0	-5	-2	0	-2	0	1	-25	0	0	0
1949	Dry	0	-38	45	-1	-1	-3	1	1	0	0	-2	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-28	-2,186	-1,391	-374	-2	0	0	0	-1	0	0
1952	Wet	0	0	3	-67	-33	-65	-396	-735	-573	26	15	0
1953	Wet	0	0	-1,422	533	-22	-19	-1	-6	-8	0	0	0
1954	Above Normal	0	0	0	111	18	-374	1	-3	-7	7	0	0
1955	Dry	0	0	-1	0	0	-1	0	-1	0	0	-1	0
1956	Wet	93	0	-790	-3,644	-863	-73	-1	-1	0	0	0	0
1957	Above Normal	0	0	0	-2	-2	-8	0	-2	0	0	0	0
1958	Wet	0	0	-2	-2	-1	-1	-323	-2	-2	0	-2	0
1959	Below Normal	0	0	0	-1,127	-305	-6	0	0	0	-1	0	36
1960	Dry	0	0	0	-4	-3	-3	0	1	0	0	0	-2
1961	Dry	0	0	-93	3	-3	-1	0	0	0	5	-5	0
1962	Below Normal	3	0	-12	0	-14	-1	0	0	0	1	0	0
1963	Wet	-7	-1	-1	-1	3	-1	-1	-1	0	0	0	0
1964	Dry	0	0	0	0	0	-1	1	0	0	0	0	1
1965	Wet	0	-2	-8	-7	-1	0	5	0	0	1	0	0
1966	Below Normal	0	0	1	-2	-1	108	21	0	0	8	0	-2
1967	Wet	0	-7	-18	-2	-2	0	-481	-515	-828	-1,832	0	156
1968	Below Normal	0	0	0	-91	-2,068	35	0	0	0	-3	0	0
1969	Wet	0	1	-2	-805	-4,146	-2,331	-675	-3,997	-1,195	0	0	-313
1970	Wet	156	0	-146	-6	0	-24	0	0	3	-3	0	156
1971	Wet	0	0	-59	0	-1	-312	0	-2	-1	0	0	0
1972	Below Normal	0	0	-1	-1	0	0	-1	-1	0	-1	0	1
1973	Above Normal	0	-5	-1	-1	-2	0	0	0	0	-6	0	0
1974	Wet	0	-368	-2	-202	-1	-1	-1	-1	-1	0	-1	0
1975	Wet	0	0	0	-3	24	63	-2	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-5	5	-1
1977	Critical	-1	0	-1	3	0	0	0	0	-1	0	21	0
1978	Above Normal	-28	0	7	-2	-853	-574	-936	-1,591	-476	0	0	0
1979	Below Normal	0	0	-457	53	-516	-63	44	-1	0	0	-13	-1
1980	Above Normal	-198	-2,316	38	695	-1,967	-958	-2	-3	-1	0	0	0
1981	Dry	0	0	11	-4	-13	516	-4	-5	0	0	32	39
1982	Wet	0	-554	391	-4	0	-159	-2,565	-1,789	0	0	0	0
1983	Wet	-10	-1,022	-3,337	-3,430	-1,559	-1,939	-1,001	706	496	-24	-1	-1
1984	Wet	-1	-183	-1,426	-22	288	75	-1	0	0	-1	0	0
1985	Dry	0	-4	-1	-1	-1	-1	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	-1,676	-4,733	-1	0	0	0	0	0
1987	Dry	0	0	-2	3	1	0	0	0	0	0	-47	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	-3	0
1989	Dry	-4	3	-9	-7	0	5	1	0	0	0	-18	-41
1990	Critical	0	0	8	-1	0	-1	0	0	0	0	291	0
1991	Critical	51	0	20	37	14	13	13	13	0	-1	-8	0
1992	Critical	11	-28	0	42	-3	-3	0	0	0	0	0	0
1993	Above Normal	-6	0	-2	-2	-3	4	4	-92	19	0	0	0
1994	Critical	0	0	32	-5	-2	-1	0	1	2	5	-11	0
1995	Wet	11	0	-9	-87	-35	-1,702	-1,107	2,839	-126	-2,079	5	0
1996	Wet	0	0	-377	-127	-1,959	-44	-8	-4	-1	0	0	0
1997	Wet	0	0	-1,797	-6,432	-1,249	-2	0	0	-105	71	0	0
1998	Wet	0	0	0	17	-1,458	-518	-754	-573	-2,630	-3,563	-2	-2
1999	Wet	62	-2	-2	-2	-2	-2	-2	-1	17	-11	0	0
2000	Above Normal	0	0	2	-5	-132	-44	0	0	0	-5	0	0
2001	Dry	0	0	-24	-3	-1	-1	0	0	0	0	11	0
2002	Dry	0	-5	-2	-4	0	-1	0	0	0	0	-14	35
2003	Above Normal	0	0	-55	-14	-1	-1	-1	-1	0	1	0	0

Percent Change in Simulated Delta Outflow (Node C406)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-21%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	-3%	-3%	-3%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	-1%	-2%	-3%	4%	-3%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%	-1%	0%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	-1%	3%	-2%	1%	2%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1953	Wet	0%	0%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	2%	0%	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-13%	0%	1%
1968	Below Normal	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-1%	-3%	-4%	-1%	-6%	-3%	0%	0%	-1%
1970	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1978	Above Normal	-1%	0%	0%	0%	-2%	-1%	-2%	-6%	-4%	0%	0%	0%
1979	Below Normal	0%	0%	-9%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	-23%	0%	1%	-1%	-2%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	0%	-2%	0%	0%	0%	0%	-2%	-4%	0%	0%	0%	0%
1983	Wet	0%	-2%	-4%	-3%	-1%	-1%	-1%	1%	1%	0%	0%	0%
1984	Wet	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1991	Critical	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	-2%	3%	0%	-10%	0%	0%
1996	Wet	0%	0%	-2%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	-2%	-2%	-2%	0%	0%	0%	-2%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-4%	-13%	0%	0%
1999	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	215	233	292	360	439	424	196	276	524	503	342	292
1923	Above Normal	303	333	413	439	439	441	392	468	430	347	229	211
1924	Critical	235	261	275	287	271	273	314	316	233	159	134	159
1925	Below Normal	160	177	207	239	313	292	293	365	360	283	191	182
1926	Dry	207	226	247	262	294	295	382	496	433	277	171	176
1927	Above Normal	180	219	267	307	423	438	349	442	490	402	255	213
1928	Below Normal	233	309	348	378	387	438	450	515	436	277	183	183
1929	Critical	165	158	166	174	168	145	161	244	228	171	142	176
1930	Critical	153	135	138	149	163	147	213	222	239	168	140	175
1931	Critical	158	148	153	162	166	133	184	205	162	131	131	151
1932	Above Normal	155	153	216	287	439	441	325	356	473	424	268	220
1933	Dry	231	255	268	292	282	278	264	193	258	227	164	181
1934	Critical	183	179	213	253	276	314	402	382	284	188	158	169
1935	Above Normal	160	167	195	253	314	281	242	374	508	388	243	209
1936	Above Normal	227	258	275	311	439	479	448	523	501	380	242	205
1937	Wet	213	235	268	300	439	479	358	524	524	421	265	220
1938	Wet	238	266	428	439	429	479	362	307	524	524	422	346
1939	Dry	357	374	394	434	439	478	523	505	387	251	158	168
1940	Above Normal	183	177	179	294	387	449	389	523	504	336	180	156
1941	Wet	166	188	274	383	439	479	348	364	463	475	324	243
1942	Wet	247	271	351	439	439	466	402	354	466	442	287	229
1943	Wet	241	295	336	412	439	479	456	523	496	379	244	210
1944	Below Normal	217	243	262	289	301	310	260	323	319	251	177	184
1945	Above Normal	199	246	299	338	439	458	346	416	470	406	265	226
1946	Above Normal	273	354	439	439	439	453	417	524	494	360	225	201
1947	Dry	226	296	379	424	439	466	456	521	417	266	172	180
1948	Below Normal	177	178	184	193	185	131	136	225	292	216	165	189
1949	Below Normal	194	192	210	227	236	211	239	336	355	234	160	176
1950	Below Normal	193	202	218	256	320	298	338	410	398	278	175	181
1951	Above Normal	202	357	381	439	439	456	378	380	347	256	178	184
1952	Wet	192	198	261	398	439	397	291	485	524	521	408	343
1953	Below Normal	336	341	373	439	439	442	415	369	314	269	187	189
1954	Below Normal	189	191	204	230	264	275	316	440	410	294	191	178
1955	Dry	192	206	236	273	299	284	240	258	316	226	165	179
1956	Wet	181	180	351	351	439	479	392	388	446	412	289	240
1957	Below Normal	265	294	312	344	367	364	293	302	369	282	188	188
1958	Wet	206	220	261	298	378	426	348	474	524	502	371	313
1959	Dry	310	317	323	359	407	475	523	497	400	254	147	178
1960	Critical	179	170	169	176	200	189	274	308	272	185	155	172
1961	Critical	153	151	176	188	198	166	230	235	198	136	136	161
1962	Below Normal	167	175	205	234	401	367	320	393	466	389	249	214
1963	Above Normal	233	259	270	304	439	452	325	341	424	379	252	222
1964	Dry	243	315	355	383	371	369	358	357	315	210	161	175
1965	Wet	161	176	299	439	439	417	286	298	326	289	240	220
1966	Below Normal	236	339	412	439	439	478	520	523	425	261	157	163
1967	Wet	151	162	367	439	439	399	292	326	524	524	444	363
1968	Dry	302	290	299	323	306	351	405	435	354	219	167	187
1969	Wet	167	179	223	351	372	326	191	375	524	524	445	354
1970	Above Normal	318	320	344	439	439	479	415	426	414	290	200	197
1971	Below Normal	197	219	288	353	386	376	336	339	323	240	172	186
1972	Dry	201	218	272	308	332	386	354	359	319	199	133	176
1973	Above Normal	175	189	227	294	385	379	257	493	524	398	254	216
1974	Wet	243	336	426	439	439	479	424	478	495	377	246	209
1975	Wet	229	262	294	329	365	395	239	319	496	390	240	212
1976	Critical	256	302	327	342	339	370	391	380	269	162	132	176
1977	Critical	182	182	194	211	217	219	240	213	181	141	131	152
1978	Wet	152	152	230	388	439	479	393	413	524	524	434	439
1979	Above Normal	393	391	400	439	439	479	438	523	509	363	228	200
1980	Wet	222	262	291	380	405	479	475	452	461	524	416	349
1981	Dry	354	368	388	422	437	462	465	512	432	268	177	184
1982	Wet	178	230	286	392	439	447	524	524	524	523	440	440
1983	Wet	439	432	418	412	439	475	228	131	524	524	515	456
1984	Above Normal	406	437	407	439	439	478	385	440	401	296	209	207
1985	Dry	231	283	324	360	375	380	434	487	396	252	159	179
1986	Wet	182	202	262	341	393	479	421	491	524	456	313	273
1987	Critical	301	322	335	359	362	389	443	457	356	205	140	152
1988	Critical	135	139	157	205	224	219	277	295	251	174	149	172
1989	Critical	154	143	156	170	186	209	320	363	304	196	156	179
1990	Critical	175	173	184	201	213	207	297	287	230	171	152	166
1991	Critical	152	140	142	143	136	146	152	193	240	175	143	184
1992	Critical	170	168	183	201	244	239	343	388	287	194	158	173
1993	Wet	158	151	175	347	439	479	313	387	450	437	291	236
1994	Critical	252	270	289	317	321	356	392	409	349	229	156	172
1995	Wet	195	219	259	439	439	479	333	288	524	524	489	385
1996	Wet	293	270	286	337	434	479	371	488	490	381	246	211
1997	Wet	226	325	429	351	422	479	447	523	432	290	159	150
1998	Wet	170	204	239	334	439	479	440	350	524	524	452	363
1999	Above Normal	308	309	330	380	392	419	364	423	449	312	204	198
2000	Above Normal	213	225	238	306	382	439	407	519	519	360	226	199
2001	Dry	219	246	262	285	289	332	341	449	379	241	164	177
2002	Dry	167	171	222	276	304	288	353	404	375	260	168	173
2003	Below Normal	166	212	250	303	339	327	273	331	399	269	182	182

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1923	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1924	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1925	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1926	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1927	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1928	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1929	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1930	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1931	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1932	Above Normal	340	340	340	340	344	340	340	340	340	340	340	340
1933	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1934	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1935	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1936	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1937	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1938	Wet	340	340	340	340	340	340	340	340	449	449	340	340
1939	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1940	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1941	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1942	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1943	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1944	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1945	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1946	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1947	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1948	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1949	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1950	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1951	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1952	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1953	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1954	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1955	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1956	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1957	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1958	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1959	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1960	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1961	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1962	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1963	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1964	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1965	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1966	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1967	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1968	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1969	Wet	340	340	340	341	340	340	340	340	449	449	340	340
1970	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1971	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1972	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1973	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1974	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1975	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1976	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1977	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1978	Wet	340	340	340	344	348	340	340	340	340	340	340	340
1979	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1980	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1981	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1982	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1983	Wet	340	340	343	340	340	404	340	340	449	449	419	341
1984	Above Normal	340	362	340	364	359	395	340	340	340	340	340	340
1985	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1986	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1987	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1988	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1989	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1990	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1991	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1992	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1993	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1994	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1995	Wet	340	340	340	340	340	340	340	340	340	449	393	340
1996	Wet	340	340	340	340	340	350	340	401	397	340	340	340
1997	Wet	340	340	340	340	347	404	366	445	340	340	340	340
1998	Wet	340	340	340	340	340	340	340	340	340	449	340	340
1999	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2000	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2001	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2002	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2003	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340

Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	125	107	48	-19	-99	-84	144	64	-184	-163	-2	48
1923	Above Normal	37	7	-73	-99	-99	-101	-52	-128	-90	-7	111	129
1924	Critical	105	79	66	53	70	67	26	24	108	181	206	181
1925	Below Normal	180	163	133	101	27	48	47	-25	-19	57	149	158
1926	Dry	133	114	93	78	46	45	-42	-156	-93	63	170	164
1927	Above Normal	160	121	73	33	-83	-98	-9	-102	-150	-62	85	127
1928	Below Normal	107	31	-8	-38	-47	-98	-110	-175	-96	63	157	157
1929	Critical	175	182	174	167	172	195	179	96	113	169	198	164
1930	Critical	187	205	203	191	177	193	127	119	102	172	200	165
1931	Critical	182	192	187	178	174	207	156	135	178	209	209	189
1932	Above Normal	185	187	124	53	-95	-101	15	-16	-133	-84	72	120
1933	Dry	109	85	72	48	58	62	76	147	82	113	176	159
1934	Critical	157	161	127	88	64	26	-62	-42	56	152	182	171
1935	Above Normal	180	173	145	87	26	59	99	-34	-168	-47	97	131
1936	Above Normal	113	82	65	29	-99	-138	-108	-183	-161	-40	99	135
1937	Wet	127	105	72	40	-99	-138	-17	-184	-184	-81	75	120
1938	Wet	102	74	-88	-99	-89	-138	-22	33	-75	-75	-82	-6
1939	Dry	-17	-34	-54	-94	-99	-138	-183	-165	-47	89	182	172
1940	Above Normal	157	163	161	46	-46	-109	-49	-183	-164	5	160	184
1941	Wet	174	152	66	-43	-99	-138	-8	-24	-123	-135	16	97
1942	Wet	94	69	-11	-99	-99	-125	-62	-14	-126	-101	53	111
1943	Wet	99	46	4	-72	-99	-138	-116	-183	-156	-38	96	130
1944	Below Normal	123	97	78	51	39	30	80	17	21	89	163	156
1945	Above Normal	141	94	41	2	-99	-118	-6	-76	-130	-66	75	114
1946	Above Normal	68	-14	-99	-99	-99	-113	-77	-183	-154	-19	116	139
1947	Dry	114	44	-39	-84	-99	-126	-116	-181	-77	74	168	160
1948	Below Normal	163	163	156	147	155	209	204	115	48	124	175	151
1949	Below Normal	146	148	130	113	104	129	101	5	-15	106	180	164
1950	Below Normal	147	139	122	84	20	42	2	-70	-58	62	166	159
1951	Above Normal	138	-17	-41	-99	-99	-115	-38	-40	-7	85	162	156
1952	Wet	148	142	79	-57	-99	-56	49	-145	-184	-181	-68	-3
1953	Below Normal	4	0	-32	-99	-99	-101	-75	-29	26	71	153	151
1954	Below Normal	151	149	136	110	76	65	25	-100	-70	46	149	162
1955	Dry	148	134	104	67	41	56	100	82	25	114	175	161
1956	Wet	159	160	-10	-10	-99	-138	-52	-48	-106	-72	51	100
1957	Below Normal	75	46	28	-4	-27	-24	48	38	-29	58	152	152
1958	Wet	134	120	79	42	-38	-85	-8	-134	-184	-161	-31	27
1959	Dry	30	24	17	-19	-67	-135	-183	-157	-60	86	193	162
1960	Critical	161	171	171	164	140	151	66	32	69	155	185	168
1961	Critical	187	189	164	153	142	174	110	105	142	204	204	179
1962	Below Normal	173	165	135	107	-60	-27	20	-53	-126	-49	91	126
1963	Above Normal	107	81	71	36	-99	-112	15	-1	-84	-39	88	118
1964	Dry	97	25	-15	-43	-31	-29	-18	-17	25	130	180	165
1965	Wet	179	164	42	-99	-99	-77	54	42	14	51	100	120
1966	Below Normal	104	2	-72	-99	-99	-138	-180	-183	-85	79	183	177
1967	Wet	189	179	-27	-99	-99	-59	48	14	-184	-184	-104	-23
1968	Dry	38	50	42	17	34	-11	-65	-95	-14	121	174	153
1969	Wet	174	161	117	-9	-32	14	149	-35	-75	-75	-105	-14
1970	Above Normal	22	20	-4	-99	-99	-138	-75	-86	-74	50	140	143
1971	Below Normal	143	121	52	-13	-46	-36	5	1	17	100	168	154
1972	Dry	139	122	68	32	8	-46	-14	-19	21	141	207	164
1973	Above Normal	166	151	113	46	-45	-39	83	-153	-184	-58	86	124
1974	Wet	97	4	-86	-99	-99	-138	-84	-138	-155	-37	94	131
1975	Wet	111	79	46	11	-25	-55	102	21	-156	-50	100	128
1976	Critical	84	38	13	-2	1	-30	-51	-39	71	178	208	164
1977	Critical	158	159	146	129	123	121	100	127	159	199	209	188
1978	Wet	188	188	110	-44	-91	-138	-53	-73	-184	-184	-94	-99
1979	Above Normal	-53	-51	-60	-99	-99	-138	-98	-183	-169	-23	112	140
1980	Wet	118	78	49	-40	-65	-138	-135	-112	-121	-184	-76	-8
1981	Dry	-14	-28	-48	-82	-96	-122	-125	-172	-92	72	163	156
1982	Wet	162	110	54	-52	-98	-107	-184	-184	-184	-183	-100	-100
1983	Wet	-99	-92	-75	-72	-99	-71	112	209	-75	-75	-96	-114
1984	Above Normal	-66	-75	-67	-75	-80	-83	-45	-99	-61	44	131	133
1985	Dry	109	57	16	-19	-35	-40	-94	-147	-56	88	181	161
1986	Wet	158	138	79	-1	-53	-138	-81	-151	-184	-116	27	67
1987	Critical	39	18	5	-18	-22	-49	-103	-117	-16	135	200	188
1988	Critical	205	202	183	135	116	121	63	45	89	166	191	168
1989	Critical	186	197	185	170	154	131	20	-22	36	144	185	161
1990	Critical	165	167	156	139	127	133	43	53	110	169	188	174
1991	Critical	188	200	198	197	204	194	188	147	101	166	197	156
1992	Critical	170	172	157	139	96	102	-3	-48	53	146	182	167
1993	Wet	182	189	165	-7	-99	-138	27	-47	-110	-97	49	104
1994	Critical	88	71	51	23	19	-16	-52	-69	-8	111	184	169
1995	Wet	145	121	81	-99	-99	-138	7	52	-184	-75	-96	-45
1996	Wet	47	70	54	3	-94	-129	-30	-86	-93	-41	94	129
1997	Wet	115	15	-89	-10	-75	-75	-81	-77	-92	50	181	190
1998	Wet	170	136	101	6	-99	-138	-100	-10	-184	-75	-112	-23
1999	Above Normal	32	31	10	-40	-52	-79	-24	-83	-109	28	136	142
2000	Above Normal	128	116	102	34	-42	-99	-67	-179	-179	-20	115	141
2001	Dry	121	94	78	55	51	8	-1	-109	-39	99	177	163
2002	Dry	173	169	118	64	36	52	-13	-64	-35	80	172	167
2003	Below Normal	174	129	90	37	2	13	67	9	-59	71	158	158

Percent Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	58%	46%	16%	-5%	-23%	-20%	73%	23%	-35%	-32%	-1%	17%
1923	Above Normal	12%	2%	-18%	-23%	-23%	-23%	-13%	-27%	-21%	-2%	48%	61%
1924	Critical	45%	30%	24%	19%	26%	25%	8%	8%	46%	114%	154%	113%
1925	Below Normal	113%	92%	64%	42%	9%	17%	16%	-7%	-5%	20%	78%	86%
1926	Dry	64%	50%	38%	30%	16%	15%	-11%	-32%	-21%	23%	99%	93%
1927	Above Normal	89%	55%	27%	11%	-20%	-22%	-2%	-23%	-31%	-15%	33%	60%
1928	Below Normal	46%	10%	-2%	-10%	-12%	-22%	-24%	-34%	-22%	23%	85%	86%
1929	Critical	106%	115%	105%	96%	102%	134%	111%	39%	49%	99%	139%	93%
1930	Critical	122%	152%	147%	129%	108%	132%	60%	53%	43%	102%	143%	94%
1931	Critical	115%	129%	122%	110%	105%	156%	85%	66%	110%	160%	160%	125%
1932	Above Normal	119%	122%	58%	19%	-22%	-23%	5%	-5%	-28%	-20%	27%	55%
1933	Dry	47%	33%	27%	17%	20%	22%	29%	76%	32%	50%	107%	88%
1934	Critical	86%	90%	60%	35%	23%	8%	-15%	-11%	20%	81%	116%	101%
1935	Above Normal	113%	103%	75%	34%	8%	21%	41%	-9%	-33%	-12%	40%	62%
1936	Above Normal	50%	32%	24%	9%	-23%	-29%	-24%	-35%	-32%	-10%	41%	66%
1937	Wet	60%	45%	27%	13%	-23%	-29%	-5%	-35%	-35%	-19%	28%	54%
1938	Wet	43%	28%	-21%	-23%	-21%	-29%	-6%	11%	-14%	-14%	-19%	-2%
1939	Dry	-5%	-9%	-14%	-22%	-23%	-29%	-35%	-33%	-12%	36%	116%	102%
1940	Above Normal	86%	92%	90%	16%	-12%	-24%	-13%	-35%	-32%	1%	89%	117%
1941	Wet	104%	80%	24%	-11%	-23%	-29%	-2%	-7%	-27%	-28%	5%	40%
1942	Wet	38%	26%	-3%	-23%	-23%	-27%	-15%	-4%	-27%	-23%	19%	49%
1943	Wet	41%	15%	1%	-18%	-23%	-29%	-25%	-35%	-31%	-10%	40%	62%
1944	Below Normal	57%	40%	30%	18%	13%	10%	31%	5%	6%	35%	92%	84%
1945	Above Normal	71%	38%	14%	0%	-23%	-26%	-2%	-18%	-28%	-16%	28%	51%
1946	Above Normal	25%	-4%	-23%	-23%	-23%	-25%	-18%	-35%	-31%	-5%	51%	69%
1947	Dry	50%	15%	-10%	-20%	-23%	-27%	-25%	-35%	-19%	28%	98%	89%
1948	Below Normal	92%	92%	85%	76%	84%	160%	150%	51%	16%	57%	106%	80%
1949	Below Normal	75%	77%	62%	50%	44%	61%	42%	1%	-4%	45%	113%	93%
1950	Below Normal	76%	69%	56%	33%	6%	14%	1%	-17%	-15%	22%	95%	88%
1951	Above Normal	68%	-5%	-11%	-23%	-23%	-25%	-10%	-11%	-2%	33%	91%	85%
1952	Wet	77%	72%	30%	-14%	-23%	-14%	17%	-30%	-35%	-35%	-17%	-1%
1953	Below Normal	1%	0%	-9%	-23%	-23%	-23%	-18%	-8%	8%	26%	82%	80%
1954	Below Normal	80%	78%	67%	48%	29%	24%	8%	-23%	-17%	16%	78%	91%
1955	Dry	77%	65%	44%	25%	14%	20%	42%	32%	8%	50%	107%	89%
1956	Wet	88%	89%	-3%	-3%	-23%	-29%	-13%	-12%	-24%	-17%	18%	42%
1957	Below Normal	28%	16%	9%	-1%	-7%	-7%	16%	13%	-8%	21%	81%	81%
1958	Wet	65%	55%	30%	14%	-10%	-20%	-2%	-28%	-35%	-32%	-8%	9%
1959	Dry	10%	7%	5%	-5%	-16%	-28%	-35%	-32%	-15%	34%	131%	91%
1960	Critical	89%	101%	101%	93%	70%	80%	24%	10%	25%	84%	119%	98%
1961	Critical	122%	125%	93%	81%	71%	105%	48%	45%	72%	150%	151%	111%
1962	Below Normal	104%	94%	66%	46%	-15%	-7%	6%	-14%	-27%	-13%	36%	59%
1963	Above Normal	46%	31%	26%	12%	-23%	-25%	5%	0%	-20%	-10%	35%	53%
1964	Dry	40%	8%	-4%	-11%	-8%	-8%	-5%	-5%	8%	62%	112%	95%
1965	Wet	111%	93%	14%	-23%	-23%	-19%	19%	14%	4%	18%	41%	54%
1966	Below Normal	44%	0%	-17%	-23%	-23%	-29%	-35%	-35%	-20%	30%	117%	108%
1967	Wet	125%	110%	-7%	-23%	-23%	-15%	17%	4%	-35%	-35%	-23%	-6%
1968	Dry	13%	17%	14%	5%	11%	-3%	-16%	-22%	-4%	55%	104%	82%
1969	Wet	104%	90%	52%	-3%	-9%	4%	78%	-9%	-14%	-14%	-24%	-4%
1970	Above Normal	7%	6%	-1%	-23%	-23%	-29%	-18%	-20%	-18%	17%	70%	73%
1971	Below Normal	72%	55%	18%	-4%	-12%	-9%	1%	0%	5%	42%	98%	83%
1972	Dry	69%	56%	25%	10%	2%	-12%	-4%	-5%	7%	71%	156%	93%
1973	Above Normal	95%	80%	50%	16%	-12%	-10%	32%	-31%	-35%	-15%	34%	57%
1974	Wet	40%	1%	-20%	-23%	-23%	-29%	-20%	-29%	-31%	-10%	38%	63%
1975	Wet	49%	30%	16%	3%	-7%	-14%	43%	7%	-32%	-13%	42%	61%
1976	Critical	33%	13%	4%	-1%	0%	-8%	-13%	-10%	26%	110%	157%	93%
1977	Critical	87%	87%	76%	61%	57%	55%	42%	59%	88%	141%	160%	124%
1978	Wet	124%	123%	48%	-11%	-21%	-29%	-13%	-18%	-35%	-35%	-22%	-23%
1979	Above Normal	-14%	-13%	-15%	-23%	-23%	-29%	-22%	-35%	-33%	-6%	49%	70%
1980	Wet	53%	30%	17%	-10%	-16%	-29%	-28%	-25%	-26%	-35%	-18%	-2%
1981	Dry	-4%	-8%	-12%	-19%	-22%	-26%	-27%	-34%	-21%	27%	92%	85%
1982	Wet	91%	48%	19%	-13%	-22%	-24%	-35%	-35%	-35%	-35%	-23%	-23%
1983	Wet	-23%	-21%	-18%	-18%	-23%	-15%	49%	160%	-14%	-14%	-19%	-25%
1984	Above Normal	-16%	-17%	-16%	-17%	-18%	-17%	-12%	-23%	-15%	15%	63%	65%
1985	Dry	47%	20%	5%	-5%	-9%	-11%	-22%	-30%	-14%	35%	113%	90%
1986	Wet	87%	68%	30%	0%	-13%	-29%	-19%	-31%	-35%	-25%	9%	24%
1987	Critical	13%	6%	2%	-5%	-6%	-13%	-23%	-26%	-4%	66%	143%	124%
1988	Critical	152%	145%	117%	66%	52%	55%	23%	15%	35%	96%	128%	97%
1989	Critical	120%	138%	119%	100%	83%	63%	6%	-6%	12%	73%	119%	90%
1990	Critical	94%	97%	85%	69%	60%	65%	14%	18%	48%	98%	124%	104%
1991	Critical	123%	142%	140%	137%	150%	133%	123%	76%	42%	95%	138%	85%
1992	Critical	100%	102%	85%	69%	39%	43%	-1%	-12%	19%	75%	115%	96%
1993	Wet	116%	126%	95%	-2%	-23%	-29%	9%	-12%	-24%	-22%	17%	44%
1994	Critical	35%	26%	18%	7%	6%	-4%	-13%	-17%	-2%	48%	118%	98%
1995	Wet	75%	55%	31%	-23%	-23%	-29%	2%	18%	-35%	-14%	-20%	-12%
1996	Wet	16%	26%	19%	1%	-22%	-27%	-8%	-18%	-19%	-11%	38%	61%
1997	Wet	51%	5%	-21%	-3%	-18%	-16%	-18%	-15%	-21%	17%	114%	127%
1998	Wet	100%	66%	42%	2%	-23%	-29%	-23%	-3%	-35%	-14%	-25%	-6%
1999	Above Normal	11%	10%	3%	-10%	-13%	-19%	-7%	-20%	-24%	9%	67%	72%
2000	Above Normal	60%	51%	43%	11%	-11%	-22%	-17%	-34%	-34%	-6%	51%	71%
2001	Dry	56%	38%	30%	19%	18%	3%	0%	-24%	-10%	41%	108%	92%
2002	Dry	104%	99%	53%	23%	12%	18%	-4%	-16%	-9%	31%	102%	97%
2003	Below Normal	105%	61%	36%	12%	0%	4%	25%	3%	-15%	27%	87%	86%

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	482	500	559	626	718	686	566	735	1,067	1,008	789	641
1923	Above Normal	558	546	588	631	604	605	556	632	587	496	373	347
1924	Critical	355	363	362	364	347	349	389	390	306	230	204	228
1925	Below Normal	227	244	274	306	380	359	362	437	436	365	277	268
1926	Dry	289	303	319	332	364	365	452	567	505	350	244	249
1927	Above Normal	252	290	337	377	493	510	423	522	630	542	395	348
1928	Below Normal	353	412	436	457	465	517	531	602	529	377	289	287
1929	Critical	262	245	245	247	242	218	234	315	298	241	211	244
1930	Critical	219	201	203	214	228	212	278	286	304	235	207	242
1931	Critical	225	214	219	227	231	200	250	271	228	200	200	218
1932	Above Normal	221	219	281	352	506	515	407	450	577	539	395	347
1933	Dry	345	351	353	366	358	354	339	267	332	299	235	251
1934	Critical	251	247	279	319	342	380	468	448	352	257	227	238
1935	Above Normal	229	236	263	321	382	355	328	488	620	493	358	334
1936	Above Normal	342	355	358	384	542	608	572	722	701	558	402	351
1937	Wet	342	346	364	395	590	716	681	911	962	779	540	434
1938	Wet	413	414	592	679	833	989	1,050	1,134	1,331	1,331	1,297	1,122
1939	Dry	1,039	1,013	993	997	931	964	1,018	938	753	544	384	346
1940	Above Normal	334	309	295	399	487	556	515	684	705	527	370	337
1941	Wet	332	336	416	525	671	746	723	828	990	978	797	645
1942	Wet	580	567	623	717	731	741	710	766	942	885	692	576
1943	Wet	512	526	533	644	708	868	817	951	872	691	490	406
1944	Below Normal	377	377	375	384	386	395	347	413	412	347	276	281
1945	Above Normal	289	328	374	409	608	625	511	578	628	554	407	358
1946	Above Normal	390	453	558	628	637	649	609	727	682	530	381	345
1947	Dry	354	406	474	509	531	557	548	614	510	359	264	270
1948	Below Normal	262	257	260	266	257	200	204	293	360	285	233	257
1949	Below Normal	261	259	276	293	302	277	305	402	423	303	230	246
1950	Below Normal	262	270	285	323	388	366	406	480	471	355	254	259
1951	Above Normal	278	431	717	907	999	992	857	795	698	539	397	354
1952	Wet	335	322	369	494	544	573	589	859	1,069	1,042	896	748
1953	Below Normal	651	616	612	667	618	619	589	541	475	418	327	319
1954	Below Normal	305	290	289	306	338	349	389	513	484	368	264	251
1955	Dry	263	277	306	343	369	354	310	328	386	297	235	249
1956	Wet	249	248	540	798	979	1,051	989	993	1,108	1,062	912	762
1957	Below Normal	689	671	647	640	596	590	513	513	560	450	339	325
1958	Wet	327	322	348	374	451	490	530	774	932	881	725	601
1959	Dry	521	495	472	483	483	551	604	577	479	332	224	253
1960	Critical	253	242	241	248	271	260	344	378	341	255	224	240
1961	Critical	220	218	243	254	265	232	296	301	264	203	202	227
1962	Below Normal	232	241	270	298	465	434	397	483	568	503	376	341
1963	Above Normal	348	356	353	378	561	575	452	474	557	513	388	353
1964	Dry	360	414	440	457	445	444	432	431	389	283	232	245
1965	Wet	231	245	367	589	690	664	524	524	528	465	395	359
1966	Below Normal	358	442	500	550	560	599	650	709	600	423	309	306
1967	Wet	281	277	472	538	613	631	587	658	1,002	1,250	1,134	990
1968	Dry	884	861	846	850	809	839	845	811	665	473	338	318
1969	Wet	291	294	321	551	755	794	858	1,212	1,331	1,331	1,306	1,129
1970	Above Normal	1,041	1,012	1,010	1,135	1,108	1,148	1,018	946	843	627	439	372
1971	Below Normal	342	343	396	449	465	455	418	426	416	340	278	290
1972	Dry	297	303	349	380	403	457	425	431	391	270	204	246
1973	Above Normal	244	257	295	362	454	447	325	561	689	549	394	345
1974	Wet	357	431	507	633	663	745	662	764	815	632	440	368
1975	Wet	365	378	395	419	445	476	325	413	626	522	376	344
1976	Critical	375	402	413	419	416	446	467	455	343	235	204	246
1977	Critical	251	250	262	279	284	286	307	280	248	209	200	220
1978	Wet	220	220	297	451	632	750	734	879	1,216	1,331	1,211	1,165
1979	Above Normal	1,065	1,034	1,018	1,076	1,063	1,127	1,096	1,230	1,216	986	754	625
1980	Wet	553	551	543	774	961	1,079	1,037	1,072	1,184	1,261	1,111	939
1981	Dry	839	810	789	787	724	744	737	768	657	462	346	335
1982	Wet	311	344	385	480	601	664	867	1,068	1,209	1,207	1,085	1,008
1983	Wet	1,058	1,172	1,331	1,328	1,312	1,331	1,185	1,057	1,331	1,331	1,331	1,331
1984	Above Normal	1,277	1,331	1,323	1,331	1,331	1,331	1,287	1,310	1,219	1,023	833	703
1985	Dry	626	632	631	630	574	575	624	669	561	398	289	298
1986	Wet	289	296	345	418	699	980	1,021	1,156	1,279	1,165	961	809
1987	Critical	721	694	663	647	578	599	642	639	518	366	258	253
1988	Critical	247	257	271	316	331	324	380	395	343	256	224	244
1989	Critical	224	211	224	238	253	275	387	429	372	266	225	248
1990	Critical	244	241	252	270	281	274	365	354	298	240	220	234
1991	Critical	219	207	208	209	202	211	217	258	305	241	209	250
1992	Critical	236	233	248	266	309	303	407	453	353	263	227	242
1993	Wet	226	219	243	415	512	565	484	645	729	694	519	428
1994	Critical	411	404	402	414	413	447	482	496	432	308	231	244
1995	Wet	266	290	329	519	611	801	826	956	1,329	1,331	1,331	1,257
1996	Wet	1,145	1,102	1,105	1,144	1,235	1,331	1,308	1,331	1,331	1,223	1,004	835
1997	Wet	747	797	966	1,266	1,331	1,331	1,331	1,331	1,300	1,078	842	694
1998	Wet	598	588	583	642	780	851	873	829	1,184	1,331	1,329	1,197
1999	Above Normal	1,112	1,090	1,100	1,133	1,128	1,122	1,021	1,028	956	729	515	429
2000	Above Normal	399	384	375	424	483	541	532	664	680	499	360	337
2001	Dry	343	352	354	367	371	413	422	529	458	317	238	250
2002	Dry	238	241	292	346	373	357	422	473	445	331	239	243
2003	Below Normal	235	280	319	372	407	396	344	405	479	354	272	272

Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	482	500	559	626	718	686	566	735	1,067	1,008	789	641
1923	Above Normal	558	546	588	631	604	605	556	632	587	496	373	347
1924	Critical	355	363	362	364	347	349	389	390	306	230	204	228
1925	Below Normal	227	244	274	306	380	359	362	437	436	365	277	268
1926	Dry	289	303	319	332	364	365	452	567	505	350	244	249
1927	Above Normal	252	290	337	377	493	510	423	522	630	542	395	348
1928	Below Normal	353	412	436	457	465	517	531	602	529	377	289	287
1929	Critical	262	245	245	247	242	218	234	315	298	241	211	244
1930	Critical	219	201	203	214	228	212	278	286	304	235	207	242
1931	Critical	225	214	219	227	231	200	250	271	228	200	200	218
1932	Above Normal	221	219	281	352	506	515	407	450	577	539	395	347
1933	Dry	345	351	353	366	358	354	339	267	332	299	235	251
1934	Critical	251	247	279	319	342	380	468	448	352	257	227	238
1935	Above Normal	229	236	263	321	382	355	328	488	620	493	358	334
1936	Above Normal	342	355	358	384	542	608	572	722	701	558	402	351
1937	Wet	342	346	364	395	590	716	681	911	962	779	540	434
1938	Wet	413	414	592	679	833	989	1,050	1,134	1,331	1,331	1,297	1,122
1939	Dry	1,039	1,013	993	997	931	964	1,018	938	753	544	384	346
1940	Above Normal	334	309	295	399	487	556	515	684	705	527	370	337
1941	Wet	332	336	416	525	671	746	723	828	990	978	797	645
1942	Wet	580	567	623	717	731	741	710	766	942	885	692	576
1943	Wet	512	526	533	644	708	868	817	951	872	691	490	406
1944	Below Normal	377	377	375	384	386	395	347	413	412	347	276	281
1945	Above Normal	289	328	374	409	608	625	511	578	628	554	407	358
1946	Above Normal	390	453	558	628	637	649	609	727	682	530	381	345
1947	Dry	354	406	474	509	531	557	548	614	510	359	264	270
1948	Below Normal	262	257	260	266	257	200	204	293	360	285	233	257
1949	Below Normal	261	259	276	293	302	277	305	402	423	303	230	246
1950	Below Normal	262	270	285	323	388	366	406	480	471	355	254	259
1951	Above Normal	278	431	717	907	999	992	857	795	698	539	397	354
1952	Wet	335	322	369	494	544	573	589	859	1,069	1,042	896	748
1953	Below Normal	651	616	612	667	618	619	589	541	475	418	327	319
1954	Below Normal	305	290	289	306	338	349	389	513	484	368	264	251
1955	Dry	263	277	306	343	369	354	310	328	386	297	235	249
1956	Wet	249	248	540	798	979	1,051	989	993	1,108	1,062	912	762
1957	Below Normal	689	671	647	640	596	590	513	513	560	450	339	325
1958	Wet	327	322	348	374	451	490	530	774	932	881	725	601
1959	Dry	521	495	472	483	483	551	604	577	479	332	224	253
1960	Critical	253	242	241	248	271	260	344	378	341	255	224	240
1961	Critical	220	218	243	254	265	232	296	301	264	203	202	227
1962	Below Normal	232	241	270	298	465	434	397	483	568	503	376	341
1963	Above Normal	348	356	353	378	561	575	452	474	557	513	388	353
1964	Dry	360	414	440	457	445	444	432	431	389	283	232	245
1965	Wet	231	245	367	589	690	664	524	524	528	465	395	359
1966	Below Normal	358	442	500	550	560	599	650	709	600	423	309	306
1967	Wet	281	277	472	538	613	631	587	658	1,002	1,250	1,134	990
1968	Dry	884	861	846	850	809	839	845	811	665	473	338	318
1969	Wet	291	294	321	551	755	794	858	1,212	1,331	1,331	1,306	1,129
1970	Above Normal	1,041	1,012	1,010	1,135	1,108	1,148	1,018	946	843	627	439	372
1971	Below Normal	342	343	396	449	465	455	418	426	416	340	278	290
1972	Dry	297	303	349	380	403	457	425	431	391	270	204	246
1973	Above Normal	244	257	295	362	454	447	325	561	689	549	394	345
1974	Wet	357	431	507	633	663	745	662	764	815	632	440	368
1975	Wet	365	378	395	419	445	476	325	413	626	522	376	344
1976	Critical	375	402	413	419	416	446	467	455	343	235	204	246
1977	Critical	251	250	262	279	284	286	307	280	248	209	200	220
1978	Wet	220	220	297	451	632	750	734	879	1,216	1,331	1,211	1,165
1979	Above Normal	1,065	1,034	1,018	1,076	1,063	1,127	1,096	1,230	1,216	986	754	625
1980	Wet	553	551	543	774	961	1,079	1,037	1,072	1,184	1,261	1,111	939
1981	Dry	839	810	789	787	724	744	737	768	657	462	346	335
1982	Wet	311	344	385	480	601	664	867	1,068	1,209	1,207	1,085	1,008
1983	Wet	1,058	1,172	1,331	1,328	1,312	1,331	1,185	1,057	1,331	1,331	1,331	1,331
1984	Above Normal	1,277	1,331	1,323	1,331	1,331	1,331	1,287	1,310	1,219	1,023	833	703
1985	Dry	626	632	631	630	574	575	624	669	561	398	289	298
1986	Wet	289	296	345	418	699	980	1,021	1,156	1,279	1,165	961	809
1987	Critical	721	694	663	647	578	599	642	639	518	366	258	253
1988	Critical	247	257	271	316	331	324	380	395	343	256	224	244
1989	Critical	224	211	224	238	253	275	387	429	372	266	225	248
1990	Critical	244	241	252	270	281	274	365	354	298	240	220	234
1991	Critical	219	207	208	209	202	211	217	258	305	241	209	250
1992	Critical	236	233	248	266	309	303	407	453	353	263	227	242
1993	Wet	226	219	243	415	512	565	484	645	729	694	519	428
1994	Critical	411	404	402	414	413	447	482	496	432	308	231	244
1995	Wet	266	290	329	519	611	801	826	956	1,329	1,331	1,331	1,257
1996	Wet	1,145	1,102	1,105	1,144	1,235	1,331	1,308	1,331	1,331	1,223	1,004	835
1997	Wet	747	797	966	1,266	1,331	1,331	1,331	1,331	1,300	1,078	842	694
1998	Wet	598	588	583	642	780	851	873	829	1,184	1,331	1,329	1,197
1999	Above Normal	1,112	1,090	1,100	1,133	1,128	1,122	1,021	1,028	956	729	515	429
2000	Above Normal	399	384	375	424	483	541	532	664	680	499	360	337
2001	Dry	343	352	354	367	371	413	422	529	458	317	238	250
2002	Dry	238	241	292	346	373	357	422	473	445	331	239	243
2003	Below Normal	235	280	319	372	407	396	344	405	479	354	272	272

Percent Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1937	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1938	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1939	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1941	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1942	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1943	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1945	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1946	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1952	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1959	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1966	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1967	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1970	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1974	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1979	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1980	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1982	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1983	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1984	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1986	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1996	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1997	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,246	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,513
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,099	2,247	2,199	2,109	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,672	1,960	2,018	1,937	1,887
1968	Dry	1,830	1,839	1,851	1,869	1,926	1,971	1,860	1,759	1,698	1,613	1,530	1,482
1969	Wet	1,449	1,472	1,479	1,775	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,252	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,512
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,102	2,250	2,202	2,112	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,675	1,963	2,021	1,940	1,890
1968	Dry	1,834	1,843	1,854	1,873	1,930	1,974	1,863	1,763	1,701	1,616	1,532	1,485
1969	Wet	1,452	1,474	1,481	1,778	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	6	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	3	3	3	3	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	3	3	3	3	3
1968	Dry	3	3	3	3	3	3	3	3	3	3	3	3
1969	Wet	3	3	3	3	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,341	1,531	1,254	814	697	536	488	676
1923	Below Normal	780	954	1,211	1,317	1,405	1,410	1,189	791	473	447	466	710
1924	Critical	856	1,018	1,205	1,481	1,575	1,483	1,353	1,160	829	774	526	482
1925	Dry	651	821	1,221	1,570	1,753	1,894	1,688	1,279	864	773	522	677
1926	Dry	738	891	1,088	1,373	1,419	1,293	1,169	861	596	609	409	504
1927	Wet	528	1,002	1,311	1,524	1,779	1,836	1,516	1,046	677	624	647	837
1928	Above Normal	849	833	1,285	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	583	533	831	1,049	1,214	1,361	1,307	1,079	750	485	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	825	854	706	910
1931	Critical	972	1,100	1,268	1,599	1,811	1,778	1,614	1,378	1,016	791	506	429
1932	Dry	490	628	1,270	1,633	2,011	2,013	1,855	1,586	1,314	1,076	1,091	1,197
1933	Critical	1,290	1,407	1,678	2,018	2,039	2,039	1,921	1,685	1,296	1,049	976	960
1934	Critical	986	1,092	1,344	1,687	1,897	1,875	1,694	1,459	1,064	649	525	550
1935	Below Normal	550	739	1,116	1,482	1,708	1,825	1,581	1,161	833	768	686	877
1936	Below Normal	1,036	1,192	1,453	1,579	1,961	2,039	1,788	1,359	998	932	847	1,036
1937	Below Normal	1,183	1,267	1,660	1,935	2,039	2,039	1,811	1,462	1,162	1,000	839	783
1938	Wet	798	1,128	1,411	1,725	1,941	2,039	1,853	1,858	1,714	1,452	1,214	1,252
1939	Dry	1,194	877	1,196	1,329	1,385	1,334	1,084	719	255	211	100	149
1940	Above Normal	198	334	430	665	936	1,303	1,085	665	337	194	183	361
1941	Wet	385	384	709	1,046	1,514	1,862	1,548	1,156	836	651	568	681
1942	Wet	617	627	850	1,079	1,263	1,406	1,139	736	496	323	320	489
1943	Wet	534	626	887	1,192	1,417	1,814	1,490	1,020	582	335	211	316
1944	Dry	245	330	635	854	1,058	1,145	977	673	365	436	330	302
1945	Below Normal	379	882	1,222	1,554	1,900	2,039	1,709	1,203	687	571	548	723
1946	Below Normal	904	1,272	1,609	1,771	1,830	1,836	1,524	1,077	619	555	572	775
1947	Dry	968	1,223	1,554	1,781	1,928	1,857	1,510	1,033	530	492	206	383
1948	Below Normal	476	652	730	802	684	815	634	368	238	228	295	525
1949	Dry	653	822	1,158	1,457	1,702	1,730	1,401	940	400	274	100	293
1950	Below Normal	243	417	619	766	907	1,137	901	543	354	322	344	571
1951	Above Normal	828	1,268	1,856	2,039	2,039	2,039	1,732	1,247	828	608	576	764
1952	Wet	785	988	1,203	1,440	1,539	1,861	1,639	1,304	1,154	839	640	731
1953	Wet	648	539	904	913	986	1,159	942	582	269	250	324	567
1954	Above Normal	518	585	941	1,086	1,141	1,307	1,054	653	305	123	178	410
1955	Dry	438	676	1,205	1,538	1,764	1,824	1,605	1,248	694	725	502	504
1956	Wet	514	790	1,290	1,857	2,039	2,039	1,694	1,166	838	634	566	693
1957	Above Normal	664	687	1,073	1,219	1,143	1,196	962	580	207	126	185	366
1958	Wet	713	913	1,176	1,396	1,552	1,846	1,603	1,161	932	580	348	414
1959	Below Normal	388	379	684	718	781	959	772	441	208	200	271	470
1960	Dry	534	643	810	1,120	1,266	1,368	1,067	707	265	194	100	281
1961	Dry	222	437	926	1,230	1,324	1,531	1,275	899	287	234	100	184
1962	Below Normal	205	343	456	728	949	1,180	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,532	1,619	1,346	926	586	575	633	869
1964	Dry	921	1,206	1,584	1,809	1,765	1,721	1,424	1,014	433	452	178	354
1965	Wet	355	478	741	1,121	1,308	1,484	1,248	767	403	259	284	471
1966	Below Normal	413	721	1,213	1,363	1,436	1,464	1,209	807	341	309	359	603
1967	Wet	698	920	1,253	1,581	1,680	1,777	1,513	1,108	971	768	533	593
1968	Below Normal	589	384	723	896	855	1,019	823	489	225	206	272	466
1969	Wet	544	805	1,339	1,654	2,039	2,039	2,039	2,039	1,924	1,756	1,499	1,502
1970	Wet	1,522	1,216	1,371	1,801	1,972	2,039	1,696	1,216	704	592	599	681
1971	Wet	690	866	1,087	1,158	1,168	1,295	1,077	707	396	415	512	745
1972	Below Normal	810	765	1,292	1,529	1,454	1,400	1,155	760	299	275	346	582
1973	Above Normal	722	1,166	1,446	1,683	1,834	1,945	1,637	1,153	785	700	690	791
1974	Wet	877	1,258	1,527	1,741	1,810	1,914	1,520	991	636	439	432	590
1975	Wet	708	711	1,133	1,227	1,264	1,459	1,120	630	348	262	321	512
1976	Critical	705	658	1,097	1,285	1,425	1,552	1,382	1,073	571	464	263	339
1977	Critical	306	382	483	692	865	797	687	599	423	266	337	281
1978	Above Normal	285	316	452	752	1,203	1,471	1,312	1,050	888	726	615	771
1979	Below Normal	790	771	1,192	1,438	1,715	1,897	1,570	1,147	760	706	724	850
1980	Above Normal	1,033	1,154	1,596	1,934	2,039	2,039	1,744	1,263	918	681	502	519
1981	Dry	469	379	713	911	1,038	1,087	898	547	253	206	104	199
1982	Wet	318	748	1,007	1,255	1,679	1,991	2,024	1,673	1,385	1,051	821	891
1983	Wet	1,161	1,488	1,886	2,039	2,039	2,039	2,039	2,039	2,038	1,887	1,708	1,820
1984	Wet	1,978	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,880	2,039	1,795	1,371	1,105	904	748	624
1987	Dry	527	361	663	888	1,061	1,185	1,031	869	634	460	212	245
1988	Critical	338	490	811	1,039	1,026	1,034	971	826	536	624	607	550
1989	Dry	542	838	1,120	1,468	1,513	1,504	1,241	825	442	367	143	308
1990	Critical	361	414	653	892	993	943	788	601	247	453	328	259
1991	Critical	270	383	530	620	724	742	681	531	384	526	376	320
1992	Critical	395	485	666	779	897	1,049	915	710	486	278	203	123
1993	Above Normal	102	212	562	890	1,098	1,224	896	449	277	174	237	436
1994	Critical	519	533	980	1,202	1,371	1,392	1,135	763	190	107	100	100
1995	Wet	100	239	391	652	823	1,321	1,056	1,097	953	799	627	727
1996	Wet	520	379	510	612	1,056	1,432	1,110	708	359	251	318	513
1997	Wet	411	504	1,000	1,473	1,850	2,039	1,635	1,080	611	344	277	423
1998	Wet	350	216	620	735	1,110	1,439	1,239	925	871	774	653	802
1999	Wet	1,085	1,399	1,551	1,665	1,790	1,935	1,634	1,167	798	745	768	687
2000	Above Normal	613	646	1,050	1,110	1,350	1,639	1,337	893	539	333	354	569
2001	Dry	561	615	1,071	1,342	1,502	1,643	1,469	1,156	796	734	400	437
2002	Dry	459	706	1,076	1,313	1,539	1,618	1,278	822	344	333	136	262
2003	Above Normal	279	461	633	809	1,032	1,192	929	545	336	271	314	497

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,339	1,529	1,252	812	675	514	487	675
1923	Below Normal	779	953	1,211	1,311	1,394	1,401	1,181	784	468	443	463	708
1924	Critical	854	1,016	1,204	1,482	1,576	1,485	1,355	1,161	830	775	527	483
1925	Dry	652	822	1,221	1,570	1,753	1,895	1,689	1,280	864	772	521	676
1926	Dry	737	891	1,087	1,372	1,417	1,292	1,168	861	596	610	409	503
1927	Wet	528	1,002	1,311	1,524	1,779	1,837	1,516	1,047	677	624	647	836
1928	Above Normal	849	833	1,284	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	582	532	831	1,049	1,214	1,361	1,307	1,078	749	484	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	826	854	706	911
1931	Critical	973	1,100	1,268	1,600	1,811	1,778	1,615	1,378	1,017	791	506	430
1932	Dry	490	628	1,270	1,633	2,011	2,007	1,850	1,580	1,308	1,071	1,086	1,192
1933	Critical	1,285	1,402	1,673	2,013	2,039	2,039	1,921	1,685	1,296	1,049	975	959
1934	Critical	985	1,091	1,490	1,833	2,037	1,990	1,816	1,547	1,139	707	513	539
1935	Below Normal	538	717	1,082	1,448	1,675	1,793	1,556	1,141	811	740	657	849
1936	Below Normal	1,001	1,163	1,437	1,572	1,963	2,039	1,788	1,359	998	932	847	1,037
1937	Below Normal	1,184	1,267	1,661	1,936	2,039	2,039	1,795	1,432	1,086	924	763	708
1938	Wet	718	1,048	1,331	1,645	1,862	2,039	1,800	1,484	1,335	1,056	817	855
1939	Dry	802	493	817	940	1,003	976	799	485	177	173	100	145
1940	Above Normal	205	344	441	683	960	1,325	1,106	682	347	197	181	365
1941	Wet	388	397	720	1,056	1,514	1,849	1,536	1,093	776	595	541	656
1942	Wet	598	630	854	1,083	1,255	1,399	1,133	731	493	322	320	489
1943	Wet	534	626	887	1,170	1,383	1,773	1,453	985	552	320	200	305
1944	Dry	236	331	623	849	1,059	1,147	979	674	365	429	326	298
1945	Below Normal	375	878	1,218	1,549	1,835	2,025	1,696	1,191	679	567	547	723
1946	Below Normal	904	1,272	1,606	1,760	1,819	1,826	1,517	1,071	613	546	563	774
1947	Dry	965	1,222	1,555	1,785	1,927	1,863	1,515	1,036	532	492	207	382
1948	Below Normal	469	644	722	797	684	816	635	368	238	227	294	524
1949	Dry	652	820	1,154	1,453	1,698	1,726	1,399	939	399	273	100	293
1950	Below Normal	243	417	619	766	908	1,138	902	543	355	322	344	571
1951	Above Normal	829	1,269	1,817	2,039	2,039	2,039	1,732	1,246	827	607	575	765
1952	Wet	786	989	1,204	1,436	1,534	1,788	1,521	1,225	1,107	855	719	857
1953	Wet	816	858	1,263	1,208	1,226	1,317	1,095	724	312	305	388	638
1954	Above Normal	593	659	1,034	1,172	1,186	1,339	1,086	684	323	133	190	425
1955	Dry	451	694	1,224	1,558	1,783	1,841	1,618	1,255	695	719	489	501
1956	Wet	491	763	1,196	1,785	2,039	2,039	1,694	1,165	836	631	562	689
1957	Above Normal	659	682	1,067	1,213	1,137	1,193	960	578	207	126	185	366
1958	Wet	711	912	1,174	1,394	1,550	1,844	1,547	1,049	790	456	239	310
1959	Below Normal	289	379	687	725	795	971	783	450	214	201	270	472
1960	Dry	535	643	808	1,118	1,263	1,365	1,064	704	262	191	100	281
1961	Dry	221	436	926	1,230	1,323	1,531	1,274	899	287	234	100	184
1962	Below Normal	205	344	456	728	949	1,181	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,527	1,614	1,342	923	584	574	633	870
1964	Dry	922	1,207	1,585	1,811	1,767	1,723	1,425	1,015	434	452	179	354
1965	Wet	355	478	741	1,110	1,268	1,446	1,212	734	375	237	284	472
1966	Below Normal	415	721	1,213	1,361	1,435	1,463	1,209	806	341	309	359	603
1967	Wet	698	920	1,253	1,582	1,673	1,770	1,462	1,048	904	624	391	458
1968	Below Normal	443	379	705	886	855	1,023	825	491	225	205	269	463
1969	Wet	541	801	1,334	1,599	2,039	2,039	1,897	1,936	1,821	1,673	1,447	1,467
1970	Wet	1,480	1,173	1,328	1,759	1,931	2,039	1,678	1,201	691	582	592	691
1971	Wet	702	877	1,099	1,171	1,181	1,303	1,083	713	403	424	523	756
1972	Below Normal	821	775	1,301	1,534	1,458	1,403	1,158	762	301	277	348	583
1973	Above Normal	723	1,167	1,446	1,683	1,834	1,945	1,636	1,153	762	678	668	791
1974	Wet	877	1,258	1,527	1,712	1,778	1,881	1,492	968	608	421	432	592
1975	Wet	712	713	1,136	1,231	1,270	1,464	1,125	634	351	264	322	513
1976	Critical	706	660	1,100	1,287	1,426	1,553	1,383	1,073	570	462	262	338
1977	Critical	304	380	483	692	865	797	687	599	423	266	333	276
1978	Above Normal	283	314	449	749	1,134	1,380	1,212	928	663	418	350	515
1979	Below Normal	543	701	1,069	1,331	1,621	1,804	1,499	1,104	758	738	793	937
1980	Above Normal	1,122	1,318	1,774	2,039	2,039	2,039	1,801	1,365	1,055	878	762	803
1981	Dry	797	714	1,109	1,272	1,311	1,298	1,091	713	253	199	103	205
1982	Wet	328	759	1,017	1,258	1,661	1,971	2,024	1,636	1,285	951	722	793
1983	Wet	1,007	1,334	1,742	2,039	2,039	2,039	2,039	2,039	2,039	1,888	1,709	1,822
1984	Wet	1,980	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,799	2,039	1,778	1,354	1,064	861	705	581
1987	Dry	483	344	645	871	1,044	1,168	1,014	853	619	451	217	250
1988	Critical	342	495	816	1,044	1,032	1,039	977	831	539	622	604	546
1989	Dry	538	833	1,115	1,463	1,508	1,499	1,238	823	440	365	147	305
1990	Critical	357	408	646	888	990	939	784	596	240	446	257	251
1991	Critical	259	371	518	607	710	729	667	518	371	514	366	310
1992	Critical	385	476	657	767	886	1,037	905	702	482	276	204	124
1993	Above Normal	102	212	565	894	1,102	1,221	892	446	274	173	239	438
1994	Critical	522	535	985	1,207	1,376	1,396	1,140	767	191	107	100	100
1995	Wet	100	239	391	651	800	1,264	983	700	517	410	253	356
1996	Wet	235	379	513	621	1,072	1,380	1,064	670	334	240	318	516
1997	Wet	411	504	993	1,470	1,851	2,039	1,637	1,082	609	338	277	423
1998	Wet	351	217	621	736	1,086	1,414	1,200	881	836	751	639	791
1999	Wet	1,077	1,395	1,549	1,666	1,794	1,939	1,637	1,169	800	746	768	687
2000	Above Normal	613	646	1,050	1,110	1,342	1,631	1,330	887	534	326	346	562
2001	Dry	555	609	1,064	1,337	1,499	1,641	1,466	1,153	793	736	398	436
2002	Dry	457	705	1,074	1,310	1,537	1,616	1,276	821	343	332	136	265
2003	Above Normal	278	461	633	808	1,031	1,192	929	545	335	271	314	497

Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	-1	-2	-2	-2	-22	-22	-1	-1
1923	Below Normal	-1	0	0	-7	-11	-9	-8	-7	-5	-3	-3	-2
1924	Critical	-2	-1	-1	1	2	2	2	1	1	1	1	1
1925	Dry	1	0	0	0	0	1	1	1	0	0	-1	-1
1926	Dry	-1	-1	-1	-1	-1	-1	-1	-1	0	0	1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	1	0	0	0	0	1	1	1	0	0	0
1932	Dry	0	0	0	0	0	-6	-6	-6	-6	-5	-5	-5
1933	Critical	-5	-5	-5	-5	0	0	0	0	0	-1	-1	-1
1934	Critical	-1	-1	145	145	139	115	122	87	76	58	-12	-11
1935	Below Normal	-12	-22	-33	-33	-33	-32	-25	-21	-22	-28	-30	-28
1936	Below Normal	-35	-29	-16	-7	1	0	0	0	0	0	1	1
1937	Below Normal	1	1	1	1	0	0	-17	-30	-76	-76	-75	-75
1938	Wet	-80	-80	-80	-80	-78	0	-53	-374	-379	-396	-396	-397
1939	Dry	-392	-384	-379	-389	-382	-358	-285	-234	-78	-38	0	-4
1940	Above Normal	7	10	11	18	24	23	20	17	11	3	-2	3
1941	Wet	3	13	12	10	0	-13	-12	-63	-60	-57	-27	-26
1942	Wet	-18	3	4	4	-8	-7	-6	-5	-3	-1	0	0
1943	Wet	0	0	0	-22	-34	-40	-38	-35	-30	-15	-11	-11
1944	Dry	-9	1	-12	-5	1	2	2	1	0	-6	-4	-3
1945	Below Normal	-4	-4	-4	-4	-64	-14	-13	-11	-8	-4	-1	-1
1946	Below Normal	0	1	-3	-11	-11	-10	-8	-6	-7	-9	-9	-1
1947	Dry	-3	-2	1	4	0	6	5	4	2	0	1	-1
1948	Below Normal	-7	-8	-9	-5	-1	1	1	-1	0	-1	-1	-1
1949	Dry	-1	-2	-4	-4	-4	-4	-2	-1	-1	-1	0	0
1950	Below Normal	0	0	0	0	1	1	1	1	1	0	0	0
1951	Above Normal	0	0	-39	0	0	0	0	0	-1	-1	-1	1
1952	Wet	1	1	1	-4	-5	-73	-119	-79	-47	16	79	125
1953	Wet	168	319	359	295	240	158	153	143	42	55	64	72
1954	Above Normal	75	75	93	86	45	33	33	31	18	10	12	15
1955	Dry	13	18	20	20	19	16	13	8	1	-7	-14	-2
1956	Wet	-24	-27	-94	-72	0	0	-1	-1	-2	-3	-4	-4
1957	Above Normal	-5	-5	-6	-6	-6	-3	-3	-2	0	0	0	-1
1958	Wet	-1	-2	-2	-2	-2	-1	-56	-112	-142	-124	-109	-104
1959	Below Normal	-98	0	3	8	14	12	11	9	6	2	-1	2
1960	Dry	1	0	-1	-2	-3	-3	-3	-3	-3	-2	0	0
1961	Dry	-1	-1	0	0	0	0	0	0	0	-1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	-5	-4	-4	-3	-2	-1	0	1
1964	Dry	1	1	1	1	2	2	1	1	1	1	1	1
1965	Wet	0	0	0	-10	-40	-38	-36	-33	-28	-23	0	1
1966	Below Normal	2	0	1	-1	-1	-1	-1	-1	0	0	0	0
1967	Wet	0	0	0	0	-7	-7	-50	-60	-67	-143	-142	-135
1968	Below Normal	-145	-5	-19	-10	1	3	3	2	0	-1	-2	-3
1969	Wet	-3	-4	-4	-55	0	0	-142	-103	-103	-83	-53	-35
1970	Wet	-43	-43	-43	-42	-41	0	-17	-15	-12	-10	-7	10
1971	Wet	11	11	13	13	12	8	7	6	8	10	11	11
1972	Below Normal	11	10	9	5	4	3	2	2	2	2	2	2
1973	Above Normal	1	1	0	0	0	0	0	0	-22	-22	-22	0
1974	Wet	0	0	0	-29	-32	-33	-29	-24	-28	-18	-1	2
1975	Wet	4	1	3	4	6	5	5	4	3	2	1	1
1976	Critical	1	2	2	2	1	1	1	0	-1	-1	-1	-2
1977	Critical	-2	-3	0	0	0	0	0	0	0	0	-4	-4
1978	Above Normal	-2	-2	-3	-3	-69	-91	-100	-122	-225	-308	-265	-257
1979	Below Normal	-247	-70	-123	-107	-94	-93	-72	-43	-3	32	69	87
1980	Above Normal	89	164	178	105	0	0	57	101	138	197	261	285
1981	Dry	328	335	396	362	273	211	193	166	0	-6	-1	6
1982	Wet	11	12	10	3	-18	-20	-1	-37	-100	-99	-99	-98
1983	Wet	-154	-154	-144	0	0	0	0	0	1	1	1	2
1984	Wet	2	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-80	0	-16	-17	-42	-42	-43	-43
1987	Dry	-44	-17	-17	-17	-17	-17	-16	-16	-14	-9	4	4
1988	Critical	4	5	5	5	6	6	6	5	3	-2	-3	-4
1989	Dry	-4	-5	-5	-5	-5	-5	-3	-2	-2	-2	4	-3
1990	Critical	-4	-6	-7	-5	-3	-3	-4	-5	-6	-8	-71	-8
1991	Critical	-12	-12	-12	-13	-13	-13	-13	-13	-13	-12	-10	-10
1992	Critical	-10	-9	-9	-12	-12	-12	-10	-7	-3	-2	0	1
1993	Above Normal	0	0	3	4	4	-4	-4	-3	-3	0	2	3
1994	Critical	3	2	6	5	5	5	5	5	1	0	0	0
1995	Wet	0	0	0	-1	-23	-57	-73	-397	-436	-389	-374	-371
1996	Wet	-286	0	3	9	16	-52	-46	-38	-25	-10	-1	4
1997	Wet	0	0	-7	-3	1	0	2	2	-2	-6	0	0
1998	Wet	1	0	0	1	-25	-25	-40	-45	-35	-23	-14	-10
1999	Wet	-8	-3	-2	1	4	4	3	3	2	1	0	0
2000	Above Normal	0	0	0	0	-8	-8	-6	-6	-6	-7	-7	-7
2001	Dry	-7	-6	-7	-5	-3	-2	-3	-3	-3	1	-1	-1
2002	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	4
2003	Above Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0

Percent Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-4%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	11%	9%	7%	6%	7%	6%	7%	9%	-2%	-2%
1935	Below Normal	-2%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	-3%	-4%	-4%	-3%
1936	Below Normal	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	-7%	-8%	-9%	-10%
1938	Wet	-10%	-7%	-6%	-5%	-4%	0%	-3%	-20%	-22%	-27%	-33%	-32%
1939	Dry	-33%	-44%	-32%	-29%	-28%	-27%	-26%	-33%	-31%	-18%	0%	-2%
1940	Above Normal	4%	3%	2%	3%	3%	2%	2%	3%	3%	2%	-1%	1%
1941	Wet	1%	3%	2%	1%	0%	-1%	-1%	-5%	-7%	-9%	-5%	-4%
1942	Wet	-3%	0%	0%	0%	-1%	0%	-1%	-1%	-1%	0%	0%	0%
1943	Wet	0%	0%	0%	-2%	-2%	-2%	-3%	-3%	-5%	-5%	-5%	-3%
1944	Dry	-4%	0%	-2%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	-1%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%	0%	0%
1946	Below Normal	0%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-2%	-2%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-4%	-7%	-6%	-4%	2%	12%	17%
1953	Wet	26%	59%	40%	32%	24%	14%	16%	25%	16%	22%	20%	13%
1954	Above Normal	14%	13%	10%	8%	4%	2%	3%	5%	6%	8%	7%	4%
1955	Dry	3%	3%	2%	1%	1%	1%	1%	1%	0%	-1%	-3%	0%
1956	Wet	-5%	-3%	-7%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%
1957	Above Normal	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	-10%	-15%	-21%	-31%	-25%
1959	Below Normal	-25%	0%	0%	1%	2%	1%	1%	2%	3%	1%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	-3%	-3%	-3%	-4%	-7%	-9%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	-5%	-7%	-19%	-27%	-23%
1968	Below Normal	-25%	-1%	-3%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1969	Wet	-1%	0%	0%	-3%	0%	0%	-7%	-5%	-5%	-5%	-4%	-2%
1970	Wet	-3%	-4%	-3%	-2%	-2%	0%	-1%	-1%	-2%	-2%	-1%	2%
1971	Wet	2%	1%	1%	1%	1%	1%	1%	1%	2%	2%	2%	1%
1972	Below Normal	1%	1%	1%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	0%
1974	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-4%	-4%	0%	0%
1975	Wet	1%	0%	0%	0%	1%	0%	0%	1%	1%	1%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1978	Above Normal	-1%	-1%	-1%	0%	-6%	-6%	-8%	-12%	-25%	-42%	-43%	-33%
1979	Below Normal	-31%	-9%	-10%	-7%	-6%	-5%	-5%	-4%	0%	5%	10%	10%
1980	Above Normal	9%	14%	11%	5%	0%	0%	3%	8%	15%	29%	52%	55%
1981	Dry	70%	89%	55%	40%	26%	19%	22%	30%	0%	-3%	-1%	3%
1982	Wet	3%	2%	1%	0%	-1%	-1%	0%	-2%	-7%	-9%	-12%	-11%
1983	Wet	-13%	-10%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-4%	0%	-1%	-1%	-4%	-5%	-6%	-7%
1987	Dry	-8%	-5%	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-2%	2%	2%
1988	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	3%	-1%
1990	Critical	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-3%	-2%	-22%	-3%
1991	Critical	-4%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-3%	-2%	-3%	-3%
1992	Critical	-3%	-2%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	0%	1%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	-1%	-1%	0%	1%	1%
1994	Critical	1%	0%	1%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-3%	-4%	-7%	-36%	-46%	-49%	-60%	-51%
1996	Wet	-55%	0%	1%	2%	2%	-4%	-4%	-5%	-7%	-4%	0%	1%
1997	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	-2%	-2%	-3%	-5%	-4%	-3%	-2%	-1%
1999	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-1%	0%	0%	-1%	-1%	-2%	-2%	-1%
2001	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Friant-Kern Canal Diversions (Node D18A)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	963	3,099	3,528	4,436	3,653	3,199	1,789	626	161	107	682	1,305
1923	Above Normal	816	1,652	2,074	2,951	3,102	2,719	1,526	541	146	93	93	690
1924	Critical	247	312	437	918	1,141	707	428	318	149	16	16	167
1925	Below Normal	616	1,122	1,556	2,269	2,382	2,155	1,156	422	126	73	73	413
1926	Dry	570	1,037	1,435	2,090	2,195	1,987	1,069	393	121	68	68	382
1927	Above Normal	891	1,744	2,208	4,017	3,289	2,882	1,615	570	151	98	98	731
1928	Below Normal	638	1,163	1,613	2,351	2,468	2,232	1,195	434	128	75	75	427
1929	Critical	368	463	657	1,425	1,780	1,075	630	466	200	16	16	249
1930	Critical	359	452	640	1,386	1,730	1,046	615	454	196	16	16	242
1931	Critical	161	207	284	568	702	419	288	217	114	16	16	193
1932	Above Normal	899	1,811	2,292	3,263	3,429	3,004	1,682	591	155	101	101	789
1933	Dry	580	1,055	1,463	2,134	2,241	2,028	1,090	400	122	69	69	389
1934	Critical	327	412	581	1,248	1,557	946	560	414	182	16	16	220
1935	Above Normal	802	1,624	2,041	2,905	3,053	2,676	1,503	534	145	92	92	471
1936	Above Normal	1,169	1,639	3,262	3,283	3,130	2,743	1,539	545	147	94	94	390
1937	Wet	508	1,356	1,911	4,121	3,070	2,691	1,511	536	146	430	1,263	1,907
1938	Wet	326	782	1,687	4,462	4,487	3,580	2,208	897	278	220	220	1,024
1939	Dry	785	1,925	1,376	2,002	2,103	1,904	1,026	380	119	66	66	353
1940	Above Normal	795	1,567	2,217	3,397	2,873	2,519	1,417	506	140	87	87	573
1941	Wet	1,541	3,075	2,485	4,362	3,777	3,391	2,093	852	266	209	541	1,926
1942	Wet	957	1,886	3,466	4,396	3,621	3,172	1,774	625	160	106	102	2,033
1943	Wet	508	1,464	3,184	3,250	3,203	2,807	1,574	557	149	95	95	712
1944	Below Normal	624	1,137	1,577	2,301	2,416	2,186	1,171	427	127	74	74	390
1945	Above Normal	932	1,855	2,360	3,433	3,548	3,107	1,739	610	158	595	1,218	986
1946	Above Normal	778	1,574	2,201	2,774	2,916	2,557	1,437	512	141	88	88	826
1947	Dry	602	1,096	1,519	2,213	2,323	2,103	1,128	413	124	72	72	389
1948	Below Normal	389	588	838	1,840	2,302	1,376	797	586	241	16	16	316
1949	Below Normal	541	983	1,362	1,985	2,085	1,888	1,017	377	118	66	66	363
1950	Below Normal	601	1,095	1,518	2,212	2,323	2,102	1,128	413	122	1,271	1,271	1,603
1951	Above Normal	631	1,150	1,594	2,325	2,441	2,208	1,183	430	127	74	74	832
1952	Wet	706	1,735	1,742	4,450	3,792	3,405	2,101	856	267	210	508	1,100
1953	Below Normal	680	1,371	1,722	2,448	2,638	2,322	1,274	460	132	79	79	455
1954	Below Normal	576	1,048	1,452	2,116	2,222	2,011	1,081	397	122	69	69	386
1955	Dry	566	1,030	1,428	2,082	2,186	1,979	1,065	392	121	68	68	1,567
1956	Wet	1,725	1,984	2,538	4,236	3,851	3,372	1,883	656	166	112	112	885
1957	Below Normal	677	1,365	1,714	2,437	2,626	2,312	1,269	458	132	79	79	453
1958	Wet	921	1,609	2,435	4,448	3,774	3,389	2,091	852	266	209	209	889
1959	Dry	583	1,128	1,461	2,128	2,235	2,023	1,087	399	122	69	69	375
1960	Critical	345	435	616	1,328	1,658	1,005	592	438	190	16	16	233
1961	Critical	256	325	456	962	1,197	739	445	331	153	16	16	174
1962	Below Normal	848	1,719	2,158	3,073	3,229	2,830	1,587	561	150	96	96	1,478
1963	Above Normal	919	1,865	2,343	3,337	3,507	3,072	1,719	603	157	103	103	779
1964	Dry	520	943	1,305	1,901	1,997	1,809	977	364	116	63	1,207	1,549
1965	Wet	882	1,789	2,247	3,200	3,363	2,946	1,650	581	153	100	567	987
1966	Below Normal	676	1,348	2,446	2,340	2,456	2,222	1,190	433	128	70	119	1,614
1967	Wet	2,338	1,115	1,554	4,204	4,482	3,626	2,520	1,720	551	484	484	1,787
1968	Dry	466	585	832	1,824	2,282	1,365	790	582	240	16	16	313
1969	Wet	636	541	1,223	2,993	4,480	3,423	2,238	1,529	495	430	1,040	1,758
1970	Above Normal	1,127	1,428	1,793	2,549	2,680	2,351	1,325	476	135	82	82	619
1971	Below Normal	643	1,172	1,625	2,372	2,489	2,252	1,206	438	129	76	76	416
1972	Dry	536	973	1,348	1,962	2,061	1,867	1,006	373	118	65	65	359
1973	Above Normal	841	1,637	1,955	4,089	3,037	2,662	1,495	531	145	91	1,291	1,202
1974	Wet	1,616	1,710	3,360	4,251	3,207	2,811	1,576	557	149	96	96	739
1975	Wet	869	1,721	2,176	3,551	3,235	2,835	1,589	561	150	96	96	719
1976	Critical	376	473	671	1,453	1,815	1,095	642	474	202	16	16	253
1977	Critical	169	216	298	601	742	447	301	226	117	16	16	116
1978	Wet	846	1,143	1,880	4,325	4,486	3,716	2,427	1,657	533	467	1,039	2,020
1979	Above Normal	1,489	1,631	2,933	3,604	3,024	2,651	1,489	529	144	91	80	377
1980	Wet	895	1,125	3,308	4,460	4,146	3,559	2,195	892	277	219	219	934
1981	Dry	653	1,315	1,650	2,343	2,525	2,224	1,222	443	130	77	77	1,636
1982	Wet	2,307	541	2,927	4,461	3,969	3,563	2,197	2,093	1,477	151	112	568
1983	Wet	91	956	1,480	2,351	4,467	3,869	2,873	1,959	1,391	521	1,753	2,042
1984	Above Normal	1,257	1,597	2,005	2,852	2,998	2,628	1,476	525	144	90	90	691
1985	Dry	596	1,084	1,502	2,187	2,296	2,078	1,116	409	124	71	71	390
1986	Wet	465	3,033	3,448	4,429	3,497	3,063	1,714	602	157	103	103	804
1987	Critical	483	875	1,209	1,891	2,366	1,413	817	601	246	16	16	313
1988	Critical	340	428	606	1,306	1,630	988	583	431	188	16	16	230
1989	Critical	395	497	705	1,533	1,916	1,153	674	497	210	16	16	266
1990	Critical	301	380	535	1,144	1,426	871	518	384	172	16	16	204
1991	Critical	422	530	754	1,648	2,060	1,237	720	530	222	16	16	275
1992	Critical	363	457	646	1,397	1,744	1,055	619	458	197	16	16	336
1993	Wet	1,156	3,131	3,486	4,349	3,790	3,319	1,854	647	165	111	111	871
1994	Critical	491	890	1,230	1,790	1,881	1,705	923	346	113	60	218	1,530
1995	Wet	1,036	2,631	2,029	4,076	4,468	3,874	2,876	1,961	622	553	553	2,045
1996	Wet	829	2,772	3,141	4,180	3,268	2,863	1,605	567	151	91	91	658
1997	Wet	1,969	1,583	2,591	2,725	2,865	2,513	1,413	505	140	87	87	390
1998	Wet	902	565	1,578	2,572	4,481	3,577	2,657	1,813	578	511	511	1,953
1999	Above Normal	715	1,445	1,814	2,579	2,711	2,378	1,340	481	136	83	83	604
2000	Above Normal	796	1,598	2,007	3,265	2,946	2,583	1,452	517	142	89	89	679
2001	Dry	568	1,033	1,432	2,085	2,190	1,983	1,066	393	121	68	68	381
2002	Dry	518	940	1,301	1,892	1,988	1,801	972	362	116	63	63	347
2003	Below Normal	623	1,136	1,575	2,297	2,411	2,182	1,169	n/a	n/a	n/a	n/a	n/a

Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,193	1,248	1,911	3,165	3,992	3,764	2,458	1,678	539	473	473	1,804
1923	Above Normal	799	1,615	2,028	2,879	3,026	2,653	1,490	529	144	91	91	673
1924	Critical	244	310	433	908	1,130	700	424	316	148	16	16	166
1925	Below Normal	590	1,073	1,487	2,165	2,274	2,058	1,105	405	123	70	70	395
1926	Dry	562	1,022	1,413	2,055	2,158	1,954	1,052	388	120	67	67	376
1927	Above Normal	828	1,674	2,102	2,984	3,137	2,749	1,543	546	147	94	94	698
1928	Below Normal	600	1,091	1,510	2,197	2,307	2,088	1,121	410	124	71	71	400
1929	Critical	365	460	652	1,410	1,761	1,064	625	461	198	16	16	246
1930	Critical	350	441	624	1,349	1,684	1,020	600	444	192	16	16	237
1931	Critical	118	199	271	537	662	380	275	208	111	16	16	102
1932	Above Normal	826	1,671	2,100	2,982	3,135	2,747	1,541	546	147	94	94	722
1933	Dry	576	1,047	1,452	2,122	2,228	2,017	1,084	398	122	69	69	387
1934	Critical	318	400	563	1,209	1,508	918	544	403	178	16	16	214
1935	Above Normal	729	1,471	1,846	2,615	2,750	2,412	1,358	487	137	84	84	404
1936	Above Normal	844	1,670	2,146	3,045	3,201	2,805	1,573	556	149	95	95	390
1937	Wet	616	1,375	1,876	3,766	3,858	3,463	2,137	869	271	213	213	909
1938	Wet	395	1,153	1,869	4,168	4,474	3,998	2,968	2,023	641	571	571	2,186
1939	Dry	774	1,564	1,959	2,786	2,929	2,568	1,443	514	142	88	80	377
1940	Above Normal	741	1,493	1,874	2,655	2,791	2,448	1,378	493	138	85	85	554
1941	Wet	1,165	1,219	1,797	3,095	3,903	3,680	2,404	1,641	528	462	462	1,763
1942	Wet	1,094	1,146	1,751	3,116	3,866	3,449	2,255	1,540	498	433	327	1,652
1943	Wet	412	1,800	2,011	3,682	3,772	3,387	2,090	851	266	209	209	858
1944	Below Normal	597	1,085	1,506	2,192	2,301	2,083	1,118	409	124	71	71	390
1945	Above Normal	918	1,861	2,338	3,323	3,492	3,059	1,712	601	157	103	103	803
1946	Above Normal	781	1,578	1,980	2,809	2,953	2,589	1,455	518	142	89	89	681
1947	Dry	590	1,072	1,486	2,163	2,272	2,056	1,104	405	123	70	70	381
1948	Below Normal	430	581	828	1,816	2,271	1,358	787	579	239	16	16	312
1949	Below Normal	532	967	1,339	1,948	2,046	1,853	999	371	117	65	65	357
1950	Below Normal	585	1,064	1,473	2,146	2,254	2,040	1,096	402	122	70	70	391
1951	Above Normal	851	1,723	2,165	3,079	3,236	2,836	1,590	562	150	96	96	719
1952	Wet	892	979	1,691	3,059	3,931	3,692	2,566	1,751	560	493	493	1,885
1953	Below Normal	678	1,365	1,712	2,433	2,621	2,308	1,267	457	132	79	79	452
1954	Below Normal	571	1,038	1,437	2,091	2,196	1,988	1,069	394	121	68	68	382
1955	Dry	558	1,015	1,409	2,055	2,158	1,954	1,051	388	120	67	67	363
1956	Wet	1,271	1,329	2,035	3,000	3,774	3,530	2,622	1,789	571	504	504	1,927
1957	Below Normal	700	1,410	1,770	2,513	2,707	2,383	1,307	470	134	81	81	467
1958	Wet	1,026	782	1,688	3,215	3,988	3,558	2,325	1,588	512	447	447	1,704
1959	Dry	578	1,049	1,452	2,120	2,226	2,015	1,083	398	122	69	69	374
1960	Critical	341	429	606	1,305	1,629	988	583	431	188	16	16	230
1961	Critical	249	316	441	928	1,155	715	432	322	150	16	16	169
1962	Below Normal	772	1,560	1,957	2,777	2,919	2,560	1,439	513	142	88	88	673
1963	Above Normal	877	1,775	2,231	3,171	3,333	2,920	1,636	577	153	99	99	741
1964	Dry	515	935	1,295	1,888	1,984	1,797	970	362	116	63	63	347
1965	Wet	917	1,860	2,338	3,324	3,493	3,060	1,712	601	157	103	103	803
1966	Below Normal	641	1,167	1,615	2,350	2,466	2,231	1,195	434	128	70	75	427
1967	Wet	1,417	1,318	1,878	2,968	3,721	3,998	2,968	2,023	641	571	571	2,111
1968	Dry	671	1,350	1,693	2,404	2,591	2,281	1,253	453	131	78	70	390
1969	Wet	949	793	1,769	2,869	4,476	3,998	2,968	2,023	641	571	571	2,186
1970	Above Normal	1,010	2,050	2,577	3,669	3,855	3,375	1,885	657	166	112	112	886
1971	Below Normal	602	1,095	1,518	2,212	2,323	2,102	1,128	413	124	71	71	389
1972	Dry	529	960	1,331	1,939	2,037	1,845	995	370	117	64	64	355
1973	Above Normal	795	1,606	1,913	2,872	3,019	2,647	1,487	528	144	91	91	696
1974	Wet	1,005	2,039	2,562	3,642	3,826	3,350	1,871	652	166	111	111	879
1975	Wet	802	1,621	2,038	2,892	3,040	2,665	1,496	531	145	91	91	676
1976	Critical	374	470	666	1,444	1,804	1,089	638	471	202	16	16	252
1977	Critical	162	208	285	571	706	380	289	218	114	16	16	112
1978	Wet	1,084	1,406	2,292	2,968	3,721	3,998	2,968	2,023	641	571	571	2,186
1979	Above Normal	1,151	1,205	1,841	3,049	3,845	3,625	2,369	1,618	521	455	123	1,121
1980	Wet	1,230	1,499	2,300	2,963	3,715	3,992	2,963	2,021	640	570	570	2,183
1981	Dry	710	1,430	1,793	2,543	2,674	2,346	1,322	475	135	82	82	618
1982	Wet	1,418	858	2,301	2,968	3,720	3,998	2,968	2,023	641	503	269	1,362
1983	Wet	128	1,028	1,578	2,446	4,476	3,998	2,968	2,023	658	539	1,771	2,111
1984	Above Normal	1,239	1,297	1,982	3,042	3,909	3,672	2,552	1,742	557	491	491	1,874
1985	Dry	621	1,130	1,563	2,273	2,386	2,159	1,157	422	126	73	73	390
1986	Wet	763	1,363	2,088	3,080	3,875	3,624	2,692	1,836	585	518	518	1,979
1987	Critical	569	1,035	1,432	2,089	2,193	1,985	1,068	393	121	68	68	368
1988	Critical	358	451	638	1,382	1,725	1,044	613	453	195	16	16	242
1989	Critical	388	487	689	1,498	1,871	1,128	660	487	207	16	16	260
1990	Critical	294	372	521	1,113	1,388	849	506	375	168	16	16	199
1991	Critical	415	521	740	1,613	2,017	1,212	706	520	218	16	16	269
1992	Critical	354	445	628	1,354	1,690	1,023	602	445	193	16	16	237
1993	Wet	1,049	1,717	2,077	3,802	3,895	3,497	2,157	877	273	215	215	917
1994	Critical	498	903	1,249	1,819	1,912	1,732	937	351	114	61	61	335
1995	Wet	1,095	1,501	2,125	2,968	4,476	3,998	2,968	2,023	641	571	571	2,111
1996	Wet	1,263	1,370	3,143	3,877	3,699	3,699	2,747	1,874	597	302	123	1,927
1997	Wet	1,935	1,296	2,051	3,033	3,897	3,661	2,544	1,737	556	489	489	1,204
1998	Wet	1,048	730	1,828	2,500	4,062	3,998	2,968	2,023	641	571	571	2,186
1999	Above Normal	1,041	1,706	2,064	3,783	3,875	3,479	2,146	873	272	214	214	881
2000	Above Normal	741	1,494	1,873	2,655	2,792	2,448	1,378	493	138	85	85	644
2001	Dry	568	1,032	1,431	2,083	2,187	1,980	1,065	392	121	68	68	380
2002	Dry	511	927	1,281	1,864	1,958	1,774	959	358	115	62	62	342
2003	Below Normal	593	1,079	1,496	2,177	2,286	2,068	1,111	n/a	n/a	n/a	n/a	n/a

Change in Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	230	-1,851	-1,617	-1,271	339	565	670	1,053	378	366	-209	499
1923	Above Normal	-16	-36	-46	-73	-76	-66	-36	-12	-2	-2	-2	-17
1924	Critical	-2	-3	-5	-9	-12	-7	-4	-3	-1	0	0	-1
1925	Below Normal	-26	-49	-69	-104	-108	-98	-50	-16	-3	-3	-3	-18
1926	Dry	-8	-15	-23	-35	-37	-33	-17	-5	-1	-1	-1	-6
1927	Above Normal	-63	-70	-105	-1,033	-152	-132	-72	-23	-4	-4	-4	-33
1928	Below Normal	-38	-73	-102	-154	-161	-145	-75	-24	-4	-4	-4	-27
1929	Critical	-3	-3	-5	-15	-19	-11	-6	-4	-1	0	0	-2
1930	Critical	-8	-10	-16	-36	-46	-26	-15	-11	-4	0	0	-6
1931	Critical	-44	-8	-13	-32	-40	-39	-13	-9	-3	0	0	-91
1932	Above Normal	-73	-140	-192	-281	-295	-257	-140	-45	-8	-8	-8	-67
1933	Dry	-4	-8	-10	-12	-13	-11	-6	-2	0	0	0	-2
1934	Critical	-9	-12	-18	-39	-49	-28	-15	-11	-4	0	0	-6
1935	Above Normal	-73	-153	-195	-290	-304	-265	-145	-47	-8	-8	-8	-67
1936	Above Normal	-325	31	-1,116	-237	71	62	34	11	2	2	2	0
1937	Wet	109	19	-35	-355	787	772	626	333	125	-216	-1,050	-999
1938	Wet	69	371	181	-294	-13	418	760	1,127	363	351	351	1,162
1939	Dry	-10	-361	584	784	826	664	417	135	23	22	14	24
1940	Above Normal	-54	-74	-344	-743	-82	-71	-39	-13	-2	-2	-2	-19
1941	Wet	-376	-1,856	-687	-1,267	126	289	311	789	261	253	-79	-163
1942	Wet	138	-740	-1,715	-1,279	245	277	481	915	338	327	226	-381
1943	Wet	-96	336	-1,173	432	569	580	516	295	117	113	113	146
1944	Below Normal	-27	-52	-72	-109	-114	-103	-53	-17	-3	-3	-3	0
1945	Above Normal	-14	6	-22	-110	-55	-48	-26	-9	-1	-492	-1,115	-183
1946	Above Normal	3	4	-221	35	37	32	18	6	1	1	1	-145
1947	Dry	-13	-24	-33	-49	-52	-47	-24	-8	-1	-1	-1	-8
1948	Below Normal	42	-6	-9	-25	-31	-18	-10	-7	-2	0	0	-4
1949	Below Normal	-9	-16	-24	-37	-39	-35	-18	-6	-1	-1	-1	-6
1950	Below Normal	-17	-31	-44	-66	-69	-62	-32	-10	0	-1,202	-1,202	-1,212
1951	Above Normal	220	573	571	754	795	628	407	131	23	22	22	-112
1952	Wet	186	-756	-51	-1,391	139	288	465	896	293	284	-15	784
1953	Below Normal	-2	-7	-9	-15	-17	-14	-8	-2	0	0	0	-3
1954	Below Normal	-5	-10	-15	-24	-25	-23	-12	-4	-1	-1	-1	-4
1955	Dry	-8	-14	-18	-27	-28	-25	-13	-4	-1	-1	-1	-1,205
1956	Wet	-454	-655	-502	-1,236	-77	158	739	1,133	405	392	392	1,042
1957	Below Normal	23	45	57	76	81	71	38	12	2	2	2	14
1958	Wet	105	-827	-747	-1,233	215	169	234	736	246	238	238	815
1959	Dry	-6	-79	-9	-8	-8	-8	-4	-1	0	0	0	-1
1960	Critical	-5	-6	-10	-23	-29	-17	-9	-7	-2	0	0	-4
1961	Critical	-8	-9	-15	-34	-42	-24	-13	-10	-3	0	0	-5
1962	Below Normal	-76	-159	-202	-296	-310	-271	-148	-48	-8	-8	-8	-805
1963	Above Normal	-42	-90	-112	-166	-174	-151	-83	-27	-5	-4	-4	-38
1964	Dry	-5	-8	-10	-13	-13	-12	-6	-2	0	0	-1,144	-1,202
1965	Wet	35	71	91	124	130	113	62	20	3	3	-464	-184
1966	Below Normal	-34	-181	-832	10	10	9	5	2	0	0	-44	-1,188
1967	Wet	-921	202	324	-1,236	-762	373	448	303	90	87	87	324
1968	Dry	205	765	861	580	309	916	462	-129	-108	62	53	77
1969	Wet	313	251	546	-125	-4	575	730	494	146	141	-469	428
1970	Above Normal	-118	622	784	1,121	1,175	1,024	560	181	31	30	30	267
1971	Below Normal	-41	-76	-107	-160	-167	-150	-78	-25	-4	-4	-4	-27
1972	Dry	-7	-13	-17	-23	-24	-22	-11	-4	-1	-1	-1	-4
1973	Above Normal	-46	-31	-42	-1,216	-17	-15	-8	-3	0	0	-1,200	-506
1974	Wet	-611	330	-798	-610	619	540	295	95	16	16	16	141
1975	Wet	-67	-100	-138	-659	-195	-170	-93	-30	-5	-5	-5	-43
1976	Critical	-3	-4	-5	-9	-11	-6	-4	-3	-1	0	0	-1
1977	Critical	-7	-9	-13	-29	-37	-67	-12	-8	-3	0	0	-5
1978	Wet	238	263	412	-1,358	-765	282	540	366	108	105	-467	167
1979	Above Normal	-338	-427	-1,092	-555	821	975	880	1,089	376	364	43	744
1980	Wet	335	375	-1,009	-1,497	-430	433	768	1,128	363	351	351	1,249
1981	Dry	57	115	143	200	149	123	100	32	6	5	5	-1,019
1982	Wet	-889	317	-626	-1,493	-248	435	770	-70	-836	352	157	794
1983	Wet	36	71	98	95	9	129	95	64	-733	18	18	69
1984	Above Normal	-18	-300	-23	190	911	1,044	1,075	1,217	414	400	400	1,183
1985	Dry	25	45	61	86	90	81	42	13	2	2	2	0
1986	Wet	298	-1,670	-1,360	-1,349	377	560	977	1,235	429	415	415	1,175
1987	Critical	86	160	224	198	-173	572	251	-208	-125	52	52	56
1988	Critical	19	23	33	76	95	55	30	22	8	0	0	12
1989	Critical	-7	-9	-16	-35	-45	-26	-14	-10	-4	0	0	-6
1990	Critical	-7	-8	-14	-31	-38	-22	-12	-9	-3	0	0	-5
1991	Critical	-7	-10	-14	-35	-44	-25	-14	-10	-3	0	0	-5
1992	Critical	-9	-12	-19	-43	-54	-31	-17	-12	-4	0	0	-99
1993	Wet	-108	-1,413	-1,409	-547	105	178	303	230	108	105	105	46
1994	Critical	7	13	18	29	31	28	14	5	1	1	-156	-1,195
1995	Wet	59	-1,130	95	-1,108	8	124	92	62	18	18	18	66
1996	Wet	434	-1,402	2	-303	432	836	1,142	1,308	446	211	32	1,269
1997	Wet	-34	-287	-540	308	1,032	1,148	1,131	1,232	416	402	402	814
1998	Wet	146	164	250	-72	-419	421	311	211	62	60	60	233
1999	Above Normal	326	261	250	1,204	1,163	1,101	807	392	136	131	131	277
2000	Above Normal	-55	-105	-134	-610	-155	-135	-74	-24	-4	-4	-4	-35
2001	Dry	0	-1	-1	-3	-3	-3	-1	0	0	0	0	-1
2002	Dry	-7	-13	-20	-28	-30	-27	-14	-4	-1	-1	-1	-5
2003	Below Normal	-31	-57	-79	-120	-126	-113	-58	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Friant-Kern Canal Diversions (Node D18A)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	24%	-60%	-46%	-29%	9%	18%	37%	168%	235%	342%	-31%	38%
1923	Above Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	-2%
1924	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1925	Below Normal	-4%	-4%	-4%	-5%	-5%	-5%	-4%	-4%	-2%	-4%	-4%	-4%
1926	Dry	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%
1927	Above Normal	-7%	-4%	-5%	-26%	-5%	-5%	-4%	-4%	-3%	-4%	-4%	-5%
1928	Below Normal	-6%	-6%	-6%	-7%	-7%	-6%	-6%	-6%	-3%	-5%	-5%	-6%
1929	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1930	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	0%	0%	-2%
1931	Critical	-27%	-4%	-5%	-6%	-6%	-9%	-4%	-4%	-3%	0%	0%	-47%
1932	Above Normal	-8%	-8%	-8%	-9%	-9%	-9%	-8%	-8%	-5%	-7%	-7%	-8%
1933	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	-1%
1934	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-3%
1935	Above Normal	-9%	-9%	-10%	-10%	-10%	-10%	-10%	-9%	-6%	-8%	-8%	-14%
1936	Above Normal	-28%	2%	-34%	-7%	2%	2%	2%	2%	1%	2%	2%	0%
1937	Wet	21%	1%	-2%	-9%	26%	29%	41%	62%	86%	-50%	-83%	-52%
1938	Wet	21%	47%	11%	-7%	0%	12%	34%	126%	130%	159%	159%	114%
1939	Dry	-1%	-19%	42%	39%	39%	35%	41%	35%	20%	34%	22%	7%
1940	Above Normal	-7%	-5%	-15%	-22%	-3%	-3%	-3%	-2%	-2%	-2%	-2%	-3%
1941	Wet	-24%	-60%	-28%	-29%	3%	9%	15%	93%	98%	121%	-15%	-8%
1942	Wet	14%	-39%	-49%	-29%	7%	9%	27%	146%	211%	308%	222%	-19%
1943	Wet	-19%	23%	-37%	13%	18%	21%	33%	53%	79%	119%	119%	20%
1944	Below Normal	-4%	-5%	-5%	-5%	-5%	-5%	-5%	-4%	-2%	-4%	-4%	0%
1945	Above Normal	-2%	0%	-1%	-3%	-2%	-2%	-2%	-1%	-1%	-83%	-92%	-19%
1946	Above Normal	0%	0%	-10%	1%	1%	1%	1%	1%	1%	1%	1%	-18%
1947	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	-2%
1948	Below Normal	11%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-2%
1950	Below Normal	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	0%	-95%	-95%	-76%
1951	Above Normal	35%	50%	36%	32%	33%	28%	34%	31%	18%	29%	29%	-13%
1952	Wet	26%	-44%	-3%	-31%	4%	8%	22%	105%	110%	135%	-3%	71%
1953	Below Normal	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%
1954	Below Normal	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1955	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-77%
1956	Wet	-26%	-33%	-20%	-29%	-2%	5%	39%	173%	244%	350%	350%	118%
1957	Below Normal	3%	3%	3%	3%	3%	3%	3%	3%	2%	3%	3%	3%
1958	Wet	11%	-51%	-31%	-28%	6%	5%	11%	86%	92%	114%	114%	92%
1959	Dry	-1%	-7%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	0%	0%	-2%
1961	Critical	-3%	-3%	-3%	-3%	-4%	-3%	-3%	-3%	-2%	0%	0%	-3%
1962	Below Normal	-9%	-9%	-9%	-10%	-10%	-10%	-9%	-9%	-5%	-8%	-8%	-54%
1963	Above Normal	-5%	-5%	-5%	-5%	-5%	-5%	-5%	-4%	-3%	-4%	-4%	-5%
1964	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-95%	-78%
1965	Wet	4%	4%	4%	4%	4%	4%	4%	3%	2%	3%	-82%	-19%
1966	Below Normal	-5%	-13%	-34%	0%	0%	0%	0%	0%	0%	0%	-37%	-74%
1967	Wet	-39%	18%	21%	-29%	-17%	10%	18%	18%	16%	18%	18%	18%
1968	Dry	44%	131%	103%	32%	14%	67%	59%	-22%	-45%	381%	328%	25%
1969	Wet	49%	46%	45%	-4%	0%	17%	33%	32%	30%	33%	-45%	24%
1970	Above Normal	-10%	44%	44%	44%	44%	44%	42%	38%	23%	37%	37%	43%
1971	Below Normal	-6%	-7%	-7%	-7%	-7%	-7%	-6%	-6%	-3%	-6%	-6%	-6%
1972	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1973	Above Normal	-6%	-2%	-2%	-30%	-1%	-1%	-1%	0%	0%	0%	-93%	-42%
1974	Wet	-38%	19%	-24%	-14%	19%	19%	19%	17%	11%	17%	17%	19%
1975	Wet	-8%	-6%	-6%	-19%	-6%	-6%	-6%	-5%	-3%	-5%	-5%	-6%
1976	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	-1%
1977	Critical	-4%	-4%	-5%	-5%	-5%	-15%	-4%	-4%	-2%	0%	0%	-4%
1978	Wet	28%	23%	22%	-31%	-17%	8%	22%	22%	20%	22%	-45%	8%
1979	Above Normal	-23%	-26%	-37%	-15%	27%	37%	59%	206%	261%	401%	53%	197%
1980	Wet	37%	33%	-30%	-34%	-10%	12%	35%	127%	131%	160%	160%	134%
1981	Dry	9%	9%	9%	9%	6%	6%	8%	7%	4%	7%	7%	-62%
1982	Wet	-39%	59%	-21%	-33%	-6%	12%	35%	-3%	-57%	234%	140%	140%
1983	Wet	40%	7%	7%	4%	0%	3%	3%	3%	-53%	4%	1%	3%
1984	Above Normal	-1%	-19%	-1%	7%	30%	40%	73%	232%	288%	444%	444%	171%
1985	Dry	4%	4%	4%	4%	4%	4%	4%	3%	2%	3%	3%	0%
1986	Wet	64%	-55%	-39%	-30%	11%	18%	57%	205%	273%	403%	403%	146%
1987	Critical	18%	18%	18%	10%	-7%	40%	31%	-35%	-51%	320%	320%	18%
1988	Critical	5%	5%	5%	6%	6%	6%	5%	5%	4%	0%	0%	5%
1989	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	0%	-2%
1990	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	0%	0%	-2%
1991	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	0%	-2%
1992	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-29%
1993	Wet	-9%	-45%	-40%	-13%	3%	5%	16%	36%	66%	95%	95%	5%
1994	Critical	1%	1%	1%	2%	2%	2%	2%	1%	1%	1%	-72%	-78%
1995	Wet	6%	-43%	5%	-27%	0%	3%	3%	3%	3%	3%	3%	3%
1996	Wet	52%	-51%	0%	-7%	13%	29%	71%	231%	296%	232%	35%	193%
1997	Wet	-2%	-18%	-21%	11%	36%	46%	80%	244%	297%	463%	463%	208%
1998	Wet	16%	29%	16%	-3%	-9%	12%	12%	12%	11%	12%	12%	12%
1999	Above Normal	46%	18%	14%	47%	43%	46%	60%	82%	100%	158%	158%	46%
2000	Above Normal	-7%	-7%	-7%	-19%	-5%	-5%	-5%	-5%	-3%	-4%	-4%	-5%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	-1%	-1%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
2003	Below Normal	-5%	-5%	-5%	-5%	-5%	-5%	-5%	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	957	1,250	1,225	1,064	400	48	5	0	6	5
1923	Above Normal	117	322	617	855	1,000	867	322	39	0	0	0	0
1924	Critical	0	0	111	301	369	257	36	0	0	0	0	0
1925	Below Normal	0	0	263	793	963	665	106	0	0	0	0	0
1926	Dry	0	0	238	711	865	597	94	0	0	0	0	0
1927	Above Normal	116	348	671	1,072	1,080	937	350	38	2	1	1	3
1928	Below Normal	0	0	277	834	1,013	699	112	0	0	0	0	0
1929	Critical	0	0	159	457	557	386	58	0	0	0	0	0
1930	Critical	0	0	155	445	543	376	56	0	0	0	0	0
1931	Critical	0	0	77	194	140	49	246	0	0	0	0	4
1932	Above Normal	117	366	703	974	1,138	987	369	48	5	0	0	0
1933	Dry	0	0	242	726	882	609	96	0	0	0	0	0
1934	Critical	0	0	142	403	491	341	50	0	0	0	0	0
1935	Above Normal	65	107	645	894	1,045	906	337	49	0	0	0	32
1936	Above Normal	59	329	824	916	1,011	876	326	30	5	1	1	65
1937	Wet	43	517	791	1,101	987	855	317	38	0	3	12	0
1938	Wet	9	219	1,124	1,250	1,250	1,221	462	35	15	0	0	14
1939	Dry	32	143	229	683	830	573	90	0	0	0	0	0
1940	Above Normal	78	302	622	1,174	1,250	930	145	0	0	0	0	107
1941	Wet	15	14	1,016	1,250	1,250	1,250	568	75	20	10	13	11
1942	Wet	68	391	932	1,213	1,231	1,069	402	51	5	0	52	29
1943	Wet	168	337	820	925	1,041	903	336	41	1	0	0	0
1944	Below Normal	0	0	268	809	983	678	108	0	0	0	0	155
1945	Above Normal	107	379	732	1,029	1,190	1,033	388	48	5	5	12	14
1946	Above Normal	109	301	617	789	923	800	296	36	0	0	0	22
1947	Dry	0	0	255	765	929	641	102	0	0	0	0	0
1948	Below Normal	0	0	199	585	712	492	76	0	0	0	0	0
1949	Below Normal	0	0	227	676	822	568	89	0	0	0	0	0
1950	Below Normal	0	0	255	764	929	641	102	0	0	201	62	68
1951	Above Normal	0	0	272	821	998	688	110	0	0	0	0	5
1952	Wet	3	249	1,076	1,250	1,250	1,195	451	67	10	0	3	15
1953	Below Normal	0	0	302	916	1,112	767	124	0	0	0	0	0
1954	Below Normal	0	0	241	720	875	604	96	0	0	0	0	0
1955	Dry	0	0	237	709	861	595	94	0	0	130	274	28
1956	Wet	221	411	795	1,215	1,250	1,171	442	59	8	0	0	0
1957	Below Normal	0	0	300	911	1,105	762	123	0	0	0	0	0
1958	Wet	31	3	1,082	1,250	1,250	1,183	447	66	10	0	0	0
1959	Dry	0	11	242	724	880	608	96	0	0	0	0	0
1960	Critical	0	0	150	428	521	362	54	0	0	0	0	0
1961	Critical	0	0	115	315	385	268	38	0	0	0	0	0
1962	Below Normal	87	343	655	908	1,060	920	343	43	1	0	0	31
1963	Above Normal	138	379	720	998	1,166	1,012	379	38	7	0	0	0
1964	Dry	0	0	219	648	788	545	85	0	0	0	12	78
1965	Wet	130	359	683	947	1,106	960	359	43	1	0	5	9
1966	Below Normal	1	0	421	829	1,006	694	111	0	0	0	0	50
1967	Wet	217	14	1,250	1,250	1,250	1,250	812	257	15	11	9	45
1968	Dry	0	0	197	580	706	488	76	0	0	0	114	0
1969	Wet	3	285	1,166	1,250	1,250	1,156	646	70	19	0	6	5
1970	Above Normal	32	0	318	968	1,175	810	131	0	0	0	0	0
1971	Below Normal	0	0	279	845	1,026	708	113	0	0	0	0	0
1972	Dry	0	0	225	669	813	562	88	0	0	0	0	0
1973	Above Normal	24	326	626	1,080	973	843	313	29	2	1	54	21
1974	Wet	192	338	850	1,092	1,043	904	337	41	1	0	0	0
1975	Wet	47	347	668	998	1,073	931	347	44	1	0	0	0
1976	Critical	0	0	162	466	568	393	59	0	0	0	0	0
1977	Critical	0	0	80	204	251	49	154	0	0	0	0	97
1978	Wet	13	3	1,250	1,250	1,250	1,250	734	171	10	0	6	2
1979	Above Normal	21	317	755	949	967	838	311	38	0	0	154	234
1980	Wet	103	522	1,064	1,250	1,250	1,213	458	59	10	0	0	0
1981	Dry	0	0	285	862	1,047	722	116	0	0	0	0	40
1982	Wet	10	116	1,169	1,250	1,250	1,250	542	232	92	217	232	2
1983	Wet	0	34	1,250	1,250	1,250	1,250	986	193	102	226	64	38
1984	Above Normal	184	308	590	818	957	829	307	37	0	0	0	0
1985	Dry	0	0	251	751	913	630	100	0	0	0	0	215
1986	Wet	149	488	902	1,225	1,162	1,008	378	47	8	0	0	0
1987	Critical	0	0	204	601	731	505	79	0	0	0	0	0
1988	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1989	Critical	0	0	169	491	597	414	63	0	0	0	0	0
1990	Critical	0	0	132	371	453	315	46	0	0	0	0	0
1991	Critical	0	0	180	526	640	443	68	0	0	0	0	0
1992	Critical	0	0	157	449	547	379	57	0	0	0	0	4
1993	Wet	45	517	945	1,222	1,250	1,134	427	55	5	0	0	0
1994	Critical	0	0	207	612	744	514	80	0	0	0	1	57
1995	Wet	78	311	1,250	1,250	1,250	1,250	1,113	418	21	13	10	24
1996	Wet	227	484	821	1,092	1,067	926	345	35	3	98	698	136
1997	Wet	246	304	684	1,060	1,250	923	144	0	0	0	0	94
1998	Wet	47	83	1,250	1,250	1,250	1,250	928	198	56	43	34	57
1999	Above Normal	0	0	323	984	1,194	823	133	0	0	0	0	0
2000	Above Normal	17	316	605	897	959	831	308	8	7	5	4	4
2001	Dry	0	0	238	710	863	596	94	0	0	0	0	0
2002	Dry	0	0	218	646	785	543	85	0	0	0	0	0
2003	Below Normal	0	0	268	807	980	676	108	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	1,045	1,250	1,250	1,250	1,181	270	23	12	10	9
1923	Above Normal	114	312	599	828	968	839	311	38	0	0	0	0
1924	Critical	0	0	110	299	365	255	35	0	0	0	0	0
1925	Below Normal	0	0	248	741	900	621	99	0	0	0	0	0
1926	Dry	0	0	235	700	850	587	93	0	0	0	0	0
1927	Above Normal	108	329	629	870	1,017	881	328	36	1	1	1	2
1928	Below Normal	0	0	253	757	919	635	101	0	0	0	0	0
1929	Critical	0	0	158	453	552	383	57	0	0	0	0	0
1930	Critical	0	0	152	434	529	367	55	0	0	0	0	0
1931	Critical	0	0	74	184	88	49	278	0	0	0	0	0
1932	Above Normal	108	328	628	869	1,016	880	327	40	0	0	0	0
1933	Dry	0	0	241	722	877	606	96	0	0	0	0	0
1934	Critical	0	0	138	391	477	331	49	0	0	0	0	0
1935	Above Normal	0	0	330	1,003	1,217	839	136	0	0	0	0	0
1936	Above Normal	18	346	660	912	1,065	924	344	34	7	2	2	0
1937	Wet	10	446	853	1,187	1,250	1,250	515	94	10	0	0	0
1938	Wet	0	219	1,250	1,250	1,250	1,250	1,164	161	71	63	51	87
1939	Dry	109	299	573	794	928	804	297	36	0	0	0	0
1940	Above Normal	0	0	337	1,023	1,242	856	139	0	0	0	0	0
1941	Wet	0	14	1,085	1,250	1,250	1,250	1,250	142	71	66	53	47
1942	Wet	147	537	898	1,181	1,250	1,235	691	131	10	0	0	0
1943	Wet	43	436	832	1,148	1,250	1,221	462	74	10	0	0	0
1944	Below Normal	0	0	252	754	916	632	101	0	0	0	0	0
1945	Above Normal	106	380	723	1,000	1,167	1,013	380	48	5	0	0	0
1946	Above Normal	110	302	581	802	938	813	301	36	0	0	0	0
1947	Dry	0	0	247	740	899	621	98	0	0	0	0	0
1948	Below Normal	0	0	197	577	703	486	75	0	0	0	0	0
1949	Below Normal	0	0	224	664	807	558	88	0	0	0	0	0
1950	Below Normal	0	0	244	731	888	613	97	0	0	0	0	0
1951	Above Normal	121	341	652	903	1,055	915	341	41	1	0	0	0
1952	Wet	3	249	1,125	1,250	1,250	1,250	1,174	385	71	68	68	83
1953	Below Normal	0	0	300	908	1,103	760	123	0	0	0	0	0
1954	Below Normal	0	0	239	712	865	597	94	0	0	0	0	0
1955	Dry	0	0	234	700	850	587	93	0	0	0	0	0
1956	Wet	178	598	1,084	1,250	1,250	1,250	1,199	262	74	68	68	104
1957	Below Normal	0	0	313	950	1,153	795	128	0	0	0	0	0
1958	Wet	35	3	1,036	1,250	1,250	1,250	1,137	318	10	0	0	0
1959	Dry	0	0	241	721	877	605	96	0	0	0	0	0
1960	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1961	Critical	0	0	111	305	373	260	36	0	0	0	0	0
1962	Below Normal	78	300	576	797	932	807	299	37	0	0	0	0
1963	Above Normal	129	355	677	937	1,094	949	355	36	3	1	1	5
1964	Dry	0	0	217	644	783	541	85	0	0	0	0	0
1965	Wet	137	378	718	993	1,160	1,007	377	47	5	0	0	0
1966	Below Normal	0	0	277	834	1,012	698	112	0	0	0	0	0
1967	Wet	169	14	1,250	1,250	1,250	1,250	1,218	417	71	68	68	95
1968	Dry	0	0	295	893	1,085	748	120	0	0	0	0	0
1969	Wet	3	285	1,250	1,250	1,250	1,250	1,164	148	71	66	52	62
1970	Above Normal	123	431	815	1,128	1,250	1,186	448	61	5	0	0	0
1971	Below Normal	0	0	255	764	928	641	102	0	0	0	0	0
1972	Dry	0	0	222	661	804	555	87	0	0	0	0	0
1973	Above Normal	23	317	609	845	987	856	318	31	2	2	1	1
1974	Wet	130	428	808	1,116	1,250	1,165	440	59	5	0	0	0
1975	Wet	47	319	613	847	990	858	319	41	0	0	0	0
1976	Critical	0	0	161	463	564	391	59	0	0	0	0	0
1977	Critical	0	0	77	195	240	49	145	0	0	0	0	0
1978	Wet	0	3	1,250	1,250	1,250	1,250	836	423	71	68	68	76
1979	Above Normal	104	518	972	1,250	1,250	1,250	908	219	14	4	3	3
1980	Wet	33	766	1,250	1,250	1,250	1,250	1,250	379	71	68	68	92
1981	Dry	0	0	318	966	1,172	808	131	0	0	0	0	0
1982	Wet	39	52	1,250	1,250	1,250	1,250	862	175	71	68	256	0
1983	Wet	37	34	1,250	1,250	1,250	1,250	986	193	100	225	62	37
1984	Above Normal	191	626	1,040	1,250	1,250	1,250	1,166	192	55	42	34	62
1985	Dry	0	0	265	795	965	666	106	0	0	0	0	0
1986	Wet	15	509	1,162	1,250	1,250	1,250	1,095	418	74	68	68	86
1987	Critical	0	0	238	711	864	597	94	0	0	0	0	0
1988	Critical	0	0	155	444	541	375	56	0	0	0	0	0
1989	Critical	0	0	166	480	584	405	61	0	0	0	0	0
1990	Critical	0	0	129	362	441	307	44	0	0	0	0	0
1991	Critical	0	0	177	515	627	434	66	0	0	0	0	0
1992	Critical	0	0	152	435	531	368	55	0	0	0	0	0
1993	Wet	33	460	868	1,197	1,250	1,250	535	101	10	0	0	0
1994	Critical	0	0	210	621	756	522	82	0	0	0	0	0
1995	Wet	0	311	1,250	1,250	1,250	1,250	1,183	418	26	17	13	26
1996	Wet	108	549	1,250	1,250	1,250	1,250	1,245	122	71	68	292	52
1997	Wet	250	624	1,049	1,250	1,250	1,250	1,147	378	15	11	9	0
1998	Wet	0	83	1,250	1,250	1,250	1,250	1,124	198	71	68	68	86
1999	Above Normal	162	446	842	1,163	1,250	1,248	472	72	10	0	0	0
2000	Above Normal	0	0	337	1,023	1,242	856	139	0	0	0	0	0
2001	Dry	0	0	238	709	862	595	94	0	0	0	0	0
2002	Dry	0	0	215	636	774	535	84	0	0	0	0	0
2003	Below Normal	0	0	250	746	907	626	99	n/a	n/a	n/a	n/a	n/a

Change in Simulated Madera Canal Diversions (Node D18B)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	88	0	25	186	781	222	18	12	4	4
1923	Above Normal	-3	-10	-18	-27	-31	-27	-11	-1	0	0	0	0
1924	Critical	0	0	-1	-3	-3	-2	0	0	0	0	0	0
1925	Below Normal	0	0	-16	-52	-63	-43	-7	0	0	0	0	0
1926	Dry	0	0	-3	-12	-14	-10	-2	0	0	0	0	0
1927	Above Normal	-8	-19	-41	-203	-63	-55	-22	-2	-2	0	0	-1
1928	Below Normal	0	0	-24	-77	-94	-64	-11	0	0	0	0	0
1929	Critical	0	0	-1	-5	-6	-4	-1	0	0	0	0	0
1930	Critical	0	0	-4	-11	-14	-9	-2	0	0	0	0	0
1931	Critical	0	0	-3	-10	-52	0	32	0	0	0	0	-4
1932	Above Normal	-9	-38	-75	-105	-122	-107	-42	-8	-5	0	0	0
1933	Dry	0	0	-2	-4	-5	-3	-1	0	0	0	0	0
1934	Critical	0	0	-4	-12	-14	-10	-2	0	0	0	0	0
1935	Above Normal	-65	-107	-314	109	172	-67	-201	-49	0	0	0	-32
1936	Above Normal	-41	17	-163	-4	54	47	19	3	2	1	1	-65
1937	Wet	-33	-70	63	86	263	395	198	55	10	-3	-12	0
1938	Wet	-9	0	126	0	0	29	702	126	56	63	51	73
1939	Dry	77	156	343	111	99	231	207	36	0	0	0	0
1940	Above Normal	-78	-302	-285	-151	-8	-74	-6	0	0	0	0	-107
1941	Wet	-15	0	69	0	0	0	682	67	51	56	40	36
1942	Wet	79	146	-34	-31	19	166	290	80	5	0	-52	-29
1943	Wet	-125	99	12	224	209	319	125	33	8	0	0	0
1944	Below Normal	0	0	-17	-55	-67	-46	-8	0	0	0	0	-155
1945	Above Normal	-2	1	-9	-29	-23	-20	-8	0	0	-5	-12	-14
1946	Above Normal	1	1	-36	13	15	13	5	1	0	0	0	-22
1947	Dry	0	0	-8	-25	-30	-21	-4	0	0	0	0	0
1948	Below Normal	0	0	-2	-8	-9	-6	-1	0	0	0	0	0
1949	Below Normal	0	0	-4	-12	-15	-10	-2	0	0	0	0	0
1950	Below Normal	0	0	-10	-33	-40	-28	-5	0	0	-201	-62	-68
1951	Above Normal	121	341	380	82	58	227	231	41	1	0	0	-5
1952	Wet	0	0	48	0	0	55	723	318	61	68	66	68
1953	Below Normal	0	0	-2	-8	-10	-7	-1	0	0	0	0	0
1954	Below Normal	0	0	-2	-8	-10	-7	-1	0	0	0	0	0
1955	Dry	0	0	-3	-9	-11	-7	-1	0	0	-130	-274	-28
1956	Wet	-43	187	289	35	0	79	757	204	66	68	68	104
1957	Below Normal	0	0	13	39	47	33	6	0	0	0	0	0
1958	Wet	4	0	-47	0	0	67	690	251	0	0	0	0
1959	Dry	0	-11	-1	-3	-3	-2	0	0	0	0	0	0
1960	Critical	0	0	-2	-7	-8	-6	-1	0	0	0	0	0
1961	Critical	0	0	-3	-10	-13	-9	-1	0	0	0	0	0
1962	Below Normal	-9	-43	-78	-111	-129	-113	-44	-6	-1	0	0	-31
1963	Above Normal	-8	-24	-43	-61	-71	-62	-25	-2	-4	1	1	5
1964	Dry	0	0	-2	-4	-5	-3	-1	0	0	0	-12	-78
1965	Wet	7	19	35	46	53	47	18	3	3	0	-5	-9
1966	Below Normal	-1	0	-144	5	6	4	1	0	0	0	0	-50
1967	Wet	-48	0	0	0	0	0	405	160	56	57	59	50
1968	Dry	0	0	98	313	379	260	45	0	0	0	-114	0
1969	Wet	0	0	84	0	0	94	518	78	51	66	46	57
1970	Above Normal	92	431	497	159	75	376	316	61	5	0	0	0
1971	Below Normal	0	0	-25	-80	-97	-67	-11	0	0	0	0	0
1972	Dry	0	0	-3	-8	-9	-6	-1	0	0	0	0	0
1973	Above Normal	-2	-9	-17	-235	15	13	5	2	0	0	-53	-20
1974	Wet	-62	90	-41	24	207	261	103	18	3	0	0	0
1975	Wet	0	-28	-55	-150	-83	-73	-29	-4	-1	0	0	0
1976	Critical	0	0	-1	-3	-3	-2	0	0	0	0	0	0
1977	Critical	0	0	-3	-9	-11	0	-9	0	0	0	0	-97
1978	Wet	-13	0	0	0	0	0	101	252	61	68	63	73
1979	Above Normal	83	201	217	301	283	412	597	181	14	4	-151	-231
1980	Wet	-70	244	186	0	0	37	792	320	61	68	68	92
1981	Dry	0	0	33	104	125	86	15	0	0	0	0	-40
1982	Wet	29	-65	81	0	0	0	321	-57	-21	-148	24	-2
1983	Wet	37	0	0	0	0	0	0	0	-3	-2	-2	-1
1984	Above Normal	7	318	449	432	293	421	859	155	55	42	34	62
1985	Dry	0	0	14	43	52	36	6	0	0	0	0	-215
1986	Wet	-134	21	260	25	88	242	717	371	66	68	68	86
1987	Critical	0	0	34	110	133	91	16	0	0	0	0	0
1988	Critical	0	0	7	23	28	19	3	0	0	0	0	0
1989	Critical	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1990	Critical	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
1991	Critical	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1992	Critical	0	0	-4	-13	-16	-11	-2	0	0	0	0	-4
1993	Wet	-12	-56	-78	-24	0	116	108	46	5	0	0	0
1994	Critical	0	0	3	10	12	8	1	0	0	0	-1	-57
1995	Wet	-78	0	0	0	0	0	70	0	5	4	3	2
1996	Wet	-119	65	429	158	183	324	900	86	68	-30	-406	-84
1997	Wet	4	320	365	190	0	327	1,003	378	15	11	9	-94
1998	Wet	-47	0	0	0	0	0	196	0	15	25	34	30
1999	Above Normal	162	446	519	179	56	425	339	72	10	0	0	0
2000	Above Normal	-17	-316	-269	126	283	25	-169	-8	-7	-5	-4	-4
2001	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
2002	Dry	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
2003	Below Normal	0	0	-18	-61	-73	-50	-9	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Madera Canal Diversions (Node D18B)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	0%	10%	0%	2%	17%	201%	463%	867%	-	406%	738%
1923	Above Normal	2%	2%	2%	2%	2%	2%	2%	2%	-	-	-	-
1924	Critical	-	-	-2%	-2%	-2%	-2%	-3%	-	-	-	-	-
1925	Below Normal	-	-	-5%	-5%	-5%	-5%	-5%	-	-	-	-	-
1926	Dry	-	-	-1%	-2%	-2%	-1%	-2%	-	-	-	-	-
1927	Above Normal	-6%	-5%	-5%	-18%	-5%	-5%	-5%	-3%	-7%	-17%	-17%	-17%
1928	Below Normal	-	-	-7%	-7%	-7%	-7%	-7%	-	-	-	-	-
1929	Critical	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
1930	Critical	-	-	-2%	-3%	-2%	-2%	-3%	-	-	-	-	-
1931	Critical	-	-	-4%	-5%	-37%	0%	13%	-	-	-	-	-100%
1932	Above Normal	-7%	-9%	-10%	-9%	-9%	-10%	-10%	-15%	-70%	-	-	-
1933	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1934	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-
1935	Above Normal	-100%	-100%	-47%	16%	20%	-3%	-58%	-100%	-	-	-	-100%
1936	Above Normal	-69%	6%	-19%	0%	6%	6%	7%	12%	36%	189%	189%	-100%
1937	Wet	-77%	-13%	8%	8%	27%	46%	66%	156%	-	-100%	-100%	-
1938	Wet	-100%	0%	11%	0%	0%	2%	152%	357%	386%	-	-	513%
1939	Dry	251%	114%	156%	19%	15%	44%	239%	-	-	-	-	-
1940	Above Normal	-100%	-100%	-45%	-10%	0%	-3%	2%	-	-	-	-	-100%
1941	Wet	-100%	0%	7%	0%	0%	0%	120%	90%	253%	584%	326%	343%
1942	Wet	115%	38%	-3%	-2%	2%	17%	74%	160%	100%	-	-100%	-100%
1943	Wet	-74%	30%	2%	25%	20%	37%	40%	85%	567%	-	-	-
1944	Below Normal	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-100%
1945	Above Normal	-1%	1%	0%	-2%	-1%	-1%	-1%	0%	0%	-100%	-100%	-100%
1946	Above Normal	2%	2%	-4%	4%	3%	4%	4%	4%	-	-	-	-100%
1947	Dry	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1948	Below Normal	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1949	Below Normal	-	-	-1%	-2%	-2%	-2%	-2%	-	-	-	-	-
1950	Below Normal	-	-	-3%	-3%	-3%	-3%	-4%	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	142%	11%	7%	35%	214%	-	-	-	-	-100%
1952	Wet	0%	0%	5%	0%	0%	5%	160%	472%	629%	-	2546%	446%
1953	Below Normal	-	-	3%	3%	3%	3%	3%	-	-	-	-	-
1954	Below Normal	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1955	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-100%	-100%	-100%
1956	Wet	-19%	46%	37%	3%	0%	7%	171%	347%	794%	-	-	-
1957	Below Normal	-	-	8%	9%	9%	9%	9%	-	-	-	-	-
1958	Wet	14%	0%	-4%	0%	0%	6%	158%	475%	0%	-	-	-
1959	Dry	-	-100%	1%	2%	2%	2%	2%	-	-	-	-	-
1960	Critical	-	-	-1%	-2%	-2%	-2%	-2%	-	-	-	-	-
1961	Critical	-	-	-3%	-3%	-3%	-3%	-4%	-	-	-	-	-
1962	Below Normal	-9%	-11%	-10%	-10%	-10%	-10%	-11%	-11%	-100%	-	-	-100%
1963	Above Normal	-6%	-6%	-5%	-5%	-5%	-5%	-6%	-6%	-55%	-	-	-
1964	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-100%	-100%
1965	Wet	6%	6%	6%	6%	6%	6%	7%	8%	233%	-	-100%	-100%
1966	Below Normal	-100%	-	-32%	4%	4%	4%	4%	-	-	-	-	-100%
1967	Wet	-22%	0%	0%	0%	0%	0%	50%	62%	386%	508%	660%	112%
1968	Dry	-	-	54%	60%	59%	59%	66%	-	-	-	-100%	-
1969	Wet	0%	0%	7%	0%	0%	8%	80%	111%	265%	-	776%	1190%
1970	Above Normal	290%	-	159%	18%	6%	50%	249%	-	-	-	-	-
1971	Below Normal	-	-	-5%	-5%	-5%	-5%	-5%	-	-	-	-	-
1972	Dry	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
1973	Above Normal	-6%	-1%	-1%	-20%	3%	4%	4%	8%	20%	20%	-98%	-95%
1974	Wet	-32%	27%	-4%	3%	20%	31%	32%	48%	233%	-	-	-
1975	Wet	0%	-7%	-7%	-14%	-6%	-7%	-7%	-7%	-100%	-	-	-
1976	Critical	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
1977	Critical	-	-	-4%	-4%	-4%	0%	-6%	-	-	-	-	-100%
1978	Wet	-100%	0%	0%	0%	0%	0%	14%	148%	629%	-	1097%	2947%
1979	Above Normal	402%	64%	30%	32%	29%	49%	206%	496%	-	-	-97%	-98%
1980	Wet	-34%	46%	17%	0%	0%	3%	173%	547%	629%	-	-	-
1981	Dry	-	-	15%	16%	16%	16%	17%	-	-	-	-	-100%
1982	Wet	288%	-56%	7%	0%	0%	0%	59%	-25%	-23%	-68%	7%	-100%
1983	Wet	-	0%	0%	0%	0%	0%	0%	0%	-8%	-1%	-3%	-4%
1984	Above Normal	4%	105%	78%	53%	31%	51%	287%	416%	-	-	-	-
1985	Dry	-	-	8%	9%	9%	9%	10%	-	-	-	-	-100%
1986	Wet	-90%	4%	29%	2%	8%	24%	190%	792%	794%	-	-	-
1987	Critical	-	-	16%	18%	18%	18%	20%	-	-	-	-	-
1988	Critical	-	-	5%	6%	5%	5%	6%	-	-	-	-	-
1989	Critical	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1990	Critical	-	-	-2%	-3%	-3%	-2%	-3%	-	-	-	-	-
1991	Critical	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1992	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-100%
1993	Wet	-27%	-10%	-7%	-1%	0%	10%	31%	102%	100%	-	-	-
1994	Critical	-	-	1%	1%	1%	1%	1%	-	-	-	-100%	-100%
1995	Wet	-100%	0%	0%	0%	0%	0%	6%	0%	22%	28%	28%	10%
1996	Wet	-52%	14%	52%	14%	17%	35%	261%	247%	2383%	-31%	-59%	-62%
1997	Wet	2%	107%	54%	18%	0%	35%	708%	-	-	-	-	-100%
1998	Wet	-100%	0%	0%	0%	0%	0%	21%	0%	27%	59%	98%	52%
1999	Above Normal	-	-	163%	20%	5%	52%	272%	-	-	-	-	-
2000	Above Normal	-100%	-100%	-43%	17%	30%	9%	-52%	-100%	-100%	-100%	-100%	-100%
2001	Dry	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
2002	Dry	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
2003	Below Normal	-	-	-5%	-6%	-6%	-6%	-6%	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	22	43	60	138	189	174	98	36	6	5	5	29
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	58	96	158	177	149	63	19	3	3	3	19
1927	Above Normal	26	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	24	43	103	133	80	35	24	8	0	0	12
1930	Critical	19	23	42	100	129	77	34	23	8	0	0	11
1931	Critical	7	8	15	36	41	19	26	8	3	0	0	4
1932	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	17	21	37	89	115	69	30	20	7	0	0	10
1935	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1936	Above Normal	28	47	80	157	188	158	73	24	4	4	4	20
1937	Wet	28	52	86	157	188	158	73	24	4	4	4	20
1938	Wet	17	28	56	129	191	177	100	38	11	6	6	30
1939	Dry	33	59	92	150	169	142	60	18	3	3	3	18
1940	Above Normal	31	52	86	158	188	152	71	21	4	4	3	20
1941	Wet	22	37	60	129	191	177	100	40	12	6	6	30
1942	Wet	22	43	64	138	189	174	98	36	6	5	5	29
1943	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	21	31	57	135	174	105	46	31	10	0	0	16
1949	Below Normal	30	55	91	149	168	141	60	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	33	59	98	162	182	153	65	20	3	3	3	20
1952	Wet	20	37	56	129	191	177	100	40	11	6	6	30
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	97	160	179	151	64	19	3	3	3	19
1955	Dry	32	57	95	157	176	148	63	19	3	3	3	19
1956	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	22	37	60	129	191	177	100	40	11	6	6	30
1959	Dry	33	59	98	161	180	152	64	20	3	3	3	20
1960	Critical	18	22	40	95	123	74	32	22	7	0	0	11
1961	Critical	13	15	28	67	86	52	23	15	5	0	0	8
1962	Below Normal	28	47	80	151	191	163	79	27	5	5	5	20
1963	Above Normal	26	43	64	146	187	170	95	33	5	5	5	20
1964	Dry	29	52	87	143	160	135	57	17	3	3	3	17
1965	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1966	Below Normal	37	62	98	162	182	153	65	20	3	3	3	20
1967	Wet	11	19	43	101	185	188	122	64	15	7	7	33
1968	Dry	26	31	56	134	173	104	46	31	10	0	0	15
1969	Wet	17	28	52	115	193	181	104	50	13	7	7	30
1970	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	54	90	148	166	139	59	18	3	3	3	18
1973	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1975	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1976	Critical	20	24	44	105	136	82	36	24	8	0	0	12
1977	Critical	7	9	16	39	50	20	21	9	3	0	0	4
1978	Wet	11	24	47	114	194	184	106	57	14	7	7	30
1979	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1980	Wet	17	28	56	129	191	177	100	40	11	6	6	30
1981	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1982	Wet	17	28	52	129	191	177	100	40	11	6	6	30
1983	Wet	3	9	35	101	183	197	130	68	23	9	8	34
1984	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1987	Critical	27	48	80	139	179	108	47	32	11	0	0	16
1988	Critical	18	21	39	94	121	73	32	22	7	0	0	11
1989	Critical	21	26	47	111	144	86	38	26	9	0	0	13
1990	Critical	16	19	34	81	105	63	28	19	6	0	0	9
1991	Critical	23	28	50	120	155	93	41	28	9	0	0	14
1992	Critical	19	23	42	101	130	78	34	23	8	0	0	12
1993	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1994	Critical	27	49	81	134	150	126	54	16	3	3	3	16
1995	Wet	3	9	30	101	183	197	130	78	20	7	7	34
1996	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1997	Wet	28	52	86	158	188	152	71	21	4	4	3	20
1998	Wet	9	14	39	101	179	191	124	64	19	9	9	35
1999	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2000	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
2001	Dry	32	57	96	157	177	149	63	19	3	3	3	19
2002	Dry	29	52	86	142	160	134	57	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 2 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	11	24	43	114	194	184	106	57	14	7	7	30
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	14	26	63	81	49	21	14	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	57	94	155	174	146	62	19	3	3	3	19
1927	Above Normal	28	47	86	157	188	158	73	24	4	4	4	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	19	23	43	102	131	79	35	23	8	0	0	12
1930	Critical	19	22	41	97	125	75	33	22	7	0	0	11
1931	Critical	4	8	14	34	35	16	27	8	3	0	0	4
1932	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1933	Dry	32	58	97	160	180	151	64	20	3	3	3	20
1934	Critical	17	20	36	86	111	67	29	20	7	0	0	10
1935	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1936	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1937	Wet	22	33	56	129	191	177	100	40	11	6	6	30
1938	Wet	3	5	30	101	183	197	130	66	23	10	10	37
1939	Dry	31	52	86	157	188	158	73	24	4	4	4	20
1940	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1941	Wet	14	24	47	114	194	184	106	56	17	7	7	30
1942	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1943	Wet	22	37	56	129	191	177	100	40	11	6	6	30
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	23	31	56	133	172	103	45	31	10	0	0	15
1949	Below Normal	30	54	89	146	164	138	59	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1952	Wet	11	19	43	101	185	188	122	64	19	7	7	35
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	96	158	177	149	63	19	3	3	3	19
1955	Dry	31	56	94	155	174	146	62	19	3	3	3	19
1956	Wet	9	14	39	101	179	191	124	68	20	11	8	36
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1959	Dry	33	58	97	160	180	151	64	19	3	3	3	19
1960	Critical	18	22	39	94	121	73	32	22	7	0	0	11
1961	Critical	12	15	27	64	83	50	22	15	5	0	0	7
1962	Below Normal	31	52	86	157	188	158	73	24	4	4	4	20
1963	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1964	Dry	29	52	86	142	159	134	57	17	3	3	3	17
1965	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1966	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1967	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1968	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1969	Wet	3	5	30	101	183	197	130	66	23	11	10	36
1970	Above Normal	20	37	60	138	189	174	98	36	6	5	5	29
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	53	88	146	164	138	58	18	3	3	3	18
1973	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1975	Wet	31	52	86	157	188	158	73	24	4	4	4	20
1976	Critical	20	24	44	105	135	81	35	24	8	0	0	12
1977	Critical	7	8	15	37	47	16	20	8	3	0	0	4
1978	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1979	Above Normal	14	24	47	114	194	184	106	57	14	7	7	30
1980	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1981	Dry	33	56	90	158	188	152	71	21	4	4	3	20
1982	Wet	3	5	30	101	183	197	130	67	23	11	9	32
1983	Wet	3	5	30	101	183	197	130	68	23	9	8	34
1984	Above Normal	11	19	43	101	185	188	122	62	18	9	8	34
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	9	14	39	101	179	191	124	73	20	7	7	36
1987	Critical	32	58	96	158	177	149	63	19	3	3	3	19
1988	Critical	19	23	42	100	128	77	34	23	8	0	0	11
1989	Critical	21	25	46	109	140	84	37	25	8	0	0	12
1990	Critical	15	18	33	79	101	61	27	18	6	0	0	9
1991	Critical	22	27	49	118	152	91	40	27	9	0	0	13
1992	Critical	19	22	41	97	126	76	33	22	7	0	0	11
1993	Wet	20	33	56	129	191	177	100	40	11	6	6	30
1994	Critical	28	50	83	136	153	129	55	17	3	3	3	17
1995	Wet	3	5	30	101	183	197	130	78	20	8	7	34
1996	Wet	6	14	35	100	181	194	128	62	21	11	7	32
1997	Wet	9	19	43	101	185	188	122	64	15	7	7	31
1998	Wet	3	5	30	101	183	197	130	69	23	11	11	37
1999	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
2000	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2001	Dry	32	57	96	157	176	148	63	19	3	3	3	19
2002	Dry	28	51	85	140	157	132	56	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-11	-19	-16	-24	5	10	9	21	9	1	1	1
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	-1	-1	-1	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	-1	-2	-3	-3	-3	-1	0	0	0	0	0
1927	Above Normal	3	0	5	6	-3	-5	-6	-3	-1	-1	-1	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	-1	-1	-1	0	0	0	0	0	0
1930	Critical	0	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1931	Critical	-3	0	-1	-2	-6	-2	1	-1	0	0	0	0
1932	Above Normal	3	9	21	10	1	-12	-22	-10	-1	-1	-1	0
1933	Dry	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1934	Critical	-1	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1935	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
1936	Above Normal	0	0	0	-6	3	5	6	3	1	1	1	0
1937	Wet	-6	-19	-30	-28	3	19	27	16	7	2	2	10
1938	Wet	-14	-24	-26	-28	-8	20	30	28	11	5	4	7
1939	Dry	-2	-7	-6	6	19	16	13	5	1	1	1	1
1940	Above Normal	2	5	4	0	0	0	0	0	0	0	0	0
1941	Wet	-9	-14	-12	-15	3	7	6	16	6	1	1	1
1942	Wet	-5	-14	-12	-23	4	7	6	16	7	1	1	1
1943	Wet	-6	-10	-25	-21	0	14	21	13	6	1	1	10
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	3	0	-1	-2	-2	-1	-1	0	0	0	0	0
1949	Below Normal	-1	-1	-2	-3	-3	-3	-1	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	-5	-12	-18	-11	9	10	15	7	1	1	1	0
1952	Wet	-9	-18	-12	-28	-6	10	21	25	8	1	1	6
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1955	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	-14	-23	-21	-37	-10	17	27	32	14	6	3	7
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-5	-9	-8	-14	2	4	3	13	1	1	1	1
1959	Dry	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1960	Critical	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1961	Critical	0	-1	-1	-3	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1963	Above Normal	3	5	16	4	4	-8	-16	-7	0	0	0	0
1964	Dry	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1965	Wet	-3	-5	-16	-4	-4	8	16	7	0	0	0	0
1966	Below Normal	-4	-3	1	0	0	0	0	0	0	0	0	0
1967	Wet	-9	-14	-13	0	-1	10	9	14	7	-1	-1	3
1968	Dry	11	32	41	24	9	45	19	-11	-7	3	3	4
1969	Wet	-14	-24	-22	-14	-10	16	27	16	10	4	3	5
1970	Above Normal	-13	-19	-30	-20	1	22	27	15	2	1	2	9
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1973	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	-6	-10	-21	-13	-2	11	18	10	1	1	1	9
1975	Wet	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1976	Critical	0	0	0	-1	-1	-1	0	0	0	0	0	0
1977	Critical	0	-1	-1	-2	-3	-4	-1	-1	0	0	0	0
1978	Wet	-9	-19	-17	-13	-11	13	24	21	9	0	0	6
1979	Above Normal	-14	-28	-39	-43	6	26	33	34	10	3	3	10
1980	Wet	-14	-24	-26	-28	-8	20	30	38	11	1	1	7
1981	Dry	-4	-6	-8	0	7	3	6	1	1	1	0	0
1982	Wet	-14	-24	-22	-28	-8	20	30	27	11	5	3	3
1983	Wet	0	-5	-5	0	0	0	0	0	0	0	0	0
1984	Above Normal	-20	-33	-42	-56	-4	29	48	38	14	5	4	15
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-17	-28	-26	-45	-8	20	29	40	15	2	2	16
1987	Critical	5	10	16	18	-2	41	16	-13	-7	3	3	3
1988	Critical	1	1	2	6	8	5	2	1	0	0	0	1
1989	Critical	0	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1990	Critical	0	-1	-1	-2	-3	-2	-1	-1	0	0	0	0
1991	Critical	0	-1	-1	-3	-3	-2	-1	-1	0	0	0	0
1992	Critical	-1	-1	-1	-3	-4	-3	-1	-1	0	0	0	0
1993	Wet	-3	-5	-4	-9	2	3	3	3	6	1	1	1
1994	Critical	0	1	1	2	3	2	1	0	0	0	0	0
1995	Wet	0	-5	0	0	0	0	0	0	0	0	0	0
1996	Wet	-22	-33	-46	-51	-9	31	48	35	16	6	2	12
1997	Wet	-20	-33	-42	-57	-4	36	51	43	11	3	4	11
1998	Wet	-6	-10	-9	0	4	7	6	5	4	2	2	2
1999	Above Normal	-13	-24	-34	-29	3	25	30	19	7	2	3	10
2000	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	-1	-1	-2	-3	-2	-1	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-50%	-45%	-27%	-17%	3%	6%	9%	58%	161%	25%	25%	5%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1927	Above Normal	10%	0%	7%	4%	-1%	-3%	-8%	-11%	-17%	-14%	-14%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1930	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1931	Critical	-39%	-6%	-6%	-7%	-14%	-13%	4%	-7%	-7%	-	-	-7%
1932	Above Normal	10%	22%	33%	7%	1%	-7%	-23%	-30%	-19%	-14%	-14%	0%
1933	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1934	Critical	-3%	-3%	-4%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1935	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
1936	Above Normal	0%	0%	0%	-4%	1%	3%	8%	13%	28%	17%	17%	0%
1937	Wet	-21%	-37%	-35%	-18%	1%	12%	37%	68%	181%	50%	50%	50%
1938	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	73%	99%	77%	64%	25%
1939	Dry	-6%	-12%	-6%	4%	11%	11%	22%	29%	29%	29%	29%	7%
1940	Above Normal	6%	9%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	-38%	-37%	-21%	-12%	2%	4%	6%	41%	48%	11%	11%	2%
1942	Wet	-24%	-34%	-19%	-17%	2%	4%	6%	44%	124%	25%	25%	5%
1943	Wet	-21%	-21%	-31%	-14%	0%	9%	26%	49%	137%	29%	29%	50%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	12%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	-14%	-20%	-18%	-7%	5%	7%	23%	36%	43%	40%	40%	0%
1952	Wet	-43%	-49%	-22%	-22%	-3%	6%	21%	62%	68%	13%	11%	19%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1955	Dry	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-62%	-61%	-35%	-27%	-5%	10%	27%	87%	251%	105%	48%	24%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	-24%	-25%	-13%	-11%	1%	2%	3%	32%	12%	11%	11%	2%
1959	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1961	Critical	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-	-	-4%
1962	Below Normal	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1963	Above Normal	10%	11%	25%	3%	2%	-4%	-16%	-20%	-4%	0%	0%	0%
1964	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1965	Wet	-9%	-10%	-20%	-3%	-2%	5%	20%	26%	4%	0%	0%	0%
1966	Below Normal	-11%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-76%	-76%	-30%	0%	-1%	5%	7%	21%	48%	-8%	-8%	9%
1968	Dry	43%	102%	73%	18%	5%	44%	42%	-36%	-68%	-	-	28%
1969	Wet	-85%	-84%	-42%	-12%	-5%	9%	26%	32%	74%	61%	49%	18%
1970	Above Normal	-40%	-34%	-33%	-13%	0%	14%	38%	73%	41%	33%	60%	47%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1973	Above Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-21%	-21%	-26%	-8%	-1%	7%	23%	36%	18%	14%	14%	47%
1975	Wet	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1976	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1977	Critical	-6%	-6%	-6%	-6%	-6%	-20%	-6%	-6%	-6%	-	-	-6%
1978	Wet	-76%	-81%	-36%	-11%	-6%	7%	23%	36%	65%	2%	0%	20%
1979	Above Normal	-51%	-54%	-45%	-27%	3%	17%	45%	143%	254%	67%	67%	53%
1980	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	97%	104%	13%	11%	24%
1981	Dry	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1982	Wet	-85%	-84%	-42%	-22%	-4%	11%	30%	69%	104%	82%	50%	9%
1983	Wet	0%	-50%	-13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	-64%	-63%	-50%	-35%	-2%	19%	66%	161%	349%	133%	94%	74%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-67%	-66%	-40%	-31%	-4%	12%	31%	118%	295%	43%	43%	82%
1987	Critical	20%	20%	20%	13%	-1%	38%	34%	-40%	-70%	-	-	20%
1988	Critical	6%	6%	6%	6%	6%	6%	6%	6%	6%	-	-	6%
1989	Critical	-2%	-2%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1990	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1991	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1992	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1993	Wet	-12%	-12%	-7%	-6%	1%	2%	3%	9%	100%	12%	12%	2%
1994	Critical	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1995	Wet	0%	-50%	0%	0%	0%	0%	0%	0%	1%	3%	2%	0%
1996	Wet	-79%	-69%	-57%	-34%	-5%	19%	61%	132%	346%	134%	43%	63%
1997	Wet	-70%	-63%	-50%	-36%	-2%	23%	72%	206%	289%	84%	117%	57%
1998	Wet	-69%	-68%	-22%	0%	2%	3%	5%	7%	18%	17%	24%	7%
1999	Above Normal	-40%	-42%	-38%	-18%	1%	16%	42%	89%	181%	50%	80%	50%
2000	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	-2%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	34	90	130	124	100	78	27	0	0	0	0	16
1923	Above Normal	24	62	73	61	53	52	31	7	1	1	1	18
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	2	4	7	12	13	11	4	1	0	0	0	1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	33	73	90	82	67	62	31	6	0	0	0	21
1928	Below Normal	3	6	11	19	21	18	7	2	0	0	0	2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	34	83	113	97	83	65	21	1	1	1	1	22
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	20	47	72	60	53	52	30	7	1	1	1	5
1936	Above Normal	25	66	82	63	56	54	32	7	1	1	1	0
1937	Wet	1	44	63	58	50	50	29	7	1	1	1	18
1938	Wet	0	27	98	168	120	108	53	14	2	7	7	21
1939	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	20	55	64	58	54	50	16	5	0	0	1	10
1941	Wet	37	78	139	153	107	98	52	12	1	7	6	18
1942	Wet	38	89	123	121	99	77	26	0	0	0	0	15
1943	Wet	3	56	85	75	59	55	28	5	0	0	0	19
1944	Below Normal	3	5	8	14	16	13	5	2	0	0	0	0
1945	Above Normal	35	86	119	106	93	74	25	2	1	1	1	24
1946	Above Normal	21	56	64	46	37	38	24	5	0	0	0	16
1947	Dry	1	2	4	6	7	6	2	1	0	0	0	1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	1	2	4	6	7	6	2	1	0	0	0	1
1951	Above Normal	3	5	10	17	19	15	6	2	0	0	0	2
1952	Wet	21	77	98	154	108	96	46	12	1	6	6	18
1953	Below Normal	2	15	20	33	38	31	12	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	46	101	138	138	114	96	35	3	1	1	1	18
1957	Below Normal	2	15	19	32	37	30	12	3	1	1	1	3
1958	Wet	33	55	137	155	107	94	45	12	1	6	6	18
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	26	71	86	77	62	58	29	5	0	0	0	20
1963	Above Normal	36	87	117	102	89	71	24	1	1	1	1	23
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	31	77	93	87	73	67	34	7	1	1	1	21
1966	Below Normal	1	14	18	18	20	17	7	2	0	0	0	2
1967	Wet	74	44	114	143	119	102	70	52	14	22	22	70
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	19	17	76	128	109	91	62	44	14	19	19	59
1970	Above Normal	9	25	33	42	38	32	10	3	0	0	1	13
1971	Below Normal	4	7	12	21	24	19	8	2	0	0	0	2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	22	61	66	57	47	47	28	6	1	1	1	17
1974	Wet	30	71	85	75	60	56	28	5	0	0	0	19
1975	Wet	25	72	88	78	63	59	30	6	0	0	0	20
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	38	41	127	137	114	111	76	50	15	21	21	67
1979	Above Normal	21	60	71	54	46	46	28	6	1	1	0	0
1980	Wet	37	66	120	163	119	106	52	14	2	7	7	20
1981	Dry	0	12	14	23	27	22	9	3	0	0	0	3
1982	Wet	49	3	101	164	119	109	57	16	2	2	0	0
1983	Wet	0	46	126	104	104	107	93	59	15	24	26	83
1984	Above Normal	23	58	67	52	44	44	27	6	1	1	1	17
1985	Dry	1	1	3	4	5	4	2	0	0	0	0	0
1986	Wet	0	84	116	102	89	70	23	1	1	1	1	23
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	38	99	135	133	110	90	32	2	1	1	1	18
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	58	90	164	135	104	108	101	63	15	26	26	83
1996	Wet	28	73	88	80	65	60	31	5	0	0	0	15
1997	Wet	27	56	65	58	54	49	16	5	0	0	1	0
1998	Wet	44	20	123	117	122	96	83	55	15	24	24	75
1999	Above Normal	8	26	35	45	41	35	11	4	0	0	1	13
2000	Above Normal	16	58	68	50	41	42	25	4	1	1	1	16
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	3	5	8	14	16	13	5	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 2 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	59	75	131	140	117	114	104	57	15	22	22	69
1923	Above Normal	22	59	69	55	47	47	28	6	1	1	1	17
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	1	1	2	3	2	1	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	26	68	75	63	56	55	32	7	1	1	1	19
1928	Below Normal	1	2	3	5	6	5	2	1	0	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	26	63	75	63	56	55	32	7	1	1	1	18
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	9	27	37	48	45	38	12	4	0	0	1	2
1936	Above Normal	22	69	85	76	61	56	29	5	0	0	0	0
1937	Wet	13	72	105	156	112	103	51	15	2	6	6	19
1938	Wet	19	73	155	141	111	115	110	63	16	28	28	87
1939	Dry	20	55	63	47	38	39	24	5	1	1	0	0
1940	Above Normal	10	28	39	51	49	41	14	4	0	0	1	9
1941	Wet	55	46	123	135	112	109	105	49	14	25	24	68
1942	Wet	56	68	104	132	111	97	66	45	14	19	13	60
1943	Wet	3	92	112	149	107	96	46	12	1	6	6	18
1944	Below Normal	1	2	3	5	5	4	2	0	0	0	0	0
1945	Above Normal	34	87	117	102	89	70	23	1	1	1	1	23
1946	Above Normal	21	56	65	49	40	41	25	5	1	1	1	16
1947	Dry	0	1	1	2	2	2	1	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	1	1	0	0	0	0	0	0	0
1951	Above Normal	29	72	86	77	62	58	29	5	0	0	0	20
1952	Wet	41	50	123	146	123	106	95	62	15	27	27	72
1953	Below Normal	2	15	19	31	36	29	12	3	1	1	1	3
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	78	96	146	143	119	93	97	53	14	23	26	75
1957	Below Normal	3	18	24	39	45	36	15	4	1	1	1	4
1958	Wet	45	15	109	142	118	105	96	60	15	20	20	62
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	18	55	63	47	38	39	24	5	0	0	0	16
1963	Above Normal	31	76	92	85	71	65	33	6	0	1	1	21
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	36	86	117	101	88	70	23	1	1	1	1	23
1966	Below Normal	4	6	11	19	21	17	7	2	0	0	0	2
1967	Wet	92	71	155	141	111	115	113	67	16	32	32	88
1968	Dry	2	14	18	29	33	27	11	3	1	1	0	0
1969	Wet	53	56	148	135	111	115	110	63	16	28	28	87
1970	Above Normal	47	106	142	138	114	97	35	3	1	1	1	18
1971	Below Normal	1	2	4	6	7	6	2	1	0	0	0	1
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	16	59	62	55	47	47	28	6	1	1	1	17
1974	Wet	44	105	141	136	112	94	34	2	1	1	1	18
1975	Wet	18	60	70	57	49	48	29	7	1	1	1	17
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	61	75	181	141	111	115	90	67	16	32	32	87
1979	Above Normal	60	75	119	133	108	106	83	51	14	21	0	32
1980	Wet	72	126	181	140	111	115	114	65	16	32	32	88
1981	Dry	8	25	33	41	37	32	10	3	0	0	1	13
1982	Wet	84	46	181	141	111	115	92	63	16	23	9	42
1983	Wet	2	55	137	110	111	115	99	63	16	26	28	87
1984	Above Normal	74	91	135	145	122	105	93	52	15	23	24	71
1985	Dry	2	4	7	12	13	11	4	1	0	0	0	0
1986	Wet	36	93	154	147	125	99	95	60	15	28	28	77
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	44	93	118	159	115	105	54	15	2	6	6	19
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	62	99	170	141	111	115	111	67	16	28	28	87
1996	Wet	75	96	159	145	112	100	104	56	14	11	0	73
1997	Wet	79	91	135	144	121	104	92	61	15	23	23	34
1998	Wet	59	40	152	113	111	115	107	63	16	28	28	87
1999	Above Normal	51	91	116	156	113	104	49	13	2	6	6	19
2000	Above Normal	10	28	39	51	49	41	14	4	0	0	1	14
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	1	1	2	3	4	3	1	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 2 - Future No Action (taf)
SVI

Year	Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	25	-15	2	15	17	36	78	57	15	22	22	53
1923	Above Normal	-1	-3	-4	-6	-7	-6	-3	-1	0	0	0	-1
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	-2	-3	-5	-9	-11	-9	-3	-1	0	0	0	-1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	-7	-5	-14	-18	-11	-7	1	2	0	0	0	-2
1928	Below Normal	-2	-4	-8	-14	-16	-13	-5	-1	0	0	0	-1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	-8	-20	-38	-33	-27	-10	11	7	0	0	0	-4
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	-10	-20	-35	-12	-8	-14	-18	-3	0	0	0	-4
1936	Above Normal	-3	3	4	13	5	2	-3	-2	-1	0	0	0
1937	Wet	13	28	42	98	62	53	22	8	1	5	5	1
1938	Wet	19	46	57	-27	-9	7	57	49	14	21	21	67
1939	Dry	20	55	63	47	38	39	24	5	0	0	0	0
1940	Above Normal	-10	-27	-24	-7	-6	-9	-3	-1	0	0	0	-1
1941	Wet	18	-32	-16	-18	4	11	53	36	13	18	18	50
1942	Wet	19	-21	-19	11	12	20	40	45	14	19	13	44
1943	Wet	0	36	27	75	48	41	17	7	1	6	6	-1
1944	Below Normal	-2	-3	-5	-10	-11	-9	-4	-1	0	0	0	0
1945	Above Normal	-1	0	-2	-4	-5	-4	-2	-1	0	0	0	-1
1946	Above Normal	0	0	0	3	3	3	1	0	0	0	0	0
1947	Dry	-1	-1	-3	-4	-5	-4	-2	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	-1	-2	-3	-6	-7	-6	-2	-1	0	0	0	-1
1951	Above Normal	26	66	76	61	43	42	23	4	0	0	0	18
1952	Wet	20	-27	25	-8	15	11	49	50	13	21	21	54
1953	Below Normal	0	0	-1	-1	-2	-1	-1	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	32	-5	8	5	5	-2	62	51	14	23	26	57
1957	Below Normal	1	3	4	7	8	6	3	1	0	0	0	1
1958	Wet	12	-40	-29	-13	11	11	52	48	13	14	14	45
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	-8	-17	-23	-30	-24	-19	-5	0	0	0	0	-4
1963	Above Normal	-6	-11	-26	-18	-19	-6	9	5	0	0	0	-2
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	5	10	24	14	15	2	-11	-6	0	0	0	2
1966	Below Normal	2	-8	-6	1	1	1	0	0	0	0	0	0
1967	Wet	18	26	41	-2	-7	13	42	15	1	9	10	19
1968	Dry	2	14	18	29	33	27	11	3	1	1	0	0
1969	Wet	34	39	73	6	2	25	48	19	2	9	9	28
1970	Above Normal	38	82	109	97	76	64	25	0	1	1	0	6
1971	Below Normal	-2	-5	-8	-14	-16	-13	-5	-2	0	0	0	-2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	-6	-2	-4	-1	0	0	0	0	0	0	0	0
1974	Wet	14	35	55	61	53	38	5	-3	0	0	0	-1
1975	Wet	-7	-12	-17	-22	-14	-10	-1	1	0	0	0	-2
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	23	35	53	3	-3	4	14	17	1	11	11	21
1979	Above Normal	40	15	48	78	62	59	55	44	13	20	0	32
1980	Wet	35	60	61	-23	-8	9	63	51	14	25	25	68
1981	Dry	7	13	19	18	10	10	1	1	0	0	0	10
1982	Wet	35	42	80	-23	-8	6	35	47	14	21	9	42
1983	Wet	2	9	11	6	7	8	6	4	1	1	1	4
1984	Above Normal	51	34	69	93	78	61	67	46	14	22	23	55
1985	Dry	2	3	5	8	9	7	3	1	0	0	0	0
1986	Wet	36	8	38	46	36	29	71	59	14	28	28	54
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	6	-6	-17	26	4	15	22	14	1	6	6	2
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	4	9	6	5	7	8	10	4	1	1	1	4
1996	Wet	48	23	70	65	47	40	73	50	14	11	0	58
1997	Wet	52	35	70	87	67	55	76	56	14	22	21	34
1998	Wet	15	20	29	-4	-10	19	24	8	1	4	4	12
1999	Above Normal	43	66	81	111	72	69	39	10	2	6	5	6
2000	Above Normal	-6	-30	-29	2	8	-1	-12	1	-1	-1	0	-2
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	-2	-3	-6	-11	-12	-10	-4	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	75%	-17%	1%	12%	17%	46%	293%	50665%	4407%	6617%	6571%	334%
1923	Above Normal	-5%	-4%	-5%	-10%	-12%	-11%	-9%	-11%	-15%	-15%	-15%	-5%
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-77%	-78%	-78%	-81%	-81%	-81%	-81%	-81%	-81%	-81%	-81%	-81%
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-21%	-7%	-16%	-22%	-16%	-11%	2%	27%	113%	83%	86%	-10%
1928	Below Normal	-68%	-70%	-71%	-73%	-73%	-73%	-73%	-73%	-73%	-73%	-73%	-73%
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-23%	-24%	-34%	-35%	-32%	-15%	52%	1200%	30%	30%	30%	-17%
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-54%	-43%	-49%	-20%	-16%	-27%	-60%	-45%	-69%	-69%	25%	-71%
1936	Above Normal	-12%	4%	5%	21%	9%	4%	-10%	-32%	-76%	-52%	-55%	-
1937	Wet	2052%	63%	67%	169%	123%	106%	75%	117%	123%	757%	757%	8%
1938	Wet	-	167%	58%	-16%	-7%	7%	108%	348%	671%	315%	315%	323%
1939	Dry	2494%	11563%	41484%	15861%	11272%	14135%	22060%	16342%	-	-	-	-
1940	Above Normal	-51%	-49%	-38%	-12%	-10%	-18%	-16%	-15%	-31%	-31%	-12%	-10%
1941	Wet	50%	-41%	-12%	-12%	4%	11%	102%	295%	952%	279%	274%	282%
1942	Wet	49%	-24%	-15%	9%	12%	26%	155%	18103%	4802%	6663%	-	287%
1943	Wet	0%	64%	31%	100%	80%	74%	62%	142%	383%	2033%	2033%	-8%
1944	Below Normal	-65%	-66%	-66%	-68%	-68%	-68%	-68%	-68%	-68%	-68%	-68%	-
1945	Above Normal	-3%	1%	-2%	-4%	-5%	-6%	-8%	-30%	-11%	-11%	-11%	-3%
1946	Above Normal	1%	1%	1%	6%	9%	7%	6%	8%	12%	12%	12%	3%
1947	Dry	-62%	-65%	-65%	-68%	-68%	-68%	-68%	-68%	-68%	-68%	-68%	-68%
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-87%	-87%	-90%	-92%	-92%	-92%	-92%	-92%	-	-92%	-92%	-92%
1951	Above Normal	849%	1228%	800%	367%	230%	274%	379%	203%	11%	11%	11%	1004%
1952	Wet	96%	-35%	25%	-5%	14%	11%	108%	415%	960%	348%	350%	299%
1953	Below Normal	-7%	-3%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	69%	-5%	6%	3%	4%	-3%	180%	1933%	2116%	3543%	4011%	310%
1957	Below Normal	75%	18%	22%	21%	21%	21%	21%	21%	21%	21%	21%	21%
1958	Wet	36%	-73%	-21%	-9%	10%	11%	116%	407%	987%	235%	235%	250%
1959	Dry	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-30%	-23%	-26%	-40%	-39%	-33%	-18%	-4%	52%	52%	52%	-20%
1963	Above Normal	-16%	-13%	-22%	-17%	-21%	-8%	39%	373%	-36%	-25%	-27%	-8%
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	17%	13%	26%	16%	21%	3%	-32%	-83%	39%	39%	39%	8%
1966	Below Normal	158%	-54%	-37%	5%	5%	5%	5%	5%	5%	-	5%	5%
1967	Wet	24%	60%	36%	-1%	-6%	13%	60%	28%	10%	42%	43%	26%
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	175%	227%	96%	5%	2%	27%	77%	44%	16%	46%	46%	48%
1970	Above Normal	436%	333%	329%	231%	201%	199%	254%	-14%	491%	491%	-15%	44%
1971	Below Normal	-67%	-68%	-68%	-69%	-69%	-69%	-69%	-69%	-69%	-69%	-69%	-69%
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-25%	-4%	-6%	-3%	0%	0%	-1%	-1%	-1%	-2%	-2%	-1%
1974	Wet	46%	49%	65%	82%	88%	69%	19%	-53%	112%	112%	112%	-7%
1975	Wet	-27%	-17%	-20%	-28%	-23%	-17%	-4%	18%	106%	106%	106%	-12%
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	61%	85%	42%	3%	-2%	4%	19%	35%	8%	50%	50%	31%
1979	Above Normal	191%	25%	68%	144%	133%	128%	198%	714%	2028%	3074%	-	-
1980	Wet	95%	92%	51%	-14%	-7%	8%	122%	368%	698%	382%	383%	332%
1981	Dry	1844%	107%	130%	78%	38%	47%	11%	26%	-76%	-76%	78%	393%
1982	Wet	73%	1384%	79%	-14%	-6%	6%	62%	302%	696%	888%	-	-
1983	Wet	-	19%	8%	5%	7%	7%	6%	7%	8%	5%	4%	5%
1984	Above Normal	221%	59%	103%	177%	176%	137%	249%	778%	2311%	3599%	3763%	327%
1985	Dry	186%	183%	180%	185%	185%	185%	185%	185%	185%	185%	185%	-
1986	Wet	8771%	10%	33%	45%	41%	41%	305%	5028%	1944%	3736%	3736%	234%
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	16%	-6%	-12%	20%	4%	16%	68%	762%	217%	1055%	1055%	11%
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	6%	10%	4%	4%	7%	7%	10%	6%	7%	4%	4%	5%
1996	Wet	171%	32%	80%	81%	73%	67%	240%	949%	3697%	-	-	390%
1997	Wet	189%	62%	107%	150%	124%	112%	475%	1106%	3542%	5499%	2028%	-
1998	Wet	34%	97%	23%	-4%	-8%	20%	29%	15%	7%	16%	16%	16%
1999	Above Normal	526%	257%	234%	250%	176%	197%	352%	274%	951%	3831%	669%	46%
2000	Above Normal	-39%	-51%	-42%	4%	19%	-1%	-47%	18%	-69%	-66%	20%	-13%
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-74%	-75%	-74%	-77%	-77%	-77%	-77%	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	76	79	67	0	0	0	0	0	0	35	26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	19	0	82	21	0	0	0	0	0	0	0	0
1937	Wet	0	12	10	83	0	0	0	0	0	21	72	67
1938	Wet	0	0	12	34	31	0	0	0	0	0	0	6
1939	Dry	14	60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	18	46	0	0	0	0	0	0	0	0
1941	Wet	33	64	9	42	0	0	0	0	0	0	20	58
1942	Wet	0	0	76	66	0	0	0	0	0	0	0	67
1943	Wet	0	0	74	14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	2
1945	Above Normal	0	0	0	4	0	0	0	0	0	30	68	10
1946	Above Normal	0	0	16	0	0	0	0	0	0	0	0	10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	74	74	69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	24
1952	Wet	0	0	12	47	0	0	0	0	0	0	18	12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1956	Wet	48	0	0	40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	12	46	0	0	0	0	0	0	0	0
1959	Dry	0	5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	70	69
1965	Wet	0	0	0	0	0	0	0	0	0	0	29	12
1966	Below Normal	0	0	54	0	0	0	0	0	0	0	3	68
1967	Wet	69	0	8	71	38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	12	0	40	0	0	0	0	0	38	7
1970	Above Normal	27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	83	0	0	0	0	0	0	74	29
1974	Wet	49	0	86	83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	2
1978	Wet	0	0	11	71	33	0	0	0	0	0	35	13
1979	Above Normal	40	0	63	51	0	0	0	0	0	0	0	0
1980	Wet	0	0	86	38	11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1982	Wet	74	0	86	38	0	0	0	78	71	0	0	0
1983	Wet	0	0	0	0	53	0	0	0	46	0	74	0
1984	Above Normal	32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	2
1986	Wet	0	78	80	77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1993	Wet	10	76	71	51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	10	69
1995	Wet	0	71	1	71	53	0	0	0	0	0	0	0
1996	Wet	0	70	68	74	0	0	0	0	0	0	0	0
1997	Wet	77	0	43	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	5	0	40	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 2 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	71	46	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	46	0	0	0	1	0	74	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1996	Wet	0	0	69	51	0	0	0	0	0	0	0	0
1997	Wet	44	0	5	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	21	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	-76	-79	-67	0	0	0	0	0	0	-35	-26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	-62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	-19	0	-82	-21	0	0	0	0	0	0	0	0
1937	Wet	0	-12	-10	-83	0	0	0	0	0	-21	-72	-67
1938	Wet	0	0	-12	38	16	0	0	0	0	0	0	-6
1939	Dry	-14	-60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	-18	-46	0	0	0	0	0	0	0	0
1941	Wet	-33	-64	-9	-42	0	0	0	0	0	0	-20	-58
1942	Wet	0	0	-76	-66	0	0	0	0	0	0	0	-67
1943	Wet	0	0	-74	-14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1945	Above Normal	0	0	0	-4	0	0	0	0	0	-30	-68	-10
1946	Above Normal	0	0	-16	0	0	0	0	0	0	0	0	-10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	-74	-74	-69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-24
1952	Wet	0	0	-12	-47	0	0	0	0	0	0	-18	-12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1956	Wet	-48	0	0	-40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	-12	-46	0	0	0	0	0	0	0	0
1959	Dry	0	-5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-70	-69
1965	Wet	0	0	0	0	0	0	0	0	0	0	-29	-12
1966	Below Normal	0	0	-54	0	0	0	0	0	0	0	-3	-68
1967	Wet	-69	0	-8	-71	-38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	-12	0	7	0	0	0	0	0	-38	-7
1970	Above Normal	-27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	-83	0	0	0	0	0	0	-74	-29
1974	Wet	-49	0	-86	-83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	-33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2
1978	Wet	0	0	-11	-71	-33	0	0	0	0	0	-35	-13
1979	Above Normal	-40	0	-63	-51	0	0	0	0	0	0	0	0
1980	Wet	0	0	-86	-38	-11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1982	Wet	-74	0	-86	-38	0	0	0	-78	-71	0	0	0
1983	Wet	0	0	0	0	-7	0	0	0	-45	0	0	0
1984	Above Normal	-32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1986	Wet	0	-78	-80	-77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1993	Wet	-10	-76	-71	-51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	-10	-69
1995	Wet	0	-71	-1	-71	-7	0	0	0	0	0	0	0
1996	Wet	0	-70	2	-23	0	0	0	0	0	0	0	0
1997	Wet	-34	0	-38	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	-5	0	-19	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	-32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1937	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%	-100%
1938	Wet	-	-	-100%	111%	51%	-	-	-	-	-	-	-100%
1939	Dry	-100%	-100%	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1941	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1942	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-100%
1943	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1945	Above Normal	-	-	-	-100%	-	-	-	-	-	-100%	-100%	-100%
1946	Above Normal	-	-	-100%	-	-	-	-	-	-	-	-	-100%
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1952	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1956	Wet	-100%	-	-	-100%	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1959	Dry	-	-100%	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1965	Wet	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1966	Below Normal	-100%	-	-100%	-	-	-	-	-	-	-	-100%	-100%
1967	Wet	-100%	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-100%	-	17%	-	-	-	-	-	-100%	-100%
1970	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-100%	-100%
1974	Wet	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-100%	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1978	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%
1979	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1980	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1982	Wet	-100%	-	-100%	-100%	-	-	-	-100%	-100%	-	-	-
1983	Wet	-	-	-	-	-13%	-	-	-	-98%	-	0%	-
1984	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1986	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1993	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1995	Wet	-	-100%	-100%	-100%	-12%	-	-	-	-	-	-	-
1996	Wet	-	-100%	2%	-31%	-	-	-	-	-	-	-	-
1997	Wet	-44%	-	-88%	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-100%	-	-48%	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,832	3,756	5,158	7,749	8,667	7,129	4,147	3,140	1,959	1,629	2,042	2,677
1923	Below Normal	2,223	2,743	3,870	5,628	6,119	5,272	3,491	2,723	1,614	1,176	1,313	1,725
1924	Critical	1,365	1,581	2,201	3,031	3,143	2,942	2,313	1,848	1,056	652	563	822
1925	Dry	2,110	2,630	4,125	6,049	6,625	5,640	3,620	2,805	1,681	1,265	1,457	1,963
1926	Dry	1,816	2,129	2,982	4,154	4,348	3,990	3,057	2,448	1,397	882	815	1,167
1927	Wet	2,310	2,953	4,149	6,088	6,671	5,674	3,632	2,813	1,688	1,273	1,470	1,911
1928	Above Normal	2,015	2,660	3,747	5,424	5,874	5,095	3,433	2,686	1,586	1,137	1,245	1,700
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,124	2,974	4,142	4,333	3,979	3,053	2,445	1,395	879	811	1,162
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,499	1,761	2,452	3,440	3,634	3,302	2,446	1,933	1,128	745	707	994
1933	Critical	1,298	1,496	2,083	2,837	2,911	2,771	2,251	1,808	1,021	608	496	741
1934	Critical	1,394	1,619	2,255	3,118	3,247	3,018	2,342	1,866	1,071	672	594	859
1935	Below Normal	1,506	1,713	3,225	4,551	4,824	4,339	3,185	2,529	1,467	972	954	1,288
1936	Below Normal	2,150	2,596	3,647	5,256	5,672	4,950	3,385	2,656	1,563	1,105	1,189	1,630
1937	Below Normal	1,698	2,457	3,477	4,973	5,332	4,705	3,305	2,605	1,525	1,052	1,094	1,511
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,878	2,400	3,365	4,785	5,106	4,063	3,251	2,572	1,499	1,016	1,032	1,383
1940	Above Normal	2,093	2,732	3,884	5,652	6,148	5,293	3,498	2,727	1,618	1,181	1,321	1,796
1941	Wet	2,649	3,533	4,900	7,318	8,148	6,755	4,025	3,063	1,899	1,547	1,899	2,496
1942	Wet	2,822	3,752	5,189	7,801	8,729	6,491	4,162	3,150	1,966	1,639	2,060	2,699
1943	Wet	2,812	3,505	4,930	7,368	8,209	6,799	4,039	3,072	1,906	1,556	1,916	2,431
1944	Dry	1,889	2,228	3,120	4,381	4,620	4,189	3,130	2,495	1,437	933	894	1,262
1945	Below Normal	2,168	3,141	4,416	6,525	7,196	6,059	3,774	2,903	1,766	1,373	1,624	2,163
1946	Below Normal	2,476	3,141	4,385	6,473	7,134	6,014	3,757	2,893	1,757	1,361	1,606	2,141
1947	Dry	1,985	2,640	3,711	5,363	5,801	5,043	3,416	2,676	1,578	1,126	1,224	1,617
1948	Below Normal	1,632	2,440	3,378	4,807	5,132	4,561	3,258	2,576	1,502	1,020	1,039	1,441
1949	Dry	1,972	3,043	4,239	6,235	6,848	5,804	3,680	2,844	1,714	1,307	1,522	2,041
1950	Below Normal	1,895	2,395	3,358	4,773	5,091	4,532	3,248	2,569	1,497	1,014	1,028	1,427
1951	Above Normal	2,541	3,141	4,405	6,505	7,173	6,042	3,768	2,899	1,762	1,368	1,617	2,081
1952	Wet	2,981	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1953	Wet	2,122	2,678	3,760	5,445	5,899	5,114	3,439	2,690	1,589	1,141	1,252	1,709
1954	Above Normal	2,145	2,684	3,751	5,430	5,881	4,955	3,435	2,688	1,587	1,138	1,247	1,703
1955	Dry	2,065	2,475	3,472	4,965	5,322	4,698	3,302	2,604	1,523	1,050	1,092	1,456
1956	Wet	2,979	3,680	5,012	7,505	8,374	6,412	4,078	3,097	1,925	1,583	1,961	2,575
1957	Above Normal	2,042	2,478	3,470	4,960	5,316	4,693	3,301	2,603	1,523	1,049	1,090	1,506
1958	Wet	2,830	3,763	5,518	8,350	9,390	7,650	4,318	3,249	2,041	1,743	2,243	2,930
1959	Below Normal	2,006	2,484	3,507	5,023	5,392	4,748	3,319	2,614	1,531	1,061	1,111	1,479
1960	Dry	1,810	2,429	3,406	4,854	5,189	3,558	3,271	2,584	1,508	1,029	1,055	1,461
1961	Dry	2,011	2,816	3,921	5,662	6,223	3,520	3,515	2,739	1,626	1,192	1,341	1,822
1962	Below Normal	2,124	2,694	3,794	5,501	5,966	5,162	3,455	2,700	1,597	1,152	1,270	1,733
1963	Wet	2,234	2,828	3,963	5,784	6,307	5,408	3,535	2,751	1,636	1,206	1,365	1,788
1964	Dry	2,109	2,538	3,563	5,117	5,504	4,829	3,346	2,631	1,544	1,079	1,142	1,571
1965	Wet	2,189	2,651	4,919	7,349	8,186	5,849	4,034	3,069	1,904	1,553	1,909	2,509
1966	Below Normal	2,251	2,790	3,901	5,681	6,183	5,318	3,506	2,733	1,622	1,186	1,330	1,808
1967	Wet	3,050	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,540	3,582	5,148	5,542	4,856	3,354	2,637	1,549	1,085	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,456	3,141	4,379	6,464	7,124	5,870	3,755	2,891	1,755	1,359	1,603	2,138
1971	Wet	1,979	2,492	3,495	5,003	5,367	4,730	3,313	2,611	1,529	1,057	1,104	1,471
1972	Below Normal	2,215	2,667	3,718	5,375	5,815	5,053	3,419	2,678	1,580	1,128	1,228	1,680
1973	Above Normal	2,295	2,974	4,171	6,124	6,716	5,707	3,644	2,821	1,695	1,282	1,483	1,995
1974	Wet	2,812	3,742	5,129	7,700	8,608	5,771	4,133	3,132	1,952	1,619	2,026	2,657
1975	Wet	2,455	3,250	4,406	6,507	7,175	5,054	3,768	2,900	1,763	1,369	1,618	2,081
1976	Critical	1,639	1,891	2,650	3,613	3,698	3,513	2,881	2,336	1,301	759	625	940
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,604	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1979	Below Normal	2,045	2,852	4,016	5,870	6,411	5,483	3,562	2,768	1,650	1,224	1,394	1,823
1980	Above Normal	2,835	3,543	4,985	7,461	8,320	6,879	4,065	3,089	1,919	1,574	1,946	2,556
1981	Dry	2,110	2,618	3,720	5,378	5,819	4,580	3,420	2,678	1,580	1,129	1,229	1,681
1982	Wet	3,031	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,141	4,417	6,526	7,197	6,060	3,774	2,904	1,766	1,373	1,624	2,163
1985	Dry	2,326	2,890	4,087	5,987	6,551	5,586	3,600	2,792	1,670	1,251	1,435	1,937
1986	Wet	2,277	3,114	4,380	6,465	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1987	Dry	1,506	2,221	3,110	4,364	4,600	4,175	3,125	2,491	1,434	930	889	1,212
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,422	3,397	4,839	5,170	4,589	3,267	2,581	1,506	1,026	1,050	1,455
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,733	2,413	3,377	3,558	3,246	2,426	1,920	1,117	730	685	934
1992	Critical	1,518	1,897	2,642	3,750	4,005	3,575	2,547	1,997	1,183	815	815	1,124
1993	Above Normal	2,249	3,255	4,372	6,452	7,108	4,897	3,750	2,888	1,753	1,356	1,598	2,132
1994	Critical	2,170	2,674	3,731	5,305	5,953	3,038	3,081	2,336	1,452	1,178	1,427	1,883
1995	Wet	2,827	3,822	5,353	8,074	9,058	7,411	4,240	3,199	2,003	1,691	2,151	2,717
1996	Wet	2,527	3,456	4,721	7,023	7,794	5,157	3,936	3,007	1,854	1,486	1,798	2,372
1997	Wet	2,797	3,483	4,898	7,315	8,145	6,192	4,024	3,062	1,899	1,546	1,898	2,495
1998	Wet	2,955	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1999	Wet	2,245	2,956	4,135	6,065	6,644	5,654	3,625	2,808	1,684	1,268	1,462	1,902
2000	Above Normal	2,214	2,909	4,065	5,951	6,507	5,554	3,588	2,785	1,664	1,242	1,423	1,922
2001	Dry	2,031	2,476	3,474	4,968	5,325	4,700	3,303	2,604	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,275	2,862	3,989	5,827	6,358	5,445	3,548	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,860	3,784	5,196	7,800	8,735	6,827	4,183	3,250	2,118	1,731	2,053	2,706
1923	Below Normal	2,244	2,761	3,896	5,659	6,164	5,275	3,521	2,829	1,771	1,274	1,347	1,744
1924	Critical	1,366	1,581	2,202	3,032	3,144	2,943	2,314	1,848	1,056	652	564	823
1925	Dry	2,118	2,638	4,140	6,071	6,653	5,653	3,632	2,836	1,726	1,294	1,471	1,974
1926	Dry	1,815	2,128	2,980	4,151	4,345	3,987	3,056	2,449	1,399	883	814	1,166
1927	Wet	2,340	2,984	4,194	6,150	6,755	5,705	3,671	2,925	1,850	1,378	1,516	1,943
1928	Above Normal	2,031	2,676	3,771	5,456	5,917	5,111	3,453	2,747	1,674	1,193	1,268	1,718
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,123	2,973	4,141	4,332	3,978	3,052	2,445	1,394	879	810	1,161
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,528	1,791	2,496	3,500	3,714	3,331	2,484	2,044	1,289	849	751	1,026
1933	Critical	1,298	1,497	2,084	2,839	2,912	2,772	2,252	1,811	1,025	610	497	741
1934	Critical	1,392	1,617	2,252	3,113	3,241	3,014	2,340	1,865	1,070	670	592	856
1935	Below Normal	1,536	1,744	3,269	4,613	4,906	4,369	3,223	2,641	1,628	1,076	999	1,320
1936	Below Normal	2,179	2,626	3,690	5,315	5,751	4,978	3,423	2,767	1,724	1,209	1,188	1,629
1937	Below Normal	1,725	2,455	3,498	5,031	5,409	4,731	3,342	2,716	1,685	1,051	1,093	1,510
1938	Wet	3,122	3,946	5,567	8,431	9,569	7,750	4,379	3,375	2,213	1,862	2,314	2,997
1939	Dry	1,873	2,306	3,230	4,549	4,829	3,235	3,203	2,628	1,617	1,062	976	1,294
1940	Above Normal	2,149	2,801	3,985	5,808	6,343	5,404	3,563	2,856	1,792	1,279	1,352	1,847
1941	Wet	2,687	3,553	4,929	7,353	8,198	6,329	4,056	3,170	2,057	1,542	1,890	2,518
1942	Wet	2,844	3,771	5,217	7,835	8,778	6,502	4,193	3,256	2,123	1,737	2,051	2,721
1943	Wet	2,833	3,523	4,956	7,399	8,254	6,802	4,069	3,178	2,063	1,655	1,950	2,450
1944	Dry	1,910	2,251	3,153	4,429	4,682	4,221	3,154	2,550	1,514	985	922	1,286
1945	Below Normal	2,188	3,146	4,425	6,528	7,207	6,037	3,793	3,003	1,917	1,464	1,648	2,171
1946	Below Normal	2,496	3,172	4,429	6,535	7,216	6,044	3,796	3,004	1,918	1,465	1,650	2,174
1947	Dry	1,993	2,655	3,732	5,395	5,842	5,064	3,430	2,709	1,624	1,157	1,242	1,632
1948	Below Normal	1,632	2,439	3,376	4,804	5,129	4,558	3,257	2,575	1,501	1,020	1,038	1,440
1949	Dry	1,973	3,041	4,236	6,230	6,843	5,800	3,679	2,843	1,715	1,306	1,521	2,039
1950	Below Normal	1,899	2,400	3,364	4,782	5,103	4,536	3,253	2,585	1,519	1,014	1,028	1,432
1951	Above Normal	2,571	3,172	4,449	6,567	7,255	6,072	3,806	3,011	1,924	1,472	1,661	2,102
1952	Wet	3,009	3,977	5,559	8,434	9,553	7,739	4,376	3,372	2,212	1,860	2,310	2,992
1953	Wet	2,116	2,657	3,730	5,383	5,831	5,038	3,440	2,771	1,720	1,214	1,253	1,690
1954	Above Normal	2,153	2,696	3,767	5,457	5,914	4,962	3,443	2,695	1,595	1,146	1,256	1,715
1955	Dry	2,063	2,472	3,468	4,957	5,312	4,690	3,301	2,604	1,525	1,050	1,090	1,452
1956	Wet	2,979	3,711	5,057	7,567	8,455	6,442	4,116	3,208	2,086	1,687	2,006	2,608
1957	Above Normal	2,072	2,509	3,514	5,022	5,398	4,723	3,339	2,714	1,684	1,153	1,135	1,539
1958	Wet	2,859	3,793	5,417	8,168	9,178	7,468	4,287	3,316	2,169	1,801	2,206	2,860
1959	Below Normal	2,022	2,507	3,540	5,077	5,457	4,794	3,335	2,627	1,543	1,074	1,130	1,501
1960	Dry	1,808	2,427	3,403	4,850	5,183	3,514	3,270	2,583	1,508	1,028	1,053	1,459
1961	Dry	2,010	2,815	3,920	5,660	6,220	3,515	3,515	2,738	1,626	1,192	1,341	1,822
1962	Below Normal	2,154	2,725	3,839	5,564	6,050	5,193	3,493	2,812	1,758	1,256	1,315	1,766
1963	Wet	2,259	2,851	3,997	5,827	6,367	5,421	3,568	2,859	1,795	1,306	1,403	1,812
1964	Dry	2,111	2,540	3,566	5,121	5,510	4,833	3,347	2,632	1,545	1,080	1,144	1,573
1965	Wet	2,195	2,649	4,918	7,336	8,178	5,516	4,051	3,167	2,055	1,643	1,929	2,511
1966	Below Normal	2,272	2,812	3,933	5,724	6,241	5,338	3,534	2,817	1,745	1,265	1,363	1,832
1967	Wet	3,071	3,977	5,567	8,431	9,568	7,750	4,379	3,375	2,089	1,862	2,314	2,893
1968	Below Normal	2,070	2,567	3,621	5,202	5,614	4,882	3,388	2,735	1,691	1,177	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,568	7,750	4,379	3,375	2,213	1,862	2,270	2,964
1970	Wet	2,496	3,172	4,424	6,526	7,205	5,903	3,793	3,002	1,916	1,463	1,647	2,171
1971	Wet	1,995	2,507	3,517	5,031	5,406	4,741	3,334	2,675	1,622	1,117	1,128	1,487
1972	Below Normal	2,216	2,668	3,719	5,377	5,818	5,055	3,420	2,679	1,581	1,129	1,229	1,681
1973	Above Normal	2,325	3,004	4,216	6,186	6,797	5,736	3,682	2,932	1,856	1,386	1,528	2,028
1974	Wet	2,813	3,726	5,106	7,648	8,554	5,532	4,140	3,223	2,098	1,702	2,033	2,642
1975	Wet	2,492	3,291	4,465	6,592	7,285	5,101	3,814	3,016	1,928	1,478	1,670	2,123
1976	Critical	1,637	1,889	2,648	3,609	3,694	3,510	2,880	2,335	1,300	758	624	938
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,572	3,946	5,499	8,380	9,433	7,011	4,347	3,354	2,198	1,841	2,277	2,949
1979	Below Normal	2,039	2,706	3,807	5,510	5,985	5,146	3,478	2,802	1,751	1,246	1,253	1,652
1980	Above Normal	2,837	3,547	5,035	7,530	8,411	6,916	4,106	3,202	2,081	1,680	1,994	2,593
1981	Dry	2,128	2,649	3,765	5,441	5,902	4,561	3,459	2,790	1,742	1,233	1,274	1,715
1982	Wet	3,042	3,946	5,567	8,492	9,569	7,750	4,379	3,375	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,750	4,379	3,263	2,052	1,758	2,270	2,893
1984	Wet	2,572	3,172	4,461	6,587	7,279	6,090	3,813	3,015	1,927	1,477	1,669	2,196
1985	Dry	2,346	2,911	4,118	6,029	6,607	5,606	3,626	2,868	1,781	1,322	1,466	1,960
1986	Wet	2,260	3,114	4,380	6,527	7,206	6,037	3,793	3,003	1,916	1,463	1,647	2,171
1987	Dry	1,507	2,214	3,100	4,348	4,580	4,160	3,120	2,490	1,435	928	883	1,206
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,418	3,391	4,829	5,159	4,580	3,264	2,580	1,505	1,024	1,047	1,451
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,732	2,412	3,374	3,555	3,244	2,425	1,919	1,116	730	684	933
1992	Critical	1,517	1,889	2,632	3,733	3,986	3,560	2,541	1,993	1,180	811	810	1,117
1993	Above Normal	2,272	3,274	4,400	6,486	7,158	4,907	3,780	2,994	1,909	1,454	1,633	2,154
1994	Critical	2,173	2,679	3,738	5,314	5,976	3,035	3,085	2,338	1,454	1,181	1,430	1,888
1995	Wet	2,832	3,722	5,177	7,842	8,786	7,186	4,194	3,258	2,124	1,739	2,097	2,629
1996	Wet	2,577	3,405	4,650	6,896	7,649	5,045	3,913	3,079	1,982	1,547	1,732	2,293
1997	Wet	2,827	3,514	4,943	7,377	8,227	6,119	4,062	3,174	2,060	1,650	1,943	2,528
1998	Wet	2,957	3,904	5,486	8,297	9,326	7,633	4,341	3,350	2,195	1,733	2,270	2,941
1999	Wet	2,279	2,993	4,189	6,142	6,744	5,698	3,668	2,923	1,848	1,376	1,512	1,940
2000	Above Normal	2,243	2,938	4,108	6,010	6,586	5,581	3,625	2,896	1,825	1,346	1,466	1,954
2001	Dry	2,032	2,477	3,476	4,970	5,328	4,702	3,304	2,607	1,528	1,053	1,094	1,510
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,285	2,872	4,003	5,845	6,383	5,452	3,560	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	28	28	38	51	69	-302	35	109	160	102	11	28
1923	Below Normal	21	18	26	31	45	3	30	106	157	98	34	19
1924	Critical	1	1	1	2	2	1	1	0	0	0	1	1
1925	Dry	8	8	15	21	28	12	12	31	45	29	14	11
1926	Dry	-1	-1	-2	-3	-3	-3	-1	1	2	1	-1	-1
1927	Wet	30	31	46	63	84	31	39	112	161	104	45	32
1928	Above Normal	16	16	24	32	43	15	21	60	87	56	24	17
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	-1	-1	-1	-2	-2	-1	0	0	0	0	-1	-1
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	29	30	44	60	80	28	38	111	161	104	44	32
1933	Critical	1	1	1	1	2	1	1	3	4	3	1	1
1934	Critical	-2	-2	-3	-5	-6	-4	-2	-1	-1	-1	-2	-2
1935	Below Normal	30	31	45	61	82	30	38	111	161	104	45	32
1936	Below Normal	29	30	43	59	79	28	38	111	161	104	-1	-1
1937	Below Normal	28	-1	20	58	78	27	37	111	161	-1	-1	-1
1938	Wet	0	0	0	0	82	30	38	111	161	104	45	33
1939	Dry	-5	-94	-135	-237	-276	-829	-48	57	118	46	-56	-89
1940	Above Normal	56	69	101	155	195	111	65	128	174	99	31	51
1941	Wet	39	20	29	35	50	-426	31	107	158	-5	-9	22
1942	Wet	22	19	28	34	49	12	31	107	157	99	-9	21
1943	Wet	21	18	26	31	45	3	30	106	157	98	34	19
1944	Dry	20	23	33	49	62	32	24	55	77	52	28	24
1945	Below Normal	19	5	9	3	11	-22	19	99	151	91	24	8
1946	Below Normal	20	31	45	61	82	30	38	111	161	104	45	33
1947	Dry	7	15	21	32	41	21	15	33	46	31	17	15
1948	Below Normal	0	-1	-2	-3	-4	-3	-1	-1	0	-1	-1	-1
1949	Dry	0	-2	-3	-5	-6	-4	-1	0	0	0	-2	-2
1950	Below Normal	4	4	6	9	12	5	5	15	22	0	0	5
1951	Above Normal	30	31	45	61	82	30	38	111	161	104	45	21
1952	Wet	29	31	-8	3	67	19	35	109	160	102	40	28
1953	Wet	-7	-21	-30	-62	-68	-75	1	80	131	73	1	-20
1954	Above Normal	8	11	16	27	32	7	8	7	7	7	9	11
1955	Dry	-2	-3	-4	-8	-9	-7	-2	0	2	0	-2	-4
1956	Wet	0	31	45	61	82	30	38	111	161	104	45	33
1957	Above Normal	30	31	45	62	82	30	38	111	161	104	45	33
1958	Wet	30	31	-102	-183	-212	-182	-31	68	128	58	-37	-70
1959	Below Normal	16	22	33	54	65	46	16	12	12	13	19	22
1960	Dry	-2	-2	-3	-5	-6	-43	-1	-1	-1	-1	-2	-2
1961	Dry	-1	-1	-1	-2	-2	-5	-1	0	0	0	-1	-1
1962	Below Normal	30	31	45	63	83	31	39	112	161	104	45	34
1963	Wet	25	23	34	43	60	14	33	108	159	101	38	24
1964	Dry	1	2	3	5	5	4	1	1	1	1	2	2
1965	Wet	6	-3	0	-13	-8	-333	17	98	151	90	20	1
1966	Below Normal	22	22	32	43	58	20	28	85	123	79	33	24
1967	Wet	21	31	0	0	82	30	38	111	37	104	45	32
1968	Below Normal	26	27	39	54	72	26	34	99	143	92	0	0
1969	Wet	0	0	0	0	82	30	38	111	161	104	0	0
1970	Wet	40	31	45	61	82	32	38	111	161	104	45	33
1971	Wet	15	15	22	29	39	11	20	64	94	60	24	16
1972	Below Normal	1	1	1	2	2	2	1	1	1	1	1	1
1973	Above Normal	30	31	44	61	81	29	38	111	161	104	44	33
1974	Wet	1	-16	-23	-52	-54	-239	6	91	146	83	7	-15
1975	Wet	37	41	59	85	110	47	46	116	165	109	53	41
1976	Critical	-1	-2	-2	-4	-5	-4	-1	-1	-1	-1	-1	-2
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-32	0	-67	-51	-54	-709	6	91	146	83	7	-14
1979	Below Normal	-6	-146	-209	-360	-426	-337	-84	34	101	22	-141	-171
1980	Above Normal	2	3	49	69	91	37	41	113	162	106	47	36
1981	Dry	18	31	45	63	83	-20	39	112	161	104	45	33
1982	Wet	11	0	0	61	82	30	38	111	0	0	0	0
1983	Wet	0	0	0	0	0	30	38	0	0	0	0	32
1984	Wet	30	31	45	61	82	30	38	111	161	104	45	33
1985	Dry	20	21	31	42	56	20	26	76	110	71	30	23
1986	Wet	-17	0	0	61	82	30	38	111	161	104	45	33
1987	Dry	1	-7	-10	-16	-19	-15	-5	-1	1	-2	-5	-6
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-4	-6	-10	-12	-8	-3	-2	-1	-2	-3	-4
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	-1	-2	-3	-3	-2	-1	-1	0	-1	-1	-1
1992	Critical	-1	-7	-10	-17	-20	-15	-5	-3	-3	-4	-6	-7
1993	Above Normal	24	19	28	35	50	10	30	106	157	98	35	22
1994	Critical	3	5	7	9	23	-2	3	2	2	2	4	5
1995	Wet	4	-100	-176	-233	-272	-225	-45	59	121	48	-53	-88
1996	Wet	49	-51	-71	-127	-145	-112	-23	72	128	61	-66	-79
1997	Wet	30	31	45	62	82	-73	39	112	161	104	45	33
1998	Wet	2	-43	-80	-134	-161	-86	0	87	143	-25	0	-23
1999	Wet	34	37	54	77	100	43	43	115	164	108	50	38
2000	Above Normal	29	30	43	59	79	27	38	111	161	103	44	32
2001	Dry	1	1	2	3	3	2	1	3	4	3	1	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	10	9	14	19	25	8	13	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	1%	1%	1%	1%	1%	-4%	1%	3%	8%	6%	1%	1%
1923	Below Normal	1%	1%	1%	1%	1%	0%	1%	4%	10%	8%	3%	1%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	1%	3%	2%	1%	1%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	1%	1%	1%	1%	1%	1%	1%	4%	10%	8%	3%	2%
1928	Above Normal	1%	1%	1%	1%	1%	0%	1%	2%	5%	5%	2%	1%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	2%	2%	2%	2%	2%	1%	2%	6%	14%	14%	6%	3%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	2%	2%	1%	1%	2%	1%	1%	4%	11%	11%	5%	2%
1936	Below Normal	1%	1%	1%	1%	1%	1%	1%	4%	10%	9%	0%	0%
1937	Below Normal	2%	0%	1%	1%	1%	1%	1%	4%	11%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	1%	0%	1%	3%	8%	6%	2%	1%
1939	Dry	0%	-4%	-4%	-5%	-5%	-20%	-1%	2%	8%	4%	-5%	-6%
1940	Above Normal	3%	3%	3%	3%	3%	2%	2%	5%	11%	8%	2%	3%
1941	Wet	1%	1%	1%	0%	1%	-6%	1%	3%	8%	0%	0%	1%
1942	Wet	1%	1%	1%	0%	1%	0%	1%	3%	8%	6%	0%	1%
1943	Wet	1%	1%	1%	0%	1%	0%	1%	3%	8%	6%	2%	1%
1944	Dry	1%	1%	1%	1%	1%	1%	1%	2%	5%	6%	3%	2%
1945	Below Normal	1%	0%	0%	0%	0%	0%	1%	3%	9%	7%	1%	0%
1946	Below Normal	1%	1%	1%	1%	1%	0%	1%	4%	9%	8%	3%	2%
1947	Dry	0%	1%	1%	1%	1%	0%	0%	1%	3%	3%	1%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1951	Above Normal	1%	1%	1%	1%	1%	0%	1%	4%	9%	8%	3%	1%
1952	Wet	1%	1%	0%	0%	1%	0%	1%	3%	8%	6%	2%	1%
1953	Wet	0%	-1%	-1%	-1%	-1%	-1%	0%	3%	8%	6%	0%	-1%
1954	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	1%	1%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	1%	1%	1%	1%	0%	1%	4%	8%	7%	2%	1%
1957	Above Normal	1%	1%	1%	1%	2%	1%	1%	4%	11%	10%	4%	2%
1958	Wet	1%	1%	-2%	-2%	-2%	-2%	-1%	2%	6%	3%	-2%	-2%
1959	Below Normal	1%	1%	1%	1%	1%	1%	0%	0%	1%	1%	2%	1%
1960	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	1%	1%	1%	1%	1%	1%	1%	4%	10%	9%	4%	2%
1963	Wet	1%	1%	1%	1%	1%	0%	1%	4%	10%	8%	3%	1%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-6%	0%	3%	8%	6%	1%	0%
1966	Below Normal	1%	1%	1%	1%	1%	0%	1%	3%	8%	7%	2%	1%
1967	Wet	1%	1%	0%	0%	1%	0%	1%	3%	2%	6%	2%	1%
1968	Below Normal	1%	1%	1%	1%	1%	1%	1%	4%	9%	8%	0%	0%
1969	Wet	0%	0%	0%	0%	1%	0%	1%	3%	8%	6%	0%	0%
1970	Wet	2%	1%	1%	1%	1%	1%	1%	4%	9%	8%	3%	2%
1971	Wet	1%	1%	1%	1%	1%	0%	1%	2%	6%	6%	2%	1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	1%	1%	1%	1%	1%	1%	1%	4%	10%	8%	3%	2%
1974	Wet	0%	0%	0%	-1%	-1%	-4%	0%	3%	7%	5%	0%	-1%
1975	Wet	2%	1%	1%	1%	2%	1%	1%	4%	9%	8%	3%	2%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	-1%	-1%	-1%	-9%	0%	3%	7%	5%	0%	0%
1979	Below Normal	0%	-5%	-5%	-6%	-7%	-6%	-2%	1%	6%	2%	-10%	-9%
1980	Above Normal	0%	0%	1%	1%	1%	1%	1%	4%	8%	7%	2%	1%
1981	Dry	1%	1%	1%	1%	1%	0%	1%	4%	10%	9%	4%	2%
1982	Wet	0%	0%	0%	1%	1%	0%	1%	3%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%
1984	Wet	1%	1%	1%	1%	1%	0%	1%	4%	9%	8%	3%	2%
1985	Dry	1%	1%	1%	1%	1%	0%	1%	3%	7%	6%	2%	1%
1986	Wet	-1%	0%	0%	1%	1%	0%	1%	4%	9%	8%	3%	2%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1993	Above Normal	1%	1%	1%	1%	1%	0%	1%	4%	9%	7%	2%	1%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	-3%	-3%	-3%	-3%	-3%	-1%	2%	6%	3%	-2%	-3%
1996	Wet	2%	-1%	-2%	-2%	-2%	-2%	-1%	2%	7%	4%	-4%	-3%
1997	Wet	1%	1%	1%	1%	1%	-1%	1%	4%	8%	7%	2%	1%
1998	Wet	0%	-1%	-1%	-2%	-2%	-1%	0%	3%	7%	-1%	0%	-1%
1999	Wet	2%	1%	1%	1%	2%	1%	1%	4%	10%	8%	3%	2%
2000	Above Normal	1%	1%	1%	1%	1%	0%	1%	4%	10%	8%	3%	2%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,415	5,380	5,294	3,930	3,301	3,111	3,042	2,765	3,166
1923	Below Normal	2,625	2,797	3,862	5,357	5,739	5,292	3,646	2,824	2,520	2,196	352	503
1924	Critical	789	1,398	1,938	2,868	2,979	2,486	1,663	1,060	860	707	319	485
1925	Dry	1,271	3,176	4,161	5,895	6,439	5,872	4,050	3,085	2,719	2,251	320	617
1926	Dry	1,195	1,945	3,416	4,830	5,276	4,814	3,333	2,537	2,233	1,847	447	2,092
1927	Wet	3,839	4,094	4,783	5,730	5,623	5,596	4,222	3,599	3,423	3,390	409	1,121
1928	Above Normal	1,232	4,641	5,337	6,345	6,228	6,203	4,728	4,052	3,866	3,823	311	423
1929	Critical	540	1,302	2,132	3,131	3,244	2,711	654	1,288	1,446	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	306	574
1931	Critical	856	1,754	2,367	3,502	3,633	3,035	2,025	1,294	1,051	866	415	786
1932	Dry	1,258	2,382	3,138	4,474	4,874	4,406	3,030	2,274	1,991	1,650	309	799
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	523
1934	Critical	902	2,037	2,745	4,054	4,207	2,776	439	2,570	2,136	1,682	322	793
1935	Below Normal	1,232	4,090	4,876	6,121	6,227	6,018	4,439	3,668	3,418	3,236	323	790
1936	Below Normal	3,944	4,454	5,262	6,281	6,163	6,137	4,653	3,977	3,789	3,749	359	704
1937	Below Normal	1,634	5,502	6,322	7,512	7,370	7,346	5,599	4,801	4,585	4,534	529	3,957
1938	Wet	4,204	5,762	6,647	7,964	7,809	7,779	5,852	5,002	4,761	4,723	383	940
1939	Dry	1,484	3,188	4,185	3,629	6,802	4,025	4,475	1,599	1,260	3,733	303	481
1940	Above Normal	1,550	3,117	4,192	5,206	6,503	6,100	4,250	3,241	2,864	2,364	1,369	3,409
1941	Wet	3,745	4,602	5,332	6,410	6,287	6,258	4,694	3,995	3,796	3,766	2,469	3,217
1942	Wet	3,023	3,223	4,020	5,316	5,540	5,232	3,702	2,958	2,697	2,471	2,313	3,466
1943	Wet	3,500	5,107	5,904	7,097	6,961	6,930	5,194	4,422	1,278	5,309	296	388
1944	Dry	892	2,312	3,069	4,425	4,722	4,155	2,835	2,009	1,718	1,427	560	789
1945	Below Normal	3,876	4,437	5,120	6,116	6,002	5,976	4,525	3,865	3,681	3,642	2,787	3,603
1946	Below Normal	3,331	3,392	4,178	5,174	5,155	5,056	3,704	3,087	2,897	2,828	426	826
1947	Dry	1,646	4,620	5,314	6,319	6,202	6,178	4,706	4,032	3,848	3,805	315	414
1948	Below Normal	525	1,746	2,249	2,640	6,189	5,710	4,135	3,176	2,843	2,343	524	747
1949	Dry	1,071	3,549	4,514	6,166	6,600	4,781	4,717	3,593	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,828	3,715
1951	Above Normal	3,596	3,934	4,767	5,763	5,654	5,622	4,184	3,545	3,360	3,339	2,559	3,732
1952	Wet	3,667	4,387	6,109	7,346	7,203	7,172	5,373	4,574	4,346	4,316	2,525	1,236
1953	Wet	1,441	2,621	3,564	3,581	5,897	5,362	3,726	2,825	2,496	2,063	523	2,296
1954	Above Normal	1,714	2,995	4,010	5,549	6,186	5,747	3,951	2,999	2,638	2,182	477	888
1955	Dry	1,400	2,705	3,555	5,051	5,523	5,020	3,457	2,625	2,309	1,911	2,534	4,119
1956	Wet	4,165	4,640	5,392	6,512	6,386	6,355	4,732	4,015	3,809	3,785	536	810
1957	Above Normal	2,063	3,104	4,146	4,893	6,572	6,082	4,235	3,222	2,850	2,354	422	3,845
1958	Wet	3,819	5,774	6,657	7,969	7,815	7,786	5,864	5,016	2,585	5,288	564	954
1959	Below Normal	1,442	2,637	3,468	2,104	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,026	3,595	4,572	5,447	6,843	5,550	4,751	3,726	3,360	2,898	310	550
1961	Dry	798	2,746	3,599	4,885	5,605	4,557	2,541	699	3,001	3,219	321	436
1962	Below Normal	1,424	2,921	3,882	2,833	6,567	6,015	4,266	3,259	2,896	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,149	5,256	5,322	5,150	3,727	3,062	2,846	2,722	690	3,767
1964	Dry	2,526	3,705	4,404	5,503	5,562	5,404	3,962	3,280	3,062	2,938	1,621	3,450
1965	Wet	3,292	3,482	4,194	4,388	5,626	5,419	3,965	3,254	3,022	2,856	2,598	3,200
1966	Below Normal	2,676	2,893	3,891	5,362	5,725	5,295	3,663	2,849	2,549	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,767	7,738	5,821	4,973	4,733	4,695	423	1,142
1968	Below Normal	1,478	2,693	3,541	2,477	6,051	5,521	3,905	2,973	2,628	2,168	2,446	3,987
1969	Wet	4,197	5,551	6,417	7,720	7,569	7,538	5,640	4,802	4,564	4,533	2,782	3,643
1970	Wet	3,598	3,946	4,681	5,661	5,554	5,522	4,109	3,481	3,299	3,278	2,573	3,240
1971	Wet	2,522	2,912	3,944	5,395	5,734	5,324	3,698	2,891	2,596	2,297	986	3,033
1972	Below Normal	2,893	3,052	3,947	5,519	5,957	5,466	3,770	2,900	2,576	2,205	463	3,940
1973	Above Normal	3,799	4,148	4,956	5,958	5,845	5,815	4,366	3,713	3,527	3,498	2,791	4,147
1974	Wet	3,980	4,395	5,099	6,165	6,047	6,015	4,473	3,791	3,594	3,573	1,558	1,352
1975	Wet	3,744	4,203	4,858	5,824	5,714	5,687	4,284	3,652	3,474	3,442	430	783
1976	Critical	1,342	3,053	4,006	5,208	6,309	4,820	4,290	3,266	2,897	2,087	312	425
1977	Critical	520	967	455	79	205	176	1,317	551	2,238	3,025	303	912
1978	Above Normal	3,373	3,770	4,699	5,830	5,869	5,719	4,234	3,528	3,306	3,177	518	804
1979	Below Normal	3,966	4,328	5,025	6,004	5,891	5,865	4,441	3,792	3,611	3,573	482	4,224
1980	Above Normal	4,349	5,710	6,590	7,903	7,749	7,719	5,801	4,954	4,168	4,979	510	812
1981	Dry	1,275	2,780	3,755	2,713	6,374	5,831	4,131	3,151	2,795	2,307	2,275	3,522
1982	Wet	3,816	5,656	6,532	7,844	7,692	7,662	5,745	4,900	4,660	4,626	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,434	5,547	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,755	5,646	5,614	4,173	3,534	3,349	3,329	2,645	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,684	5,742	6,611	7,876	7,733	7,696	5,827	5,012	2,513	5,268	302	410
1987	Dry	501	1,331	1,797	2,649	2,750	2,298	1,546	990	804	660	323	651
1988	Critical	526	1,004	1,426	2,110	2,195	1,829	1,231	783	632	518	450	715
1989	Dry	776	4,039	4,897	6,192	6,330	5,942	4,520	3,720	3,456	3,249	308	466
1990	Critical	681	1,534	2,070	3,057	3,173	2,651	1,776	1,135	923	759	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,399	1,888	2,784	2,890	2,374	1,642	862	744	989	327	3,446
1993	Above Normal	3,331	3,391	4,189	3,808	6,086	5,770	4,184	3,368	3,087	2,809	496	807
1994	Critical	1,557	3,065	4,024	4,654	6,468	3,278	3,234	1,001	2,459	3,861	316	2,662
1995	Wet	2,188	5,263	6,061	7,232	7,094	7,068	5,356	4,580	2,901	3,970	1,775	1,816
1996	Wet	3,311	3,992	4,618	5,547	5,443	5,415	4,071	3,464	3,293	3,264	2,589	3,758
1997	Wet	3,836	4,720	5,467	6,591	6,464	6,434	4,802	4,079	3,872	3,847	525	3,389
1998	Wet	3,607	4,281	5,010	6,016	5,902	5,873	4,416	3,758	3,571	3,540	3,007	3,698
1999	Wet	3,581	3,918	4,742	5,736	5,627	5,595	4,161	3,524	3,340	3,320	528	2,481
2000	Above Normal	2,541	3,544	4,411	5,731	5,932	5,644	4,060	3,281	3,013	2,785	300	467
2001	Dry	865	2,089	2,808	4,130	4,302	3,633	2,437	1,591	1,307	1,081	417	918
2002	Dry	1,392	4,434	5,100	6,065	5,953	4,762	4,840	1,939	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,421	5,523	5,485	5,399	4,038	3,406	3,219	3,147	2,765	3,161
1923	Below Normal	2,604	2,793	3,859	5,468	5,851	5,400	3,755	2,926	2,625	2,295	457	504
1924	Critical	790	1,399	1,939	2,869	2,980	2,487	1,664	1,061	860	707	319	485
1925	Dry	1,270	3,178	4,164	5,928	6,472	5,904	4,082	3,115	2,750	2,281	348	616
1926	Dry	1,194	1,942	3,413	4,829	5,275	4,813	3,333	2,538	2,234	1,848	449	2,090
1927	Wet	3,839	4,095	4,783	5,839	5,728	5,700	4,330	3,704	3,532	3,495	514	1,118
1928	Above Normal	1,232	4,642	5,337	6,404	6,285	6,260	4,787	4,109	3,925	3,880	367	423
1929	Critical	540	1,302	2,131	3,130	3,242	2,710	653	1,288	1,445	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	307	574
1931	Critical	856	1,754	2,366	3,500	3,632	3,033	2,025	1,293	1,051	865	415	786
1932	Dry	1,258	2,382	3,138	4,582	4,978	4,511	3,138	2,379	2,099	1,726	414	798
1933	Critical	1,031	2,088	2,991	4,337	4,614	4,036	2,744	1,920	1,632	1,357	320	632
1934	Critical	1,036	2,178	2,911	4,245	4,482	3,710	456	2,612	2,316	1,871	321	788
1935	Below Normal	1,220	3,955	4,799	6,254	6,437	6,160	4,523	3,704	3,432	3,195	432	790
1936	Below Normal	3,947	4,453	5,262	6,388	6,267	6,241	4,760	4,081	3,897	3,853	358	705
1937	Below Normal	1,633	5,502	6,322	7,620	7,475	7,451	5,707	4,906	4,693	4,534	466	3,840
1938	Wet	4,081	5,793	6,681	7,982	7,954	7,922	5,987	5,143	4,904	4,862	639	806
1939	Dry	1,135	2,701	3,547	1,436	6,678	4,348	4,055	1,785	1,354	3,831	408	483
1940	Above Normal	1,551	3,118	4,193	5,320	6,605	6,206	4,359	3,346	2,973	2,365	1,368	3,409
1941	Wet	3,731	4,587	5,315	6,497	6,372	6,342	4,787	4,086	3,891	3,838	2,472	3,222
1942	Wet	3,014	3,222	4,019	5,425	5,646	5,337	3,810	3,062	2,804	2,574	2,312	3,430
1943	Wet	3,468	5,079	5,871	7,167	7,027	6,997	5,274	4,503	1,149	5,630	401	388
1944	Dry	897	2,311	3,068	4,473	4,769	4,202	2,883	2,055	1,766	1,474	608	788
1945	Below Normal	3,823	4,443	5,126	6,231	6,113	6,087	4,639	3,975	3,794	3,752	2,889	3,599
1946	Below Normal	3,327	3,356	4,156	5,290	5,290	5,171	3,805	3,174	2,980	2,893	532	832
1947	Dry	1,644	4,633	5,329	6,367	6,248	6,224	4,749	4,072	3,889	3,845	344	414
1948	Below Normal	525	1,746	2,268	2,640	6,194	5,713	4,141	3,179	2,845	2,336	522	744
1949	Dry	1,068	3,526	4,497	6,167	6,615	4,759	4,720	3,591	2,083	2,438	324	439
1950	Below Normal	886	2,852	3,737	2,023	6,610	6,020	4,201	3,193	2,828	2,323	2,788	3,719
1951	Above Normal	3,600	3,938	4,770	5,875	5,762	5,730	4,295	3,653	3,471	3,446	2,664	3,726
1952	Wet	3,661	4,380	5,218	6,295	6,279	6,248	4,691	3,995	3,800	3,772	2,995	3,105
1953	Wet	2,270	2,748	3,801	5,473	5,917	5,412	3,728	2,868	2,551	2,181	598	2,933
1954	Above Normal	1,887	2,984	4,015	5,740	6,280	5,704	3,899	2,955	2,596	2,150	466	915
1955	Dry	1,438	2,772	3,642	5,176	5,659	5,145	3,543	2,691	2,367	1,960	2,455	4,064
1956	Wet	4,178	4,653	5,404	6,632	6,503	6,471	4,852	4,130	3,927	3,900	643	810
1957	Above Normal	2,006	3,104	4,144	4,961	6,677	6,192	4,350	3,331	2,963	2,462	526	3,842
1958	Wet	3,816	5,771	6,654	8,074	7,916	7,887	5,970	5,118	2,655	5,389	669	952
1959	Below Normal	1,442	2,637	3,468	2,106	6,069	5,527	3,869	2,936	2,593	2,142	308	400
1960	Dry	1,022	3,596	4,573	5,450	6,843	5,559	4,748	3,724	3,359	2,897	310	551
1961	Dry	798	2,746	3,599	4,886	5,605	4,554	2,541	698	2,998	3,216	321	436
1962	Below Normal	1,425	2,920	3,882	2,941	6,672	6,120	4,374	3,363	3,004	2,496	2,763	3,394
1963	Wet	3,196	3,282	4,150	5,365	5,426	5,254	3,835	3,167	2,954	2,827	798	3,767
1964	Dry	2,527	3,705	4,404	5,502	5,560	5,402	3,962	3,281	3,063	2,939	1,621	3,449
1965	Wet	3,291	3,481	4,193	4,492	5,733	5,525	4,074	3,359	3,130	2,959	2,704	3,201
1966	Below Normal	2,677	2,893	3,891	5,445	5,804	5,375	3,746	2,929	2,633	2,318	509	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,872	7,843	5,929	5,078	4,361	5,018	525	1,084
1968	Below Normal	1,481	2,705	3,556	2,600	6,163	5,631	4,015	3,077	2,735	2,270	2,436	3,942
1969	Wet	4,202	5,556	6,422	7,726	7,680	7,649	5,753	4,911	4,676	4,642	2,725	3,565
1970	Wet	3,515	3,969	4,645	5,724	5,614	5,583	4,186	3,559	3,383	3,358	2,693	3,261
1971	Wet	2,606	2,932	3,956	5,444	5,762	5,369	3,760	2,962	2,675	2,387	1,071	3,006
1972	Below Normal	2,894	3,061	3,954	5,521	5,955	5,467	3,774	2,906	2,583	2,214	463	3,940
1973	Above Normal	3,799	4,148	4,956	6,067	5,950	5,920	4,474	3,818	3,635	3,602	2,896	4,137
1974	Wet	3,970	4,382	5,084	6,256	6,134	6,102	4,568	3,884	3,692	3,667	1,690	1,365
1975	Wet	3,741	4,197	4,851	5,924	5,812	5,784	4,386	3,751	3,576	3,541	534	783
1976	Critical	1,346	3,061	4,016	5,231	6,322	4,819	4,301	3,278	2,904	2,044	312	425
1977	Critical	520	967	451	79	205	176	1,316	551	2,236	3,020	303	912
1978	Above Normal	3,126	3,608	4,573	5,999	6,182	5,908	4,313	3,524	3,259	3,031	626	806
1979	Below Normal	3,794	4,143	4,810	5,856	5,745	5,719	4,360	3,734	3,564	3,523	1,713	4,081
1980	Above Normal	4,246	4,725	5,651	6,915	6,779	6,749	5,076	4,328	4,118	4,087	561	1,821
1981	Dry	2,106	3,069	4,180	5,593	6,592	6,035	4,217	3,251	2,893	2,443	2,391	3,528
1982	Wet	3,813	5,655	6,531	7,951	7,795	7,765	5,852	5,004	4,659	4,625	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,539	5,656	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,863	5,750	5,719	4,281	3,639	3,457	3,433	2,749	3,280
1985	Dry	3,651	3,898	4,675	5,722	5,613	5,582	4,180	3,552	3,374	3,349	378	680
1986	Wet	4,568	5,754	6,625	7,990	7,852	7,811	5,944	5,135	2,285	5,375	406	410
1987	Dry	501	1,331	1,797	2,651	2,752	2,300	1,548	992	807	662	325	652
1988	Critical	526	1,004	1,443	2,134	2,220	1,849	1,245	792	640	524	447	711
1989	Dry	771	4,016	4,885	6,198	6,351	5,787	4,563	3,751	3,481	3,261	308	473
1990	Critical	689	1,546	2,086	3,081	3,198	2,672	1,789	1,144	930	765	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,375	1,856	2,737	2,841	2,335	1,614	883	736	932	329	3,451
1993	Above Normal	3,342	3,399	4,194	3,949	6,174	5,862	4,288	3,474	3,199	2,919	601	807
1994	Critical	1,554	3,061	4,019	4,699	6,450	3,275	3,233	995	2,458	3,863	316	2,662
1995	Wet	2,188	5,263	6,061	7,340	6,854	7,242	5,534	3,371	740	4,023	1,883	1,814
1996	Wet	3,310	3,980	4,604	5,638	5,531	5,503	4,166	3,558	3,390	3,305	2,590	3,759
1997	Wet	3,839	4,720	5,466	6,699	6,569	6,538	4,910	4,183	3,980	3,951	627	3,390
1998	Wet	3,608	4,287	4,983	5,985	5,871	5,947	4,501	3,843	3,660	3,602	3,113	3,698
1999	Wet	3,581	3,918	4,742	5,844	5,732	5,700	4,269	3,629	3,449	3,424	633	2,483
2000	Above Normal	2,497	3,521	4,398	5,847	6,062	5,759	4,166	3,374	3,105	2,863	405	471
2001	Dry	869	2,091	2,811	4,136	4,309	3,642	2,444	1,598	1,314	1,087	419	918
2002	Dry	1,392	4,428	5,094	6,058	5,946	4,712	4,846	2,010	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,399	6,099	5,566	3,941	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	108	105	105	108	105	108	104	0	-5
1923	Below Normal	-22	-4	-2	111	112	108	108	103	105	99	105	1
1924	Critical	1	1	1	1	1	1	1	0	0	0	0	-1
1925	Dry	-1	2	3	33	32	32	32	30	31	30	28	-1
1926	Dry	-1	-2	-2	-1	-1	-1	0	0	1	1	2	-2
1927	Wet	0	0	0	108	105	105	108	105	108	105	105	-3
1928	Above Normal	0	0	0	59	57	57	59	57	59	57	57	0
1929	Critical	0	-1	-1	-1	-1	-1	-1	-1	-1	1	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1932	Dry	0	0	0	108	105	105	108	105	108	76	105	-1
1933	Critical	0	0	0	3	3	3	3	3	3	3	3	110
1934	Critical	135	140	166	191	275	934	16	42	180	189	-1	-6
1935	Below Normal	-13	-134	-77	133	210	143	84	36	14	-42	110	0
1936	Below Normal	2	-1	-1	107	104	104	107	104	108	104	0	0
1937	Below Normal	-1	0	0	108	105	105	108	105	108	0	-63	-117
1938	Wet	-124	32	35	18	145	142	135	141	144	139	256	-134
1939	Dry	-349	-488	-637	-2,194	-124	323	-420	186	95	97	105	2
1940	Above Normal	0	1	1	114	102	106	109	106	109	1	-2	0
1941	Wet	-14	-15	-17	88	85	85	93	92	96	72	4	5
1942	Wet	-9	-1	-1	108	106	105	108	104	107	103	0	-36
1943	Wet	-32	-28	-32	69	67	67	80	81	-129	321	105	0
1944	Dry	5	-1	-1	48	47	46	48	47	48	47	48	0
1945	Below Normal	-53	6	6	115	112	112	114	110	113	110	102	-4
1946	Below Normal	-4	-36	-22	115	135	115	102	86	83	65	106	6
1947	Dry	-2	13	15	47	46	46	43	40	40	39	29	0
1948	Below Normal	0	1	19	0	5	3	7	4	3	-7	-2	-2
1949	Dry	-3	-24	-17	1	14	-23	2	-2	0	1	1	0
1950	Below Normal	0	0	0	15	14	14	15	14	15	0	-40	4
1951	Above Normal	3	4	3	112	108	108	111	108	111	107	105	-6
1952	Wet	-6	-7	-891	-1,050	-924	-924	-681	-579	-547	-545	470	1,870
1953	Wet	829	127	237	1,891	20	49	1	43	55	119	75	637
1954	Above Normal	173	-11	5	191	94	-44	-52	-43	-42	-32	-11	27
1955	Dry	38	67	87	125	137	125	86	66	59	49	-79	-55
1956	Wet	13	13	12	120	117	117	119	115	118	114	107	0
1957	Above Normal	-58	-1	-2	68	105	110	114	110	113	108	104	-3
1958	Wet	-3	-3	-3	104	101	101	106	102	70	101	105	-2
1959	Below Normal	0	0	0	3	3	3	3	3	3	3	3	0
1960	Dry	-4	1	1	3	0	9	-3	-2	-2	-1	0	0
1961	Dry	0	0	0	1	0	-3	0	-1	-2	-2	0	0
1962	Below Normal	1	0	0	108	105	105	108	105	108	105	105	0
1963	Wet	0	0	0	108	105	105	108	105	108	105	108	0
1964	Dry	2	0	0	-1	-2	-2	0	1	1	1	0	-1
1965	Wet	-1	-2	-1	103	107	106	109	105	108	104	105	0
1966	Below Normal	1	0	0	83	80	80	83	80	83	81	80	0
1967	Wet	0	0	0	0	105	105	108	105	-372	323	102	-58
1968	Below Normal	3	12	15	123	111	111	110	104	107	102	-10	-44
1969	Wet	5	5	5	6	110	110	113	109	113	109	-57	-78
1970	Wet	-83	23	-37	63	60	61	77	79	84	80	120	21
1971	Wet	84	20	11	49	27	45	62	71	79	90	85	-27
1972	Below Normal	1	8	6	2	-2	1	4	6	7	10	0	0
1973	Above Normal	0	0	0	108	105	105	108	105	108	105	105	-10
1974	Wet	-11	-13	-15	90	87	87	95	94	98	94	132	13
1975	Wet	-3	-6	-7	101	97	97	102	99	103	99	103	0
1976	Critical	4	7	9	23	13	-1	12	12	7	-43	0	0
1977	Critical	0	0	-5	0	0	0	-1	0	-2	-5	0	0
1978	Above Normal	-247	-162	-126	169	313	190	79	-4	-47	-145	108	2
1979	Below Normal	-171	-185	-215	-148	-146	-146	-81	-58	-48	-50	1,230	-143
1980	Above Normal	-103	-985	-939	-989	-969	-971	-725	-626	-50	-892	51	1,009
1981	Dry	831	289	425	2,881	218	204	86	99	99	136	116	6
1982	Wet	-3	-1	-2	107	103	103	107	103	-1	-1	0	0
1983	Wet	0	0	0	0	0	105	108	0	0	0	0	0
1984	Wet	0	0	0	108	105	105	108	105	108	105	105	0
1985	Dry	0	0	0	74	72	72	74	72	74	72	72	0
1986	Wet	-116	13	14	115	118	115	117	123	-228	107	105	0
1987	Dry	0	-1	-1	1	1	1	2	2	2	2	2	1
1988	Critical	0	0	17	24	25	21	14	9	7	6	-3	-5
1989	Dry	-6	-23	-13	6	20	-156	43	31	25	12	0	7
1990	Critical	8	12	16	24	25	21	14	9	7	6	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	-24	-32	-47	-49	-39	-28	21	-8	-57	2	5
1993	Above Normal	10	8	5	141	88	92	104	105	112	110	105	0
1994	Critical	-3	-4	-5	45	-18	-3	-1	-6	-2	2	0	0
1995	Wet	0	0	0	108	-240	175	178	-1,209	-2,161	54	108	-1
1996	Wet	-1	-13	-14	91	88	88	95	94	98	41	1	1
1997	Wet	3	-1	-1	108	104	104	108	104	108	104	102	1
1998	Wet	1	5	-27	-31	-31	74	85	84	89	62	105	0
1999	Wet	0	0	0	108	105	105	108	105	108	105	105	2
2000	Above Normal	-44	-24	-13	116	130	115	106	93	92	78	105	4
2001	Dry	4	3	3	6	7	9	7	7	7	7	2	0
2002	Dry	0	-5	-6	-7	-7	-50	6	70	0	0	0	0
2003	Above Normal	0	0	0	38	37	37	38	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	0%	0%
1923	Below Normal	-1%	0%	0%	2%	2%	2%	3%	4%	4%	4%	30%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	9%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	26%	0%
1928	Above Normal	0%	0%	0%	1%	1%	1%	1%	1%	2%	1%	18%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	2%	2%	2%	4%	5%	5%	5%	34%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	21%
1934	Critical	15%	7%	6%	5%	7%	34%	4%	2%	8%	11%	0%	-1%
1935	Below Normal	-1%	-3%	-2%	2%	3%	2%	2%	1%	0%	-1%	34%	0%
1936	Below Normal	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	0%	0%
1937	Below Normal	0%	0%	0%	1%	1%	1%	2%	2%	2%	0%	-12%	-3%
1938	Wet	-3%	1%	1%	0%	2%	2%	2%	3%	3%	3%	67%	-14%
1939	Dry	-24%	-15%	-15%	-60%	-2%	8%	-9%	12%	8%	3%	35%	0%
1940	Above Normal	0%	0%	0%	2%	2%	2%	3%	3%	4%	0%	0%	0%
1941	Wet	0%	0%	0%	1%	1%	1%	2%	2%	3%	2%	0%	0%
1942	Wet	0%	0%	0%	2%	2%	2%	3%	4%	4%	4%	0%	-1%
1943	Wet	-1%	-1%	-1%	1%	1%	1%	2%	2%	-10%	6%	35%	0%
1944	Dry	1%	0%	0%	1%	1%	1%	2%	2%	3%	3%	9%	0%
1945	Below Normal	-1%	0%	0%	2%	2%	2%	3%	3%	3%	3%	4%	0%
1946	Below Normal	0%	-1%	-1%	2%	3%	2%	3%	3%	3%	2%	25%	1%
1947	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	9%	0%
1948	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	4%	0%
1952	Wet	0%	0%	-15%	-14%	-13%	-13%	-13%	-13%	-13%	-13%	19%	151%
1953	Wet	58%	5%	7%	53%	0%	1%	0%	2%	2%	6%	14%	28%
1954	Above Normal	10%	0%	0%	3%	2%	-1%	-1%	-1%	-2%	-1%	-2%	3%
1955	Dry	3%	2%	2%	2%	2%	2%	2%	3%	3%	3%	-3%	-1%
1956	Wet	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	20%	0%
1957	Above Normal	-3%	0%	0%	1%	2%	2%	3%	3%	4%	5%	25%	0%
1958	Wet	0%	0%	0%	1%	1%	1%	2%	2%	3%	2%	19%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	4%	2%	2%	3%	3%	4%	4%	4%	0%
1963	Wet	0%	0%	0%	2%	2%	2%	3%	3%	4%	4%	16%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	2%	2%	2%	3%	3%	4%	4%	4%	0%
1966	Below Normal	0%	0%	0%	2%	1%	2%	2%	3%	3%	4%	19%	0%
1967	Wet	0%	0%	0%	0%	1%	1%	2%	2%	-8%	7%	24%	-5%
1968	Below Normal	0%	0%	0%	5%	2%	2%	3%	3%	4%	5%	0%	-1%
1969	Wet	0%	0%	0%	0%	1%	1%	2%	2%	2%	2%	-2%	-2%
1970	Wet	-2%	1%	-1%	1%	1%	1%	2%	2%	3%	2%	5%	1%
1971	Wet	3%	1%	0%	1%	0%	1%	2%	2%	3%	4%	9%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	4%	0%
1974	Wet	0%	0%	0%	1%	1%	1%	2%	2%	3%	3%	8%	1%
1975	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	24%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1977	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-7%	-4%	-3%	3%	5%	3%	2%	0%	-1%	-5%	21%	0%
1979	Below Normal	-4%	-4%	-4%	-2%	-2%	-2%	-2%	-2%	-1%	-1%	255%	-3%
1980	Above Normal	-2%	-17%	-14%	-13%	-13%	-13%	-12%	-13%	-1%	-18%	10%	124%
1981	Dry	65%	10%	11%	106%	3%	3%	2%	3%	4%	6%	5%	0%
1982	Wet	0%	0%	0%	1%	1%	1%	2%	2%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	4%	0%
1985	Dry	0%	0%	0%	1%	1%	1%	2%	2%	2%	2%	23%	0%
1986	Wet	-2%	0%	0%	1%	2%	2%	2%	2%	-9%	2%	35%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1988	Critical	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	-3%	1%	1%	1%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-2%	-2%	-2%	-2%	-2%	-2%	2%	-1%	-6%	1%	0%
1993	Above Normal	0%	0%	0%	4%	1%	2%	2%	3%	4%	4%	21%	0%
1994	Critical	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	1%	-3%	2%	3%	-26%	-74%	1%	6%	0%
1996	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	1%	0%	0%
1997	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	19%	0%
1998	Wet	0%	0%	-1%	-1%	-1%	1%	2%	2%	2%	2%	4%	0%
1999	Wet	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	20%	0%
2000	Above Normal	-2%	-1%	0%	2%	2%	2%	3%	3%	3%	3%	35%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%
2002	Dry	0%	0%	0%	0%	0%	-1%	0%	4%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	2%	1%	1%	1%	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	870	4,787	6,425	8,229	8,269	6,337	1,662	1,684	926	471	229	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,591	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,430	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,484	8,175	7,639	5,683	1,986	1,252	542	488	210	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,238	8,003	6,127	2,236	1,805	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,755	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,427	6,475	6,396	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,038	4,754	6,330	6,282	4,770	1,476	257	557	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,323	7,909	6,057	2,167	1,766	1,005	369	218	244
1937	Below Normal	199	4,842	6,102	7,650	7,868	6,030	2,198	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	486	306	515
1939	Dry	1,023	7,300	5,456	7,965	7,579	5,829	1,793	1,498	966	424	220	237
1940	Above Normal	243	5,039	5,609	9,099	8,888	6,859	2,581	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,629	6,433	8,729	8,566	6,622	2,537	1,912	924	484	247	266
1944	Dry	334	5,399	5,205	7,704	7,636	5,818	2,007	1,439	667	421	235	240
1945	Below Normal	217	5,662	5,420	8,058	8,419	6,464	2,465	1,140	788	332	325	187
1946	Below Normal	333	7,050	6,445	8,714	8,318	6,499	2,420	1,800	756	366	366	276
1947	Dry	244	5,663	5,976	7,438	8,036	6,113	2,312	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,304	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,614	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,089	8,021	7,713	5,879	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,768	5,607	9,032	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	471	5,237	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,309	6,578	8,962	8,956	6,261	2,632	2,017	617	386	247	202
1955	Dry	667	5,404	5,987	8,027	7,686	5,860	1,826	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	413	7,035	6,621	8,421	8,180	6,171	1,305	1,899	1,021	438	240	259
1960	Dry	213	5,415	5,408	8,084	7,706	5,861	2,162	1,702	649	452	218	244
1961	Dry	220	5,405	5,899	8,021	8,081	6,118	2,079	1,779	638	414	260	250
1962	Below Normal	217	6,265	6,443	8,512	8,531	6,513	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,090	6,141	7,560	7,676	5,803	1,996	1,287	633	361	218	244
1965	Wet	526	4,480	6,583	8,849	8,583	5,702	2,523	2,023	544	469	251	276
1966	Below Normal	412	6,992	6,703	8,602	8,341	6,421	2,426	1,918	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	477	7,386	5,651	8,630	8,555	6,574	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,126	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,067	6,033	7,587	7,315	4,972	1,685	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	239	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,070	6,153	8,454	8,078	6,115	2,184	1,231	731	316	220	237
1980	Above Normal	244	5,267	6,090	8,464	8,515	6,654	2,496	1,853	985	401	247	276
1981	Dry	219	4,900	5,914	8,894	8,563	6,609	2,239	1,240	601	381	245	273
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,674	6,037	7,856	7,495	5,707	1,994	1,536	627	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,357	6,381	7,943	8,037	6,077	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,974	4,732	6,667	6,637	5,052	1,717	1,154	610	270	128	208
1992	Critical	210	4,110	5,167	6,430	6,779	5,038	1,662	956	526	285	206	233
1993	Above Normal	217	5,463	4,954	8,175	9,114	6,954	2,770	1,697	776	502	247	276
1994	Critical	435	5,640	4,473	7,381	7,161	5,517	1,980	1,459	488	365	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,937	6,100	7,844	7,813	5,958	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	868	4,784	6,420	8,224	8,263	6,331	1,660	1,683	926	471	228	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,592	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,429	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,483	8,174	7,637	5,682	1,986	1,252	542	488	209	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,237	8,002	6,127	2,236	1,804	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,754	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,426	6,475	6,395	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,037	4,752	6,328	6,280	4,768	1,476	227	556	313	190	215
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,322	7,909	6,056	2,167	1,765	1,004	369	218	244
1937	Below Normal	199	4,842	6,101	7,649	7,867	6,030	2,197	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	556	306	515
1939	Dry	1,012	7,241	5,407	7,898	7,507	5,769	1,769	1,489	963	422	219	236
1940	Above Normal	243	5,044	5,621	9,119	8,910	6,877	2,590	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,627	6,427	8,722	8,558	6,616	2,534	1,911	924	484	247	266
1944	Dry	334	5,403	5,209	7,710	7,643	5,824	2,010	1,440	667	422	235	240
1945	Below Normal	217	5,658	5,415	8,051	8,410	6,456	2,461	1,139	787	331	324	187
1946	Below Normal	333	7,051	6,446	8,716	8,320	6,501	2,421	1,801	756	366	366	276
1947	Dry	244	5,665	5,979	7,441	8,040	6,117	2,314	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,303	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,615	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,090	8,021	7,713	5,880	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,769	5,607	9,033	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	467	5,230	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,311	6,581	8,966	8,961	6,264	2,634	2,017	617	386	247	202
1955	Dry	667	5,403	5,985	8,025	7,684	5,858	1,825	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	414	7,040	6,627	8,429	8,188	6,178	1,307	1,901	1,022	439	241	259
1960	Dry	213	5,415	5,408	8,083	7,704	5,860	2,162	1,702	649	452	218	244
1961	Dry	220	5,404	5,897	8,019	8,078	6,116	2,078	1,778	637	414	260	250
1962	Below Normal	217	6,264	6,443	8,512	8,531	6,512	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,091	6,142	7,561	7,677	5,804	1,996	1,287	633	361	218	244
1965	Wet	524	4,474	6,568	8,830	8,563	5,689	2,515	2,020	544	469	251	276
1966	Below Normal	412	6,995	6,707	8,606	8,346	6,425	2,428	1,919	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	476	7,386	5,650	8,629	8,554	6,573	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,127	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,066	6,032	7,586	7,314	4,971	1,684	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	236	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,031	6,068	8,341	7,955	6,018	2,137	1,227	730	315	218	235
1980	Above Normal	244	5,268	6,092	8,465	8,518	6,656	2,497	1,853	985	401	247	276
1981	Dry	219	4,890	5,896	8,866	8,533	6,584	2,226	1,237	601	379	243	271
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,671	6,032	7,850	7,489	5,703	1,991	1,535	626	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,355	6,378	7,941	8,034	6,075	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,973	4,731	6,667	6,636	5,051	1,717	1,154	610	270	128	208
1992	Critical	210	4,108	5,163	6,424	6,772	5,033	1,660	956	526	285	206	233
1993	Above Normal	217	5,456	4,943	8,158	9,091	6,935	2,761	1,696	776	502	247	276
1994	Critical	435	5,638	4,472	7,378	7,158	5,514	1,979	1,459	487	364	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,938	6,101	7,844	7,813	5,959	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	-2	-3	-5	-5	-6	-5	-2	-1	-1	0	0	0
1924	Critical	0	0	0	1	1	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	-1	0	0	0	0	0	0	0
1926	Dry	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	-1	-1	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	-1	-1	-2	-2	-1	-1	-30	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1937	Below Normal	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	70	0	0
1939	Dry	-11	-59	-49	-67	-72	-59	-24	-9	-3	-1	-1	-1
1940	Above Normal	0	6	12	20	22	18	9	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	-2	-6	-7	-8	-7	-3	-1	0	0	0	0
1944	Dry	1	3	5	7	8	6	3	1	1	0	0	1
1945	Below Normal	0	-4	-5	-7	-9	-7	-4	-1	-1	-1	-1	-1
1946	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1947	Dry	0	2	3	3	4	3	2	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	1	1	1	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	-3	-7	0	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	1	3	4	5	3	2	1	0	0	0	0
1955	Dry	0	-1	-2	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	1	5	6	8	8	7	2	2	1	1	1	1
1960	Dry	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1961	Dry	0	-1	-2	-2	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	1	1	1	1	1	0	0	0	0	0	0
1965	Wet	-1	-6	-15	-19	-20	-14	-8	-3	0	0	0	0
1966	Below Normal	0	3	4	4	5	4	2	1	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-2	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	-40	-85	-113	-123	-97	-46	-4	-1	-1	-1	-1
1980	Above Normal	0	1	1	2	2	2	1	0	0	0	0	0
1981	Dry	0	-10	-18	-28	-30	-25	-13	-3	-1	-2	-2	-2
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-4	-5	-6	-6	-5	-3	-1	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-1	-2	-2	-3	-2	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1992	Critical	0	-2	-5	-5	-6	-4	-2	0	0	0	0	0
1993	Above Normal	0	-8	-11	-17	-23	-18	-8	-2	0	0	0	0
1994	Critical	0	-2	-2	-3	-3	-3	-2	-1	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%	0%
1939	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-1%	-1%	-1%	-2%	-2%	-2%	0%	0%	0%	-1%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	4
1934	Critical	56	1,755	1,579	2,037	2,107	1,602	603	120	6	6	3	7
1935	Below Normal	20	1,127	2,976	3,638	3,408	2,738	2,195	446	16	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	11	17
1938	Wet	39	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	8	67
1939	Dry	634	3,378	2,263	3,174	3,000	2,410	1,670	448	83	10	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,295	2,667	2,225	665	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	34	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,908	602	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,360	2,502	2,256	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,060	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	3,000	3,136	3,207	2,597	2,160	738	22	21	14	12
1953	Wet	104	1,971	2,707	3,297	3,329	2,496	2,232	415	12	12	7	13
1954	Above Normal	27	1,311	2,967	3,453	3,321	2,526	2,228	681	13	13	7	10
1955	Dry	264	2,293	2,944	3,270	3,078	2,470	1,898	432	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,663	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	16	16
1970	Wet	35	2,518	3,064	2,991	3,123	2,514	2,098	282	18	17	14	15
1971	Wet	79	3,012	2,423	3,115	3,007	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,116	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,338	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	31	1,252	3,129	3,641	3,427	2,757	1,489	818	16	15	5	8
1979	Below Normal	35	1,828	3,118	3,559	3,316	2,546	2,109	88	17	16	10	18
1980	Above Normal	41	2,401	2,859	3,176	3,109	2,513	2,045	604	76	22	5	9
1981	Dry	20	1,923	3,017	3,581	3,340	2,680	1,903	27	12	12	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	41	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,540	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,104	2,483	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,268	2,613	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,481	2,796	2,166	34	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	6	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,015	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 2 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	5
1934	Critical	57	1,756	1,579	2,039	2,111	1,607	606	122	7	7	3	7
1935	Below Normal	19	1,127	2,975	3,637	3,406	2,737	2,194	445	15	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	10	16
1938	Wet	38	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	7	65
1939	Dry	632	3,376	2,261	3,169	2,990	2,399	1,662	443	82	9	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,294	2,666	2,224	664	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	33	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,907	601	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,361	2,502	2,257	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,059	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	2,997	3,130	3,195	2,584	2,150	733	19	19	16	14
1953	Wet	106	1,973	2,709	3,301	3,338	2,505	2,239	419	14	14	7	14
1954	Above Normal	28	1,311	2,968	3,454	3,322	2,527	2,229	682	14	13	7	10
1955	Dry	264	2,293	2,945	3,271	3,080	2,472	1,899	433	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,662	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	15	16
1970	Wet	35	2,518	3,064	2,990	3,122	2,513	2,097	282	17	17	15	15
1971	Wet	79	3,013	2,423	3,115	3,008	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,117	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,339	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	30	1,251	3,128	3,640	3,424	2,755	1,487	817	15	15	6	8
1979	Below Normal	33	1,827	3,117	3,557	3,312	2,542	2,106	87	16	16	12	18
1980	Above Normal	41	2,397	2,856	3,170	3,096	2,500	2,035	598	73	20	7	13
1981	Dry	28	1,925	3,019	3,585	3,350	2,690	1,910	31	14	14	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	40	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,539	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,105	2,484	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,267	2,612	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,480	2,795	2,166	33	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,522	1,880	193	7	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,014	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	1
1934	Critical	1	1	1	2	4	4	3	2	1	1	0	0
1935	Below Normal	0	0	0	-1	-1	-1	-1	-1	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	-1	-1
1938	Wet	-1	0	0	0	0	0	0	0	0	0	-1	-2
1939	Dry	-2	-2	-2	-5	-10	-11	-8	-5	-2	-2	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	-1	-1	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	-3	-6	-12	-13	-10	-5	-2	-2	2	2
1953	Wet	2	2	2	4	9	9	7	4	2	2	0	1
1954	Above Normal	1	0	0	1	1	1	1	1	0	0	0	0
1955	Dry	0	0	0	1	1	1	1	1	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	-1	0	0	0	-1	-1	-1	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-1	0	-1	-1	-2	-2	-2	-1	0	0	0	0
1979	Below Normal	-1	-1	-1	-2	-4	-4	-3	-1	-1	-1	2	0
1980	Above Normal	0	-4	-3	-6	-13	-14	-10	-6	-2	-3	2	4
1981	Dry	7	2	2	4	9	10	7	4	2	2	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%
1934	Critical	2%	0%	0%	0%	0%	0%	1%	2%	10%	10%	0%	-2%
1935	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	2%	3%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	-3%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	-3%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	-15%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-1%	0%	-1%	-11%	-11%	15%	18%
1953	Wet	2%	0%	0%	0%	0%	0%	0%	1%	14%	14%	3%	4%
1954	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%
1970	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	1%	1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	1%	2%
1979	Below Normal	-4%	0%	0%	0%	0%	0%	0%	-1%	-4%	-4%	16%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	0%	-1%	-3%	-11%	35%	45%
1981	Dry	37%	0%	0%	0%	0%	0%	0%	16%	16%	16%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	-1%	-1%
1989	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,211	3,353	3,491	3,952	3,721	3,376	2,925	2,614	2,605
1924	Critical	2,552	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,841	1,418	1,088	967
1925	Dry	965	1,126	1,236	1,562	2,744	3,112	3,795	3,932	3,680	3,197	2,815	2,716
1926	Dry	2,606	2,584	2,623	2,666	3,415	3,572	3,855	3,716	3,242	2,671	2,310	2,184
1927	Wet	2,110	2,565	3,007	3,447	3,462	4,105	4,552	4,552	4,223	3,727	3,332	2,659
1928	Above Normal	2,571	2,822	2,932	3,159	3,653	3,965	4,541	4,493	3,972	3,282	2,895	2,560
1929	Critical	2,438	2,369	2,438	2,702	2,890	3,063	3,104	2,978	2,666	2,213	1,707	1,618
1930	Dry	1,497	1,422	1,967	2,169	2,570	3,066	3,206	3,187	2,851	2,439	2,184	2,157
1931	Critical	2,095	2,073	2,062	2,144	2,233	2,406	2,088	1,823	1,466	979	650	612
1932	Dry	581	586	764	977	1,093	1,551	1,657	1,840	1,700	1,422	1,189	1,089
1933	Critical	991	960	950	959	995	1,593	1,771	1,866	1,716	1,467	889	694
1934	Critical	635	619	738	1,024	1,339	1,593	1,593	1,462	1,161	721	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,705	2,306	1,916	1,804
1936	Below Normal	1,715	1,653	1,647	2,304	3,185	3,487	3,712	3,672	3,452	2,933	2,586	2,515
1937	Below Normal	2,378	2,278	2,251	2,226	2,306	2,953	3,653	3,898	3,695	3,279	2,929	2,824
1938	Wet	2,776	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,076	3,264	3,398	3,484	3,901	3,838	3,624	3,191	2,638	2,299	2,245
1940	Above Normal	2,144	2,048	2,185	3,080	3,252	3,435	4,131	4,131	3,730	3,129	2,737	2,611
1941	Wet	2,520	2,472	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,112	2,876	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,101	3,700	3,196
1943	Wet	3,107	2,861	3,113	3,541	3,848	4,118	4,552	4,552	4,270	3,694	3,332	2,820
1944	Dry	2,748	2,501	2,503	2,551	2,865	3,256	3,288	3,308	3,142	2,743	2,474	2,458
1945	Below Normal	2,393	2,542	2,818	3,038	3,732	3,974	4,138	4,269	4,047	3,550	3,213	3,147
1946	Below Normal	3,047	3,252	3,265	3,622	3,805	4,124	4,293	4,258	3,880	3,374	3,032	2,956
1947	Dry	2,840	2,890	3,006	3,007	3,273	3,798	3,889	3,584	3,392	2,820	2,501	2,342
1948	Below Normal	2,388	2,402	2,405	2,973	3,066	3,402	4,309	4,551	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,367	4,386	3,979	3,455	3,085	2,940
1950	Below Normal	2,782	2,720	2,672	2,920	3,271	3,647	4,029	4,022	3,715	3,318	3,019	2,993
1951	Above Normal	3,163	3,252	3,322	3,624	3,794	4,221	4,333	4,480	4,032	3,384	3,013	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,390
1953	Wet	3,218	2,989	3,345	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,197	3,051	3,209	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,904	2,938	3,187	3,351	3,472	3,638	3,868	4,049	3,762	3,240	2,973	2,991
1956	Wet	2,915	3,002	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,378
1959	Below Normal	3,250	2,935	2,960	3,648	3,777	4,221	4,301	4,151	3,671	3,082	2,692	2,823
1960	Dry	2,701	2,648	2,631	2,843	3,555	4,226	4,297	4,433	3,950	3,347	3,083	2,985
1961	Dry	2,913	3,019	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,974	2,869
1962	Below Normal	2,732	2,753	3,050	3,149	3,675	4,199	4,415	4,347	3,995	3,425	3,094	3,046
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,178	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,901	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,541	4,195	3,738	3,464	3,010
1966	Below Normal	2,877	2,964	3,084	3,568	3,962	4,229	4,552	4,428	3,885	3,256	2,930	2,825
1967	Wet	2,677	3,014	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,293
1968	Below Normal	3,244	3,090	3,181	3,358	3,654	4,226	4,259	4,160	3,717	3,124	2,895	2,877
1969	Wet	2,864	2,935	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,574	3,200
1970	Wet	3,245	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,344
1971	Wet	2,245	2,626	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,675	3,292
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,070
1974	Wet	3,184	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,898	3,069	3,217	3,866	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,019	3,127	3,362	3,441	3,628	3,696	3,557	3,200	2,761	2,755	2,857
1977	Critical	2,673	2,598	2,554	2,538	2,410	2,388	1,992	1,851	1,259	694	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,357
1979	Below Normal	3,200	3,084	3,047	3,121	3,443	3,949	4,212	4,375	3,946	3,417	3,203	3,193
1980	Above Normal	3,200	3,252	3,367	3,528	3,292	3,940	4,230	4,220	3,834	3,391	3,095	3,106
1981	Dry	3,042	2,799	2,919	3,199	3,606	4,208	4,426	4,221	3,566	2,948	2,650	2,616
1982	Wet	2,627	3,252	3,276	3,616	3,530	3,953	4,094	4,488	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,580	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,898	2,741	2,758	2,895	3,236	3,961	3,890	3,598	2,960	2,434	2,225	2,190
1988	Critical	2,048	2,023	2,520	2,896	2,944	3,078	3,098	3,056	2,629	2,072	1,615	1,562
1989	Dry	1,430	1,632	1,714	1,924	2,027	3,405	3,858	3,619	3,268	2,695	2,406	2,470
1990	Critical	2,608	2,634	2,632	2,877	2,974	3,239	3,056	3,227	3,040	2,456	2,095	2,084
1991	Critical	2,023	2,011	1,995	1,998	2,027	2,447	2,609	2,566	2,281	1,869	1,677	1,627
1992	Critical	1,506	1,359	1,355	1,390	2,033	2,472	2,722	2,383	1,810	1,384	908	883
1993	Above Normal	681	650	874	1,519	2,243	3,705	4,338	4,552	4,500	3,929	3,660	3,322
1994	Critical	3,200	2,966	3,010	3,145	3,370	3,543	3,380	3,292	2,855	2,219	1,876	1,859
1995	Wet	1,740	1,713	1,759	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,971	3,337	3,702	3,503	4,010	4,432	4,552	4,340	3,913	3,648	3,230
1997	Wet	3,052	2,947	3,252	3,252	3,737	3,956	4,013	3,774	3,422	2,887	2,710	2,243
1998	Wet	2,098	2,065	2,311	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,128	2,777	2,867	3,565	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,853	3,009	3,437	3,932	4,029	3,821	3,270	2,793	2,643	2,613
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,988
2003	Above Normal	2,796	2,739	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,350	3,152

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,210	3,353	3,491	3,951	3,721	3,376	2,925	2,614	2,606
1924	Critical	2,553	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,840	1,417	1,088	965
1925	Dry	963	1,124	1,234	1,560	2,742	3,111	3,793	3,931	3,678	3,196	2,813	2,715
1926	Dry	2,604	2,582	2,621	2,664	3,413	3,570	3,853	3,714	3,241	2,669	2,309	2,183
1927	Wet	2,109	2,564	3,006	3,446	3,462	4,105	4,552	4,552	4,223	3,727	3,331	2,659
1928	Above Normal	2,570	2,822	2,931	3,159	3,652	3,965	4,541	4,493	3,972	3,281	2,895	2,559
1929	Critical	2,438	2,369	2,437	2,702	2,889	3,063	3,104	2,977	2,665	2,213	1,707	1,617
1930	Dry	1,496	1,421	1,966	2,167	2,568	3,065	3,204	3,186	2,849	2,438	2,183	2,156
1931	Critical	2,094	2,072	2,061	2,143	2,231	2,405	2,087	1,822	1,464	977	650	612
1932	Dry	581	586	764	975	1,091	1,549	1,655	1,838	1,700	1,422	1,186	1,086
1933	Critical	988	957	946	955	992	1,590	1,766	1,861	1,710	1,460	882	686
1934	Critical	629	618	734	1,020	1,335	1,589	1,589	1,457	1,156	715	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,015	2,704	2,305	1,914	1,802
1936	Below Normal	1,713	1,651	1,644	2,301	3,183	3,485	3,710	3,669	3,449	2,930	2,583	2,512
1937	Below Normal	2,375	2,274	2,247	2,222	2,302	2,949	3,649	3,894	3,691	3,275	2,924	2,819
1938	Wet	2,772	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,973	3,619	3,211
1939	Dry	3,200	3,067	3,243	3,376	3,463	3,880	3,761	3,564	3,165	2,612	2,277	2,241
1940	Above Normal	2,153	2,056	2,193	3,088	3,252	3,435	4,131	4,130	3,727	3,127	2,733	2,659
1941	Wet	2,568	2,505	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,109	2,858	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,100	3,700	3,196
1943	Wet	3,107	2,862	3,115	3,541	3,848	4,118	4,552	4,552	4,270	3,706	3,344	2,824
1944	Dry	2,752	2,512	2,514	2,562	2,876	3,263	3,295	3,315	3,149	2,751	2,478	2,460
1945	Below Normal	2,395	2,545	2,820	3,040	3,734	3,976	4,140	4,271	4,050	3,553	3,217	3,151
1946	Below Normal	3,051	3,252	3,265	3,622	3,805	4,124	4,292	4,257	3,880	3,378	3,039	2,962
1947	Dry	2,843	2,893	3,010	3,011	3,276	3,801	3,892	3,587	3,393	2,821	2,497	2,341
1948	Below Normal	2,387	2,400	2,403	2,972	3,065	3,401	4,308	4,550	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,366	4,386	3,979	3,455	3,085	2,939
1950	Below Normal	2,781	2,719	2,671	2,918	3,270	3,645	4,027	4,020	3,713	3,317	3,018	2,992
1951	Above Normal	3,162	3,252	3,322	3,624	3,794	4,222	4,333	4,480	4,033	3,384	3,014	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,391
1953	Wet	3,219	2,899	3,342	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,200	3,058	3,216	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,903	2,935	3,184	3,351	3,470	3,637	3,867	4,048	3,760	3,239	2,973	2,992
1956	Wet	2,912	2,999	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,186	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,380
1959	Below Normal	3,250	2,865	2,890	3,648	3,777	4,221	4,301	4,150	3,670	3,081	2,691	2,822
1960	Dry	2,698	2,647	2,629	2,841	3,553	4,225	4,296	4,432	3,949	3,345	3,082	2,979
1961	Dry	2,907	3,013	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,976	2,870
1962	Below Normal	2,732	2,752	3,049	3,147	3,675	4,199	4,415	4,347	3,994	3,425	3,094	3,045
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,179	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,900	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,542	4,197	3,740	3,467	3,013
1966	Below Normal	2,880	2,970	3,091	3,575	3,969	4,229	4,552	4,427	3,885	3,256	2,930	2,825
1967	Wet	2,676	3,013	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,282
1968	Below Normal	3,233	2,993	3,082	3,259	3,654	4,226	4,259	4,160	3,717	3,123	2,894	2,876
1969	Wet	2,864	2,934	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,573	3,200
1970	Wet	3,240	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,073	2,794	2,338
1971	Wet	2,240	2,622	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,676	3,293
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,527	4,076	3,460	3,206	3,053
1974	Wet	3,167	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,349	4,150	3,700	3,364
1975	Wet	3,250	2,903	3,075	3,223	3,872	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,018	3,125	3,360	3,439	3,627	3,695	3,556	3,200	2,762	2,755	2,857
1977	Critical	2,673	2,597	2,554	2,537	2,408	2,387	1,990	1,848	1,257	692	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,165	3,719	3,382	3,355
1979	Below Normal	3,196	2,950	2,913	2,993	3,321	3,821	4,084	4,262	3,841	3,353	3,148	3,138
1980	Above Normal	3,141	3,250	3,367	3,528	3,292	3,940	4,230	4,220	3,833	3,390	3,093	3,056
1981	Dry	2,989	2,773	2,893	3,172	3,580	4,182	4,400	4,195	3,541	2,915	2,625	2,586
1982	Wet	2,597	3,252	3,276	3,616	3,530	3,953	4,094	4,487	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,579	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,897	2,734	2,750	2,888	3,228	3,954	3,883	3,591	2,953	2,427	2,210	2,176
1988	Critical	2,039	2,014	2,511	2,888	2,936	3,070	3,090	3,048	2,619	2,062	1,605	1,553
1989	Dry	1,420	1,622	1,705	1,916	2,020	3,397	3,850	3,612	3,262	2,689	2,400	2,463
1990	Critical	2,602	2,628	2,626	2,871	2,968	3,233	3,050	3,220	3,033	2,450	2,141	2,070
1991	Critical	2,005	1,994	1,978	1,981	2,010	2,430	2,592	2,549	2,263	1,851	1,658	1,608
1992	Critical	1,488	1,340	1,336	1,371	2,014	2,453	2,703	2,364	1,763	1,369	889	866
1993	Above Normal	664	650	874	1,519	2,243	3,699	4,332	4,552	4,500	3,930	3,661	3,323
1994	Critical	3,200	2,968	3,010	3,145	3,369	3,542	3,380	3,290	2,850	2,214	1,872	1,855
1995	Wet	1,734	1,708	1,754	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,857	3,223	3,588	3,503	4,010	4,432	4,552	4,339	3,912	3,648	3,230
1997	Wet	3,060	2,955	3,252	3,252	3,737	3,956	4,013	3,773	3,421	2,890	2,713	2,245
1998	Wet	2,099	2,067	2,312	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,588	3,200
2000	Above Normal	3,127	2,776	2,866	3,563	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,852	3,008	3,436	3,931	4,027	3,819	3,269	2,792	2,642	2,612
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,986
2003	Above Normal	2,793	2,735	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,349	3,151

Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	1	1
1924	Critical	1	1	1	0	0	0	0	0	-1	-1	-1	-1
1925	Dry	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-2
1926	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-2	-1	-1
1927	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1928	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1930	Dry	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1931	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2	0	0
1932	Dry	0	0	0	-2	-2	-2	-2	-2	0	0	-3	-3
1933	Critical	-3	-3	-3	-3	-3	-3	-5	-6	-6	-7	-7	-8
1934	Critical	-6	-2	-4	-4	-4	-4	-5	-5	-6	-6	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	-2
1936	Below Normal	-2	-2	-2	-2	-2	-2	-2	-3	-3	-3	-3	-3
1937	Below Normal	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
1938	Wet	-4	0	0	0	0	0	0	0	0	0	-1	-1
1939	Dry	0	-9	-21	-21	-21	-21	-77	-60	-26	-26	-23	-4
1940	Above Normal	10	8	8	8	0	0	0	-1	-2	-2	-3	48
1941	Wet	48	33	0	0	0	0	0	0	0	0	0	0
1942	Wet	-3	-18	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	1	1	0	0	0	0	0	0	12	12	5
1944	Dry	4	11	11	11	11	8	7	7	6	7	5	3
1945	Below Normal	2	2	2	2	2	2	2	2	3	3	3	4
1946	Below Normal	4	0	0	0	0	0	0	0	-1	4	7	7
1947	Dry	4	3	3	3	3	3	3	3	2	2	-4	-1
1948	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	-1
1950	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2
1951	Above Normal	-1	0	0	0	0	1	1	1	1	1	1	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1953	Wet	0	-90	-3	0	0	0	0	0	0	0	0	0
1954	Above Normal	3	7	7	0	0	0	0	0	0	0	0	0
1955	Dry	-2	-3	-3	0	-2	-2	-1	-1	-1	-1	1	1
1956	Wet	-3	-3	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	2
1959	Below Normal	0	-70	-70	0	0	0	0	-1	-1	-1	-1	-1
1960	Dry	-3	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1	-6
1961	Dry	-6	-6	0	0	0	0	0	0	0	0	1	1
1962	Below Normal	0	-1	-1	-2	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	1	2	2	3	3
1966	Below Normal	3	7	7	7	7	0	0	0	0	0	-1	-1
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-11
1968	Below Normal	-11	-96	-99	-99	0	0	0	0	-1	-1	-1	-1
1969	Wet	-1	-1	-1	0	0	0	0	0	0	0	0	0
1970	Wet	-4	0	0	0	0	0	0	0	0	0	0	-6
1971	Wet	-5	-3	0	0	0	0	0	0	0	0	1	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-17
1974	Wet	-17	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	5	5	5	5	0	0	0	0	0	0	0
1976	Critical	0	-1	-1	-1	-1	-1	-1	-1	0	1	0	0
1977	Critical	-1	-1	-1	-1	-2	-2	-2	-2	-3	-3	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1979	Below Normal	-4	-134	-134	-128	-122	-128	-128	-113	-106	-64	-56	-56
1980	Above Normal	-59	-2	0	0	0	0	0	-1	-1	-1	-1	-50
1981	Dry	-53	-27	-27	-27	-26	-26	-26	-26	-25	-33	-24	-30
1982	Wet	-30	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-7	-7	-7	-7	-7	-7	-7	-7	-7	-16	-13
1988	Critical	-9	-9	-9	-9	-7	-8	-8	-8	-10	-9	-9	-9
1989	Dry	-10	-10	-10	-8	-8	-8	-8	-7	-7	-6	-6	-6
1990	Critical	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	46	-15
1991	Critical	-19	-17	-17	-17	-17	-17	-17	-17	-17	-18	-19	-19
1992	Critical	-19	-19	-19	-19	-19	-19	-19	-20	-48	-15	-19	-17
1993	Above Normal	-17	0	0	0	0	-6	-6	0	0	1	1	1
1994	Critical	0	1	-1	-1	-1	-1	-1	-2	-5	-5	-4	-4
1995	Wet	-5	-5	-5	0	0	0	0	0	0	0	0	0
1996	Wet	0	-114	-114	-114	0	0	0	0	0	0	0	0
1997	Wet	8	8	0	0	0	0	0	0	0	3	3	3
1998	Wet	2	1	1	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	-1	-1	-1	0	0	0	0	0	0	0	0
2001	Dry	0	0	-2	-2	-2	-2	-2	-2	-1	-1	0	-1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-3	-3	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	-1%	-1%	-1%	-1%	-2%	-2%	-1%	-1%	-1%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1941	Wet	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-4%	-4%	-4%	-4%	-3%	-3%	-3%	-3%	-2%	-2%	-2%
1980	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1981	Dry	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1989	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1991	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1992	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-3%	-1%	-2%	-2%
1993	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-4%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,846	12,618	11,809	10,067	7,610
1923	Below Normal	4,955	6,814	3,282	3,085	2,972	3,231	2,755	9,932	10,120	10,821	8,212	3,432
1924	Critical	4,493	4,467	4,179	1,814	2,922	4,123	7,652	7,665	9,977	9,580	8,087	4,864
1925	Dry	3,562	2,869	2,906	120	1,633	3,001	2,952	5,369	9,081	10,883	9,310	5,124
1926	Dry	5,296	4,147	3,387	3,106	1,710	3,766	3,705	6,354	10,841	11,821	8,331	4,684
1927	Wet	4,257	2,801	3,499	3,871	24,039	3,146	9,428	8,633	10,971	11,585	9,453	14,434
1928	Above Normal	4,666	3,200	3,647	3,737	2,292	10,471	3,232	6,839	12,548	14,420	9,152	8,583
1929	Critical	5,091	5,099	3,035	0	3,115	3,212	5,997	7,063	8,843	10,114	10,858	4,194
1930	Dry	4,803	4,162	2,434	2,991	2,581	2,839	4,561	5,294	8,989	9,465	6,762	3,277
1931	Critical	3,887	3,474	3,251	3,023	3,069	3,017	9,180	7,284	8,708	10,330	7,739	3,144
1932	Dry	3,282	2,836	3,373	2,070	3,382	3,108	5,343	4,378	6,136	7,235	6,272	4,137
1933	Critical	4,134	3,486	3,238	3,373	3,251	3,253	5,045	5,210	6,969	6,822	11,871	5,824
1934	Critical	3,669	3,088	3,286	3,044	3,038	3,175	5,319	6,072	8,023	9,642	5,152	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,026	9,585	9,511	8,992	4,518
1936	Below Normal	4,291	3,968	3,491	2,091	2,816	4,046	4,418	5,933	8,315	11,336	8,095	3,658
1937	Below Normal	4,761	4,375	3,251	3,251	3,252	3,252	2,779	4,700	8,483	9,751	8,185	4,202
1938	Wet	3,627	3,831	16,725	4,241	28,181	32,392	10,694	7,578	9,780	11,693	9,423	10,341
1939	Dry	4,438	6,634	2,736	3,251	3,900	3,137	6,686	7,484	10,439	11,789	8,194	3,770
1940	Above Normal	4,700	4,779	3,334	2,176	26,007	19,297	3,947	6,634	11,024	13,086	9,431	5,247
1941	Wet	4,969	4,891	4,497	22,828	20,463	11,263	11,900	10,937	9,708	9,640	11,329	12,333
1942	Wet	5,437	8,426	9,975	17,061	25,435	4,393	3,700	10,007	9,023	10,449	10,319	12,242
1943	Wet	5,370	9,199	2,984	7,749	7,464	11,264	5,051	7,691	10,394	13,234	9,353	12,084
1944	Dry	4,785	8,326	3,950	3,813	2,773	1,957	6,133	5,264	7,425	9,965	7,472	3,212
1945	Below Normal	4,517	3,951	3,439	2,975	3,608	4,288	4,955	5,733	9,121	11,398	8,510	4,153
1946	Below Normal	5,960	4,544	21,222	6,831	4,260	4,420	6,955	7,884	10,839	11,910	8,944	4,463
1947	Dry	5,237	4,038	3,048	3,733	3,029	2,971	5,758	9,112	9,234	12,589	8,161	5,592
1948	Below Normal	3,865	3,715	3,765	2,771	3,062	3,066	3,612	8,883	9,081	12,659	9,309	5,878
1949	Dry	6,496	4,538	4,001	3,630	4,026	6,333	5,095	6,723	10,636	11,331	8,730	5,083
1950	Below Normal	5,541	4,444	4,078	3,715	3,978	4,394	3,771	6,458	8,856	9,217	7,544	3,180
1951	Above Normal	5,661	8,426	14,336	6,924	14,556	3,724	6,396	5,472	11,565	13,536	8,910	5,583
1952	Wet	4,408	6,542	9,002	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,733
1953	Wet	6,465	7,875	4,404	26,911	3,673	3,659	4,476	8,738	9,575	11,898	8,888	12,150
1954	Above Normal	3,727	8,952	3,058	9,854	16,981	8,256	9,789	7,431	10,487	13,531	9,621	8,813
1955	Dry	4,769	5,238	4,014	2,819	3,670	3,291	5,650	5,037	9,030	11,688	7,234	2,906
1956	Wet	4,428	3,400	26,403	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,468	11,409
1957	Above Normal	5,364	10,670	4,046	3,844	3,371	6,830	5,638	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,883	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,478
1959	Below Normal	6,380	9,613	4,223	4,237	12,726	2,537	6,993	8,187	12,189	12,971	9,490	1,970
1960	Dry	5,587	4,593	4,225	3,246	2,546	3,131	6,607	4,884	13,067	13,074	7,341	4,806
1961	Dry	4,735	3,838	4,655	3,071	9,119	5,610	6,287	7,313	11,104	13,544	9,786	4,850
1962	Below Normal	5,715	5,352	3,605	3,587	13,019	2,754	6,138	7,725	10,322	12,252	8,402	3,800
1963	Wet	7,242	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,802	12,060
1964	Dry	2,885	4,149	3,993	3,494	2,205	3,227	8,827	7,071	8,851	11,672	6,638	3,331
1965	Wet	3,577	3,471	17,697	19,879	4,223	4,503	6,116	6,974	10,258	11,207	7,770	11,025
1966	Below Normal	5,710	6,863	3,599	3,815	3,714	10,048	6,253	8,170	13,165	13,585	8,357	4,962
1967	Wet	5,752	3,439	9,302	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,546	10,468
1968	Below Normal	4,967	6,733	3,631	3,796	12,800	2,707	6,725	7,281	11,333	12,764	7,209	3,892
1969	Wet	4,203	3,416	3,063	21,775	19,852	5,140	11,360	10,987	10,203	10,534	9,290	10,284
1970	Wet	3,551	7,002	11,442	48,536	12,335	3,481	7,062	7,361	9,584	12,955	8,169	11,099
1971	Wet	5,806	4,464	4,807	13,470	3,970	16,508	5,390	8,533	9,420	12,338	8,117	10,003
1972	Below Normal	5,725	8,501	3,637	3,420	2,944	8,854	7,433	6,972	12,542	14,954	7,260	3,231
1973	Above Normal	4,347	4,055	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,699
1974	Wet	3,074	25,269	18,915	34,416	4,622	33,288	5,235	6,237	9,998	8,107	11,429	9,923
1975	Wet	6,039	10,916	2,990	3,106	3,572	24,494	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,793	2,990	708	4,888	3,981	5,323	6,966	9,419	10,296	3,868	1,855
1977	Critical	6,688	5,033	4,445	4,006	6,262	4,277	9,890	5,789	13,041	11,976	5,433	3,811
1978	Above Normal	3,790	3,393	3,252	76	7,461	12,939	5,817	8,913	11,521	11,045	8,875	4,172
1979	Below Normal	6,003	5,754	4,179	4,461	3,398	2,765	3,254	5,360	10,616	11,588	6,332	3,159
1980	Above Normal	4,169	4,706	3,700	17,546	28,377	3,796	4,481	6,838	10,769	10,630	7,836	3,321
1981	Dry	4,370	7,703	3,730	3,212	2,578	2,604	3,568	8,184	14,298	12,709	7,282	3,371
1982	Wet	3,483	7,142	21,138	6,380	22,607	10,942	24,091	4,238	8,355	9,286	8,989	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,612	10,883	13,571	6,351	13,581
1985	Dry	3,105	3,969	5,392	3,242	3,119	3,252	5,922	9,027	10,644	10,268	7,797	4,074
1986	Wet	4,653	5,277	3,529	3,086	39,959	18,882	2,374	7,449	11,036	10,547	8,280	3,483
1987	Dry	3,502	6,478	3,822	3,075	2,838	2,765	7,234	9,133	13,822	11,899	5,964	3,807
1988	Critical	5,573	4,211	2,869	3,617	5,504	3,507	4,888	6,283	11,266	11,663	10,153	3,967
1989	Dry	5,210	2,814	3,446	1,495	3,249	1,953	3,255	9,124	9,258	11,944	7,444	2,273
1990	Critical	2,799	3,334	3,393	2,945	3,178	3,253	7,064	5,001	8,699	12,550	8,810	3,184
1991	Critical	4,066	3,486	3,251	3,251	3,252	2,971	3,254	6,149	8,055	9,431	5,727	3,516
1992	Critical	4,915	5,413	3,251	3,251	2,035	2,337	3,255	9,802	12,785	9,862	10,203	3,276
1993	Above Normal	6,552	3,633	2,984	2,465	2,108	2,238	4,285	6,744	9,615	12,986	7,617	8,940
1994	Critical	5,441	7,324	4,428	3,051	2,909	3,253	7,161	5,773	10,288	12,773	8,093	2,887
1995	Wet	4,756	3,923	3,225	10,392	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	8,319	2,141	3,050	31,708	8,782	4,171	10,888	9,613	10,817	8,095	10,719
1997	Wet	6,873	8,411	23,207	32,560	4,019	4,479	6,496	9,264	10,219	12,280	6,531	11,739
1998	Wet	6,575	7,779	3,008	9,064	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,106	11,924	8,405	10,668
2000	Above Normal	5,677	11,345	3,850	2,178	31,647	6,438	2,878	7,748	11,418	13,556	9,192	7,092
2001	Dry	5,817	8,672	4,178	2,932	2,262	2,292	5,356	8,884	13,286	11,530	5,834	3,638
2002	Dry	5,486	3,420	2,679	8,192	2,981	3,083	6,610	8,527	11,434	10,849	7,417	4,102
2003	Above Normal	6,030	4,739	8,733	13,692	4,151	3,122	8,379	12,870	10,354	14,297	6,804	6,575

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,845	12,618	11,809	10,068	7,610
1923	Below Normal	4,955	6,818	3,282	3,085	2,972	3,231	2,755	9,929	10,116	10,818	8,208	3,432
1924	Critical	4,492	4,467	4,180	1,818	2,922	4,123	7,652	7,674	9,984	9,583	8,085	4,875
1925	Dry	3,569	2,869	2,906	109	1,633	3,001	2,952	5,372	9,083	10,884	9,313	5,127
1926	Dry	5,299	4,149	3,387	3,106	1,710	3,766	3,705	6,356	10,829	11,822	8,323	4,681
1927	Wet	4,259	2,801	3,499	3,871	24,021	3,146	9,428	8,633	10,973	11,585	9,455	14,436
1928	Above Normal	4,668	3,199	3,647	3,737	2,292	10,464	3,232	6,840	12,548	14,422	9,153	8,584
1929	Critical	5,093	5,099	3,034	0	3,115	3,212	5,998	7,064	8,844	10,115	10,858	4,195
1930	Dry	4,805	4,164	2,438	2,991	2,581	2,839	4,562	5,296	8,990	9,461	6,758	3,279
1931	Critical	3,888	3,476	3,251	3,023	3,069	3,017	9,181	7,286	8,712	10,332	7,711	3,144
1932	Dry	3,282	2,836	3,373	2,101	3,382	3,108	5,347	4,380	6,098	7,235	6,318	4,137
1933	Critical	4,139	3,489	3,238	3,373	3,251	3,253	5,070	5,222	6,978	6,838	11,880	5,838
1934	Critical	3,627	3,023	3,323	3,049	3,038	3,175	5,326	6,078	8,035	9,649	5,054	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,032	9,592	9,515	8,997	4,524
1936	Below Normal	4,296	3,974	3,491	2,091	2,816	4,046	4,418	5,938	8,319	11,337	8,099	3,663
1937	Below Normal	4,766	4,381	3,251	3,251	3,252	3,252	2,779	4,703	8,487	9,746	8,188	4,206
1938	Wet	3,627	3,757	16,725	4,241	28,181	32,392	10,694	7,578	9,784	11,697	9,426	10,342
1939	Dry	4,427	6,785	2,937	3,251	3,890	3,137	7,626	7,220	9,866	11,789	8,146	3,457
1940	Above Normal	4,480	4,806	3,334	2,176	26,145	19,297	3,947	6,649	11,048	13,086	9,450	4,376
1941	Wet	4,979	5,137	5,032	22,828	20,463	11,263	11,900	10,937	9,710	9,638	11,329	12,333
1942	Wet	5,494	8,665	9,688	17,061	25,435	4,393	3,700	10,007	9,025	10,451	10,315	12,244
1943	Wet	5,371	9,176	2,984	7,769	7,464	11,264	5,051	7,691	10,388	13,051	9,347	12,201
1944	Dry	4,791	8,224	3,950	3,813	2,773	2,005	6,138	5,269	7,433	9,953	7,512	3,246
1945	Below Normal	4,521	3,951	3,439	2,975	3,608	4,288	4,956	5,731	9,117	11,388	8,505	4,152
1946	Below Normal	5,947	4,616	21,222	6,831	4,260	4,420	6,958	7,887	10,842	11,833	8,899	4,468
1947	Dry	5,283	4,043	3,048	3,734	3,029	2,971	5,761	9,116	9,253	12,592	8,243	5,556
1948	Below Normal	3,863	3,715	3,765	2,771	3,062	3,066	3,613	8,884	9,057	12,655	9,311	5,880
1949	Dry	6,496	4,540	4,001	3,630	4,026	6,331	5,096	6,724	10,637	11,331	8,728	5,100
1950	Below Normal	5,543	4,445	4,079	3,715	3,978	4,394	3,772	6,459	8,857	9,217	7,545	3,180
1951	Above Normal	5,654	8,406	14,336	6,924	14,556	3,705	6,402	5,473	11,567	13,536	8,912	5,585
1952	Wet	4,409	6,544	9,005	7,751	16,976	10,309	17,152	8,894	7,834	9,554	10,720	8,723
1953	Wet	6,469	9,402	2,980	26,866	3,673	3,659	4,470	8,744	9,575	11,903	8,883	12,150
1954	Above Normal	3,676	8,888	3,058	9,968	16,981	8,256	9,789	7,431	10,486	13,531	9,625	8,816
1955	Dry	4,793	5,264	4,014	2,764	3,698	3,291	5,649	5,036	9,030	11,684	7,201	2,903
1956	Wet	4,487	3,404	26,356	28,406	20,332	3,269	3,201	10,773	9,742	9,588	8,466	11,411
1957	Above Normal	5,364	10,672	4,048	3,844	3,371	6,824	5,639	8,666	10,531	13,503	8,834	6,209
1958	Wet	4,882	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,446
1959	Below Normal	6,411	10,795	4,223	3,095	12,726	2,537	7,000	8,196	12,194	12,971	9,492	1,972
1960	Dry	5,611	4,571	4,225	3,246	2,546	3,131	6,603	4,884	13,067	13,072	7,334	4,897
1961	Dry	4,726	3,838	4,563	3,071	9,119	5,610	6,287	7,312	11,104	13,544	9,767	4,847
1962	Below Normal	5,737	5,371	3,605	3,600	12,985	2,754	6,139	7,726	10,323	12,255	8,403	3,801
1963	Wet	7,235	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,899	13,202	8,803	12,060
1964	Dry	2,886	4,143	3,993	3,496	2,205	3,227	8,828	7,073	8,852	11,672	6,639	3,332
1965	Wet	3,577	3,471	17,691	19,879	4,223	4,503	6,116	6,960	10,240	11,206	7,758	11,019
1966	Below Normal	5,710	6,801	3,599	3,815	3,714	10,157	6,253	8,172	13,167	13,585	8,363	4,959
1967	Wet	5,752	3,439	9,294	8,323	6,941	14,391	9,225	13,713	9,420	10,707	10,545	10,650
1968	Below Normal	4,970	8,166	3,681	3,796	11,077	2,707	6,731	7,283	11,335	12,764	7,210	3,893
1969	Wet	4,203	3,416	3,063	21,764	19,852	5,140	11,360	10,987	10,204	10,535	9,290	10,282
1970	Wet	3,619	6,937	11,437	48,536	12,335	3,481	7,063	7,362	9,585	12,955	8,170	11,204
1971	Wet	5,784	4,434	4,754	13,470	3,970	16,508	5,390	8,533	9,420	12,330	8,117	10,005
1972	Below Normal	5,726	8,507	3,637	3,420	2,944	8,854	7,433	6,973	12,543	14,954	7,260	3,233
1973	Above Normal	4,348	4,050	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,238	5,981
1974	Wet	3,084	24,977	18,915	34,416	4,622	33,288	5,235	6,237	9,999	8,106	11,429	9,924
1975	Wet	6,038	10,825	2,990	3,106	3,572	24,581	3,882	9,184	10,836	9,277	9,346	10,507
1976	Critical	6,466	8,816	2,991	708	4,888	3,981	5,323	6,966	9,395	10,282	3,880	1,854
1977	Critical	6,703	5,034	4,447	4,010	6,274	4,277	9,891	5,796	13,046	11,979	5,388	3,811
1978	Above Normal	3,790	3,397	3,252	76	7,457	12,939	5,817	8,913	11,522	11,047	8,876	4,204
1979	Below Normal	6,038	7,936	4,175	4,361	3,298	2,865	3,254	5,126	10,503	10,909	6,208	3,157
1980	Above Normal	4,226	3,748	3,668	17,546	28,377	3,796	4,487	6,843	10,773	10,635	7,840	4,138
1981	Dry	4,420	7,260	3,730	3,212	2,578	2,604	3,567	8,171	14,298	12,837	7,142	3,470
1982	Wet	3,483	6,636	21,138	6,380	22,607	10,942	24,091	4,240	8,356	9,287	8,986	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,613	10,883	13,571	6,352	13,582
1985	Dry	3,106	3,966	5,392	3,242	3,119	3,252	5,923	9,028	10,644	10,268	7,797	4,074
1986	Wet	4,654	5,279	3,529	3,086	39,954	18,882	2,374	7,450	11,037	10,547	8,281	3,483
1987	Dry	3,502	6,599	3,822	3,075	2,838	2,765	7,233	9,127	13,822	11,899	6,107	3,772
1988	Critical	5,496	4,211	2,869	3,617	5,480	3,514	4,897	6,284	11,287	11,662	10,152	3,968
1989	Dry	5,217	2,814	3,446	1,463	3,249	1,953	3,255	9,117	9,248	11,939	7,442	2,273
1990	Critical	2,799	3,336	3,393	2,945	3,178	3,253	7,065	5,002	8,700	12,552	7,959	4,199
1991	Critical	4,130	3,460	3,251	3,251	3,252	2,971	3,254	6,154	8,061	9,448	5,735	3,515
1992	Critical	4,919	5,418	3,251	3,251	2,035	2,337	3,255	9,814	13,262	9,333	10,273	3,240
1993	Above Normal	6,546	3,353	2,984	2,465	2,108	2,338	4,285	6,644	9,615	12,977	7,610	8,935
1994	Critical	5,463	7,301	4,460	3,051	2,909	3,253	7,162	5,796	10,332	12,773	8,083	2,891
1995	Wet	4,770	3,926	3,225	10,305	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	10,237	2,141	3,050	29,729	8,782	4,171	10,888	9,616	10,818	8,097	10,719
1997	Wet	6,734	8,409	23,339	32,560	4,019	4,479	6,498	9,265	10,220	12,229	6,530	11,746
1998	Wet	6,590	7,785	3,008	9,084	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,107	11,919	8,406	10,672
2000	Above Normal	5,685	11,353	3,856	2,178	31,624	6,438	2,878	7,748	11,419	13,556	9,193	7,093
2001	Dry	5,814	8,674	4,202	2,932	2,262	2,292	5,358	8,883	13,282	11,526	5,826	3,639
2002	Dry	5,480	3,420	2,679	8,190	2,981	3,083	6,611	8,528	11,435	10,848	7,418	4,140
2003	Above Normal	6,044	4,740	8,679	13,692	4,151	3,122	8,379	12,870	10,355	14,302	6,805	6,571

Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	1	0	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	0	0	0	0	0	-3	-4	-3	-4	0
1924	Critical	0	0	0	4	0	0	0	9	7	3	-2	10
1925	Dry	8	0	0	-11	0	0	0	3	3	1	2	3
1926	Dry	3	3	0	0	0	0	0	2	-11	1	-8	-2
1927	Wet	2	0	0	0	-18	0	0	0	2	1	2	2
1928	Above Normal	2	-1	0	0	0	-7	0	2	0	2	1	0
1929	Critical	2	-1	-1	0	0	0	2	1	1	1	1	1
1930	Dry	2	3	4	0	0	0	1	1	1	-4	-4	1
1931	Critical	1	3	0	0	0	0	1	1	5	1	-28	0
1932	Dry	0	0	0	31	0	0	4	2	-38	0	46	0
1933	Critical	5	4	0	0	0	0	25	13	9	15	9	14
1934	Critical	-43	-65	37	4	0	0	7	6	12	6	-98	0
1935	Below Normal	0	0	0	0	0	0	0	6	6	4	6	6
1936	Below Normal	5	6	0	0	0	0	0	4	5	1	4	5
1937	Below Normal	4	5	0	0	0	0	0	3	4	-5	3	4
1938	Wet	0	-73	0	0	0	0	0	0	4	4	4	0
1939	Dry	-11	151	201	0	-10	0	939	-264	-573	0	-48	-313
1940	Above Normal	-221	28	0	0	139	0	0	14	23	0	20	-871
1941	Wet	10	246	535	0	0	0	0	0	2	-2	0	0
1942	Wet	56	238	-287	0	0	0	0	0	2	2	-4	1
1943	Wet	1	-22	0	19	0	0	0	0	-6	-183	-5	118
1944	Dry	6	-103	0	0	0	48	5	6	8	-12	40	35
1945	Below Normal	3	0	0	0	0	0	1	-2	-4	-11	-4	-1
1946	Below Normal	-13	72	0	0	0	0	3	3	3	-76	-45	5
1947	Dry	46	5	0	1	0	0	3	4	19	3	83	-36
1948	Below Normal	-2	0	0	0	0	0	1	1	-23	-3	1	2
1949	Dry	0	2	0	0	0	-2	1	1	1	0	-2	18
1950	Below Normal	2	1	1	0	0	0	1	1	1	0	1	1
1951	Above Normal	-6	-20	0	0	0	-19	6	1	2	0	1	3
1952	Wet	1	1	3	0	0	0	0	0	1	-1	0	-10
1953	Wet	4	1,526	-1,424	-46	0	0	-6	6	0	5	-5	0
1954	Above Normal	-51	-64	0	113	0	0	0	0	-1	0	4	3
1955	Dry	24	26	0	-55	28	0	-1	-2	0	-4	-33	-2
1956	Wet	59	4	-46	0	0	0	0	0	1	1	-1	2
1957	Above Normal	0	2	2	0	0	-6	1	-1	1	0	1	0
1958	Wet	-2	0	0	0	0	0	0	0	0	0	0	-32
1959	Below Normal	31	1,182	0	-1,142	0	0	7	9	5	0	2	2
1960	Dry	23	-21	0	0	0	0	-4	0	0	-2	-6	91
1961	Dry	-8	0	-92	0	0	0	0	-1	-1	0	-19	-3
1962	Below Normal	22	19	0	13	-34	0	1	1	1	3	1	1
1963	Wet	-7	0	0	0	0	0	0	0	1	1	1	0
1964	Dry	1	-7	0	2	0	0	1	1	2	1	1	1
1965	Wet	1	0	-5	0	0	0	0	-14	-18	-2	-12	-6
1966	Below Normal	1	-62	0	0	0	109	0	3	2	0	7	-3
1967	Wet	-1	0	-8	0	0	0	0	0	0	1	-1	182
1968	Below Normal	4	1,433	50	0	-1,723	0	5	2	1	0	1	1
1969	Wet	1	0	0	-11	0	0	0	0	1	1	1	-2
1970	Wet	68	-65	-5	0	0	0	1	1	1	0	1	105
1971	Wet	-23	-30	-54	0	0	0	0	0	0	-8	-1	2
1972	Below Normal	1	6	0	0	0	0	1	1	0	0	0	2
1973	Above Normal	0	-5	0	0	0	0	0	0	0	0	0	282
1974	Wet	10	-292	0	0	0	0	0	0	1	-1	0	0
1975	Wet	0	-91	0	0	0	87	0	0	0	0	-1	0
1976	Critical	0	23	1	0	0	0	0	0	-24	-14	12	0
1977	Critical	15	1	1	5	11	0	1	8	5	3	-45	0
1978	Above Normal	0	4	0	0	-4	0	0	0	2	2	1	33
1979	Below Normal	35	2,183	-4	-100	-100	100	0	-234	-113	-679	-124	-2
1980	Above Normal	57	-958	-32	0	0	0	6	5	5	4	3	817
1981	Dry	50	-443	0	0	0	0	-1	-13	0	129	-141	99
1982	Wet	0	-506	0	0	0	0	0	1	1	1	-4	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	1	1	1	0	1	1
1985	Dry	1	-4	0	0	0	0	1	0	0	0	0	1
1986	Wet	0	2	0	0	-5	0	1	1	1	1	1	0
1987	Dry	0	121	0	0	0	0	-1	-6	0	0	143	-35
1988	Critical	-77	0	0	0	-24	7	10	1	22	-1	-1	1
1989	Dry	6	0	0	-32	0	0	0	-7	-10	-5	-1	0
1990	Critical	0	2	0	0	0	0	1	1	1	2	-851	1,015
1991	Critical	64	-26	0	0	0	0	0	4	6	17	8	0
1992	Critical	3	5	0	0	0	0	0	12	477	-529	71	-36
1993	Above Normal	-6	-280	0	0	0	100	0	-100	0	-10	-7	-5
1994	Critical	22	-23	32	0	0	0	1	24	44	0	-10	4
1995	Wet	14	4	0	-87	0	0	0	0	0	0	0	0
1996	Wet	0	1,918	0	0	-1,979	0	0	0	3	2	2	0
1997	Wet	-138	-1	132	0	0	0	1	2	2	-51	-1	6
1998	Wet	15	6	0	20	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	1	-5	1	3
2000	Above Normal	8	8	6	0	-23	0	0	0	1	0	1	0
2001	Dry	-3	2	24	0	0	0	1	-1	-4	-4	-9	1
2002	Dry	-6	0	0	-3	0	0	1	1	1	0	1	38
2003	Above Normal	14	1	-54	0	0	0	0	0	1	4	1	-3

Percent Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	2%	0%	0%	0%	0%	-1%	0%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1934	Critical	-1%	-2%	1%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	2%	7%	0%	0%	0%	14%	-4%	-5%	0%	-1%	-8%
1940	Above Normal	-5%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-17%
1941	Wet	0%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	2%	0%	0%	0%	0%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	19%	-32%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	12%	0%	-27%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1968	Below Normal	0%	21%	1%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	1%	38%	0%	-2%	-3%	4%	0%	-4%	-1%	-6%	-2%	0%
1980	Above Normal	1%	-20%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	25%
1981	Dry	1%	-6%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	3%
1982	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1988	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	32%
1991	Critical	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	4%	-5%	1%	-1%
1993	Above Normal	0%	-8%	0%	0%	0%	4%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	23%	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,540	2,741	3,100	3,238	3,212	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,745	1,798	1,978	1,984	1,935	1,829	1,668	1,240	1,152	1,116
1925	Dry	1,122	1,167	1,233	1,331	1,946	2,213	2,511	2,653	2,504	1,926	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,334	1,716	1,404	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,075	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,335	1,473	1,453	1,441	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,399	2,741	2,891	2,622	2,018	1,663	1,363
1931	Critical	1,309	1,335	1,361	1,494	1,620	1,823	1,725	1,668	1,536	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,263	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,309	1,410	1,497	1,464	1,535	1,594	1,527	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,641	1,639	1,528	1,343	1,210	1,095	1,055
1935	Below Normal	998	1,047	1,110	1,303	1,497	1,768	2,783	3,267	3,247	2,644	2,136	1,802
1936	Below Normal	1,647	1,560	1,519	2,031	2,788	2,954	3,354	3,538	3,538	2,956	2,459	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,768	2,118	2,503	2,845	2,502	1,937	1,440	1,336
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,433	2,530	2,612	2,804	2,755	2,618	2,414	1,787	1,409	1,244
1940	Above Normal	1,199	1,181	1,206	1,672	2,661	2,788	3,238	3,414	3,275	2,659	2,154	1,696
1941	Wet	1,577	1,551	2,063	2,634	2,788	2,918	3,334	3,538	3,538	3,120	2,972	2,411
1942	Wet	2,322	2,363	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,306	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,963	2,497	1,928
1944	Dry	1,801	1,781	1,553	1,624	1,761	1,976	2,106	2,334	2,145	1,551	1,241	1,163
1945	Below Normal	1,114	1,190	1,318	1,480	2,083	2,374	2,619	2,881	2,868	2,296	1,819	1,510
1946	Below Normal	1,405	1,493	2,139	2,541	2,745	3,038	3,364	3,538	3,408	2,824	2,329	2,035
1947	Dry	1,856	1,923	2,013	2,079	2,354	2,682	2,838	2,733	2,559	1,945	1,611	1,250
1948	Below Normal	1,248	1,251	1,252	1,520	1,613	1,809	2,468	2,935	3,099	2,566	2,069	1,889
1949	Dry	1,798	1,783	1,798	1,851	1,932	2,219	2,498	2,678	2,453	1,858	1,583	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,999
1951	Above Normal	2,025	2,594	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,841
1952	Wet	1,745	1,754	2,231	2,675	2,832	2,988	3,452	3,538	3,538	3,538	3,526	3,013
1953	Wet	2,887	2,907	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,706	2,181
1954	Above Normal	2,074	2,159	2,210	2,388	2,756	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,630	1,655	1,748	1,876	1,963	2,101	2,174	2,354	2,245	1,678	1,381	1,305
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,160	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,629	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,375	3,304	2,786
1959	Below Normal	2,657	2,678	2,504	2,829	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,524
1960	Dry	1,408	1,339	1,351	1,478	2,075	2,639	2,801	2,881	2,654	2,063	1,636	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,945	2,289	2,793	2,868	2,837	2,228	1,735	1,377
1963	Wet	2,051	2,178	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,436	2,529	2,635	2,544	1,956	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,723	2,177
1966	Below Normal	2,091	2,207	2,328	2,509	2,599	2,827	3,134	3,217	2,949	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,473	2,916
1968	Below Normal	2,803	2,818	2,764	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,637	1,698	1,921	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,199	2,678
1970	Wet	2,638	2,716	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,575
1971	Wet	1,452	1,656	2,040	2,381	2,649	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,812	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,672	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,968	1,677	1,359
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,536	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,875	2,079	2,394	2,762	2,988	3,273	2,961	2,399	1,993	1,714
1980	Above Normal	1,681	1,738	1,861	2,813	2,788	3,028	3,295	3,493	3,466	3,108	2,900	2,464
1981	Dry	2,301	2,274	2,319	2,466	2,706	2,980	3,145	3,132	2,824	2,186	1,796	1,571
1982	Wet	1,629	2,560	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,029	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,608	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,591	1,914	1,936	1,749	1,422	1,222	1,069	1,002
1988	Critical	1,043	1,155	1,451	1,701	1,743	1,829	1,865	1,840	1,653	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,832	1,603
1990	Critical	1,598	1,616	1,470	1,611	1,695	1,959	1,935	1,957	1,872	1,294	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,310	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,433	1,241	1,102	973
1993	Above Normal	1,017	1,051	1,215	1,755	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,063
1994	Critical	1,962	1,978	2,056	2,095	2,205	2,397	2,368	2,337	2,143	1,582	1,300	1,228
1995	Wet	1,199	1,234	1,337	2,606	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,252
1996	Wet	3,119	3,134	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,201	2,610	2,368	1,809
1998	Wet	1,692	1,762	1,961	2,700	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,325	2,700	2,237	1,804
2001	Dry	1,711	1,707	1,493	1,558	1,657	1,867	1,934	1,863	1,578	1,241	1,130	1,039
2002	Dry	1,014	1,092	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,474	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,539	2,740	3,099	3,237	3,211	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,746	1,799	1,979	1,984	1,935	1,830	1,669	1,240	1,153	1,116
1925	Dry	1,123	1,168	1,233	1,331	1,946	2,214	2,512	2,654	2,505	1,927	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,333	1,715	1,403	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,074	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,334	1,473	1,453	1,440	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,398	2,741	2,890	2,622	2,018	1,662	1,363
1931	Critical	1,308	1,335	1,361	1,494	1,619	1,822	1,724	1,668	1,535	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,262	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,308	1,409	1,497	1,464	1,534	1,593	1,527	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,640	1,639	1,552	1,367	1,234	1,118	1,077
1935	Below Normal	1,018	1,067	1,131	1,323	1,517	1,788	2,803	3,288	3,268	2,664	2,156	1,822
1936	Below Normal	1,678	1,591	1,552	2,064	2,788	2,954	3,354	3,538	3,538	2,956	2,458	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,767	2,118	2,502	2,844	2,497	1,933	1,435	1,331
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,434	2,530	2,612	2,805	2,719	2,583	2,380	1,755	1,377	1,244
1940	Above Normal	1,200	1,183	1,208	1,674	2,663	2,788	3,238	3,414	3,275	2,659	2,154	1,695
1941	Wet	1,576	1,550	2,062	2,633	2,788	2,918	3,334	3,538	3,538	3,119	2,971	2,411
1942	Wet	2,322	2,362	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,305	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,953	2,487	1,918
1944	Dry	1,791	1,771	1,543	1,614	1,751	1,967	2,096	2,325	2,142	1,548	1,241	1,157
1945	Below Normal	1,108	1,183	1,312	1,473	2,076	2,368	2,612	2,874	2,862	2,290	1,812	1,504
1946	Below Normal	1,398	1,486	2,133	2,534	2,738	3,031	3,357	3,538	3,397	2,815	2,317	2,023
1947	Dry	1,850	1,917	2,007	2,073	2,348	2,676	2,832	2,727	2,553	1,939	1,607	1,245
1948	Below Normal	1,248	1,251	1,252	1,520	1,612	1,808	2,467	2,934	3,097	2,565	2,067	1,888
1949	Dry	1,796	1,781	1,797	1,850	1,931	2,217	2,496	2,676	2,452	1,857	1,581	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,998
1951	Above Normal	2,025	2,593	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,839
1952	Wet	1,743	1,751	2,229	2,673	2,832	2,988	3,452	3,538	3,538	3,538	3,527	3,015
1953	Wet	2,890	2,911	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,704	2,178
1954	Above Normal	2,070	2,155	2,187	2,366	2,733	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,634	1,659	1,752	1,880	1,967	2,105	2,178	2,358	2,249	1,681	1,381	1,289
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,159	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,628	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,374	3,304	2,787
1959	Below Normal	2,658	2,679	2,502	2,827	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,518
1960	Dry	1,401	1,333	1,345	1,471	2,068	2,632	2,794	2,874	2,648	2,056	1,629	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,489	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,946	2,289	2,793	2,868	2,838	2,228	1,735	1,378
1963	Wet	2,051	2,179	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,435	2,529	2,635	2,544	1,955	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,724	2,178
1966	Below Normal	2,092	2,207	2,329	2,509	2,599	2,827	3,134	3,217	2,950	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,472	2,913
1968	Below Normal	2,800	2,816	2,756	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,636	1,697	1,920	2,788	2,788	3,027	3,470	3,538	3,538	3,308	3,190	2,669
1970	Wet	2,629	2,707	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,557
1971	Wet	1,434	1,639	2,022	2,363	2,631	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,811	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,673	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,751	2,560	1,967	1,676	1,358
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,537	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,970	2,174	2,489	2,857	3,083	3,369	3,058	2,497	2,091	1,813
1980	Above Normal	1,792	1,850	1,972	2,813	2,788	3,028	3,296	3,494	3,467	3,112	2,906	2,538
1981	Dry	2,376	2,351	2,397	2,544	2,784	3,024	3,190	3,176	2,868	2,234	1,827	1,600
1982	Wet	1,653	2,584	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,028	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,607	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,590	1,914	1,936	1,749	1,419	1,219	1,066	999
1988	Critical	1,040	1,151	1,448	1,698	1,740	1,826	1,861	1,837	1,649	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,725	2,150	1,837	1,615
1990	Critical	1,610	1,627	1,481	1,622	1,706	1,970	1,946	1,968	1,883	1,305	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,309	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,464	1,241	1,103	974
1993	Above Normal	1,018	1,051	1,215	1,756	2,266	2,964	3,456	3,538	3,538	3,003	2,550	2,064
1994	Critical	1,963	1,978	2,053	2,092	2,201	2,393	2,365	2,334	2,140	1,579	1,298	1,226
1995	Wet	1,197	1,232	1,335	2,604	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,251
1996	Wet	3,119	3,133	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,210	2,616	2,374	1,815
1998	Wet	1,698	1,768	1,967	2,706	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,326	2,700	2,237	1,803
2001	Dry	1,711	1,707	1,498	1,564	1,663	1,873	1,940	1,868	1,583	1,241	1,130	1,039
2002	Dry	1,014	1,091	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,477	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	1
1924	Critical	1	1	1	1	1	1	0	1	1	0	1	1
1925	Dry	1	1	1	1	1	1	1	1	1	1	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	-1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	-1	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	-1	0	0	0
1934	Critical	0	0	0	0	0	-1	-1	24	24	24	22	22
1935	Below Normal	20	20	20	20	20	20	20	20	20	20	20	20
1936	Below Normal	31	31	33	33	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	-5	-5	-5	-5
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	1	1	-36	-35	-34	-32	-32	0
1940	Above Normal	1	2	2	2	2	0	0	0	0	0	0	0
1941	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	-10	-10	-10
1944	Dry	-10	-10	-10	-10	-10	-10	-10	-10	-3	-2	0	-6
1945	Below Normal	-6	-6	-6	-6	-6	-6	-6	-6	-6	-7	-7	-7
1946	Below Normal	-7	-7	-7	-7	-7	-7	-7	0	-10	-9	-12	-12
1947	Dry	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4	-5
1948	Below Normal	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1
1949	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1952	Wet	-2	-2	-2	-2	0	0	0	0	0	0	1	2
1953	Wet	3	4	0	0	0	0	0	0	0	0	-2	-3
1954	Above Normal	-4	-4	-22	-23	-23	0	0	0	0	0	0	0
1955	Dry	4	4	4	4	4	4	4	4	3	3	1	-15
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1959	Below Normal	1	1	-2	-2	0	0	0	0	0	0	0	-7
1960	Dry	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	0
1961	Dry	0	0	0	0	0	0	0	0	0	1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
1968	Below Normal	-2	-2	-8	0	0	0	0	0	0	0	0	0
1969	Wet	-1	-1	-1	0	0	0	0	0	0	-13	-9	-9
1970	Wet	-9	-9	0	0	0	0	0	0	0	0	0	-18
1971	Wet	-17	-17	-17	-17	-18	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	0	95	95	95	95	95	95	97	98	98	98
1980	Above Normal	111	111	112	0	0	0	0	1	2	4	6	74
1981	Dry	76	77	78	78	77	44	44	44	44	47	31	29
1982	Wet	24	24	0	0	0	0	0	0	0	0	0	-1
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	-3	-3	-3	-3
1988	Critical	-3	-3	-3	-3	-3	-3	-3	-3	-3	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	5	12
1990	Critical	11	11	11	11	11	11	11	11	11	11	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1992	Critical	0	0	0	0	0	0	0	0	30	0	1	1
1993	Above Normal	1	1	1	1	1	0	0	0	0	0	1	1
1994	Critical	1	1	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2
1995	Wet	-2	-2	-2	-2	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	10	6	6	6
1998	Wet	6	6	6	6	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	6	6	6	6	6	6	6	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	2	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	2%
1935	Below Normal	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
1936	Below Normal	2%	2%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-2%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	-1%
1945	Below Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	5%	5%	4%	3%	3%	3%	3%	4%	5%	6%
1980	Above Normal	7%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1981	Dry	3%	3%	3%	3%	3%	1%	1%	1%	2%	2%	2%	2%
1982	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Oroville Reservoir Release to Feather River (Node C6)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,369	1,613	2,558	3,470	3,733	10,952	9,407	5,047
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,805	4,626	8,233	2,830	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,554	11,053	6,143	6,845
1926	Dry	2,300	1,276	1,766	850	706	1,449	1,510	5,382	8,008	11,660	6,617	3,976
1927	Wet	1,022	1,560	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,288	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,980	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,978	1,659	1,644	1,712	2,169	1,565	4,354	4,800	4,955	3,568	3,065	1,549
1930	Dry	1,243	858	4,434	697	3,795	617	2,226	3,088	7,508	11,426	7,357	6,280
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,319	6,084	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,278	7,166	2,480
1933	Critical	2,408	1,851	850	806	816	4,599	3,603	4,125	5,092	6,324	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,529	887	3,931	4,497	5,189	3,503	3,222	1,690
1935	Below Normal	1,705	841	813	1,398	805	669	1,783	3,427	5,349	11,524	9,902	6,793
1936	Below Normal	3,449	2,530	2,130	1,498	1,799	5,375	2,588	3,334	4,101	11,052	9,659	6,319
1937	Below Normal	4,689	2,649	5,490	1,620	1,524	1,545	2,676	3,614	10,112	10,792	9,733	2,962
1938	Wet	2,375	2,273	1,540	1,513	7,821	19,226	14,276	19,855	11,317	7,059	6,948	11,588
1939	Dry	4,143	2,566	4,873	1,607	1,693	1,587	5,501	5,095	5,652	11,638	7,572	3,886
1940	Above Normal	1,575	1,197	1,137	1,649	1,004	18,870	5,525	3,144	5,913	12,719	10,567	10,129
1941	Wet	3,776	2,495	1,526	1,515	14,683	11,296	4,625	10,666	6,234	10,600	5,281	12,020
1942	Wet	4,146	2,519	5,777	14,192	17,466	2,630	11,198	7,824	9,163	9,200	6,808	11,962
1943	Wet	4,550	2,398	1,529	14,800	7,325	15,925	5,252	3,413	4,833	12,391	10,120	11,950
1944	Dry	4,588	2,735	5,315	2,051	2,017	2,003	3,635	3,641	6,999	11,378	6,787	2,663
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,548	2,972	3,115	4,382	11,412	9,652	6,668
1946	Below Normal	3,342	1,595	1,534	1,524	1,529	1,547	3,243	3,865	5,767	12,098	10,248	6,397
1947	Dry	3,946	1,671	1,531	1,610	1,514	1,538	2,846	4,709	5,708	11,512	7,024	7,332
1948	Below Normal	1,606	1,447	1,357	1,738	1,122	861	1,420	2,625	3,867	11,972	10,168	4,426
1949	Dry	2,473	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,391	6,052	6,857
1950	Below Normal	875	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,448	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,310	9,759
1952	Wet	4,015	2,476	1,535	1,521	10,011	6,936	18,982	22,851	11,669	4,970	3,385	11,192
1953	Wet	4,635	2,550	4,774	20,841	1,520	6,087	6,072	5,485	8,275	12,455	8,150	11,400
1954	Above Normal	4,308	2,473	2,797	2,720	1,522	7,585	7,182	3,408	7,803	12,722	10,116	10,063
1955	Dry	3,683	1,674	1,526	1,540	1,609	1,596	3,524	3,540	5,137	10,918	6,475	2,655
1956	Wet	1,813	1,687	2,173	19,783	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,818	1,594	3,641	3,213	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,665	2,358	1,526	1,509	17,279	11,763	8,509	12,677	9,336	6,922	4,146	11,282
1959	Below Normal	4,706	2,638	6,136	1,460	6,677	2,117	4,228	3,598	6,888	12,375	9,879	5,851
1960	Dry	2,802	2,089	1,148	1,090	967	779	3,948	3,557	6,760	11,425	8,443	7,885
1961	Dry	1,096	1,497	1,582	1,075	962	854	2,977	3,592	5,191	11,323	5,640	1,774
1962	Below Normal	1,432	884	1,392	831	660	587	2,733	5,648	5,381	11,858	9,654	7,341
1963	Wet	1,060	1,019	980	978	15,270	8,109	13,695	5,478	5,944	12,815	9,819	11,346
1964	Dry	3,571	1,625	1,486	1,470	1,494	1,506	4,039	3,314	4,685	11,073	5,854	7,601
1965	Wet	1,904	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,996	7,020	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,462	12,389	10,160	8,176
1967	Wet	3,320	1,587	1,530	1,498	1,517	11,989	2,768	11,876	11,056	4,358	3,915	11,902
1968	Below Normal	4,680	2,444	4,019	1,791	11,573	6,449	3,885	3,639	6,731	12,676	9,396	7,723
1969	Wet	1,947	1,561	1,517	10,266	12,367	6,318	9,203	15,400	6,408	6,389	4,848	11,880
1970	Wet	4,245	2,452	8,959	35,711	10,502	3,980	3,489	3,516	5,132	12,128	9,802	9,808
1971	Wet	4,241	2,614	2,053	2,034	2,017	5,247	6,305	10,580	8,197	11,938	8,963	11,621
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,631	11,629	9,461	7,168
1973	Above Normal	1,693	1,558	1,501	1,498	7,678	5,948	2,899	5,090	6,925	11,338	7,547	8,478
1974	Wet	3,162	1,576	6,850	20,369	5,602	26,162	9,959	8,485	7,265	9,864	3,235	11,261
1975	Wet	4,070	2,397	1,781	1,628	5,595	12,729	2,597	10,973	8,992	10,947	4,172	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,656	3,726	4,096	10,039	5,386	6,806
1977	Critical	2,611	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,307	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,455	6,176	3,614	4,695	10,618	8,787	8,651
1979	Below Normal	4,693	2,450	5,890	1,175	1,063	889	2,473	3,643	8,030	11,377	8,671	6,215
1980	Above Normal	3,111	1,755	1,674	5,045	17,951	5,136	2,882	3,334	3,609	8,168	5,041	9,124
1981	Dry	4,691	2,603	2,900	1,582	1,494	1,486	2,591	3,458	7,289	11,527	7,558	5,641
1982	Wet	1,366	1,067	15,186	8,118	17,776	13,215	20,114	10,722	6,662	6,625	3,901	6,438
1983	Wet	2,902	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,653	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,107	1,248	2,114	1,450	20,968	21,975	2,622	3,539	4,494	11,479	8,745	11,324
1987	Dry	4,752	2,485	5,718	1,650	1,576	1,487	2,791	4,632	6,093	3,577	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,653	4,260	7,513	2,462	2,298
1989	Dry	1,184	1,472	690	658	964	577	2,613	5,210	6,906	10,832	6,859	5,230
1990	Critical	2,577	2,470	4,736	666	662	571	3,740	2,223	3,719	10,503	2,238	2,638
1991	Critical	1,489	685	1,200	872	1,061	1,089	1,678	2,045	4,749	8,887	2,214	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,118	4,202	6,265	4,100	3,382	3,876
1993	Above Normal	1,137	780	738	1,302	668	8,397	4,955	9,632	6,981	12,104	10,093	10,425
1994	Critical	4,324	2,357	2,155	1,067	985	792	3,509	3,042	4,140	10,197	5,634	2,812
1995	Wet	2,127	1,104	1,647	945	7,158	33,839	14,288	20,071	13,364	5,209	4,538	6,539
1996	Wet	4,664	2,456	4,922	12,003	20,967	9,934	7,955	11,925	5,514	11,717	6,573	11,449
1997	Wet	4,176	2,519	13,659	40,731	10,066	5,233	3,511	3,376	4,907	11,436	6,109	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,835	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,149	2,909	3,382	4,233	11,408	5,526	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,770	9,179	2,357	3,695	6,757	12,840	9,846	9,545
2001	Dry	3,941	2,462	6,269	1,585	1,556	1,463	2,773	4,631	6,179	6,847	2,979	2,573
2002	Dry	2,629	1,231	1,654	995	1,077	775	3,309	2,827	4,374	10,778	3,487	5,900
2003	Above Normal	2,325	1,846	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,425	10,266

Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,377	1,613	2,558	3,470	3,733	10,951	9,406	5,033
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,797	4,629	8,245	2,821	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,552	11,053	6,147	6,847
1926	Dry	2,304	1,276	1,766	853	706	1,450	1,510	5,383	8,012	11,660	6,628	3,957
1927	Wet	1,021	1,559	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,289	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,978	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,977	1,660	1,644	1,711	2,170	1,565	4,354	4,801	4,955	3,568	3,066	1,549
1930	Dry	1,243	858	4,434	697	3,796	617	2,226	3,088	7,510	11,426	7,357	6,281
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,321	6,076	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,279	7,167	2,480
1933	Critical	2,410	1,853	850	806	816	4,599	3,603	4,125	5,095	6,315	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,530	894	3,937	4,096	5,188	3,502	3,242	1,697
1935	Below Normal	1,730	845	814	1,398	805	669	1,783	3,427	5,348	11,526	9,905	6,796
1936	Below Normal	3,266	2,528	2,101	1,498	2,371	5,375	2,588	3,334	4,101	11,053	9,660	6,319
1937	Below Normal	4,689	2,649	5,496	1,620	1,524	1,545	2,676	3,614	10,185	10,793	9,734	2,962
1938	Wet	2,296	2,273	1,540	1,511	7,823	19,226	14,276	19,855	11,317	7,060	6,949	11,588
1939	Dry	4,143	2,566	4,868	1,604	1,688	1,579	6,133	5,075	5,637	11,608	7,572	3,347
1940	Above Normal	1,560	1,187	1,133	1,649	1,004	18,899	5,525	3,144	5,913	12,719	10,572	10,132
1941	Wet	3,779	2,495	1,526	1,515	14,670	11,296	4,625	10,666	6,234	10,553	5,283	12,019
1942	Wet	4,145	2,519	5,773	14,192	17,466	2,630	11,198	7,824	9,163	9,201	6,815	11,962
1943	Wet	4,550	2,398	1,529	14,792	7,325	15,925	5,252	3,412	4,834	12,555	10,117	11,948
1944	Dry	4,586	2,735	5,314	2,052	2,018	2,004	3,636	3,641	6,881	11,369	6,750	2,769
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,547	2,972	3,116	4,381	11,418	9,651	6,667
1946	Below Normal	3,348	1,595	1,534	1,523	1,529	1,547	3,243	3,754	5,943	12,073	10,291	6,399
1947	Dry	3,851	1,670	1,531	1,610	1,514	1,538	2,846	4,711	5,709	11,514	6,995	7,351
1948	Below Normal	1,518	1,447	1,357	1,739	1,145	861	1,420	2,625	3,867	11,972	10,169	4,426
1949	Dry	2,477	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,392	6,046	6,836
1950	Below Normal	874	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,447	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,311	9,795
1952	Wet	4,015	2,476	1,535	1,521	9,972	6,936	18,982	22,851	11,669	4,970	3,372	11,175
1953	Wet	4,613	2,535	4,839	20,841	1,525	6,083	6,072	5,485	8,275	12,461	8,172	11,413
1954	Above Normal	4,324	2,485	3,093	2,722	1,524	7,216	7,182	3,408	7,803	12,724	10,118	10,064
1955	Dry	3,617	1,675	1,526	1,540	1,610	1,596	3,524	3,541	5,138	10,920	6,516	2,926
1956	Wet	1,564	1,688	2,174	19,781	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,819	1,594	3,642	3,211	3,123	3,155	4,121	12,568	9,781	8,899
1958	Wet	1,664	2,358	1,526	1,509	17,279	11,763	8,509	12,677	9,336	6,925	4,147	11,269
1959	Below Normal	4,705	2,638	6,176	1,460	6,643	2,117	4,228	3,598	6,891	12,377	9,881	5,953
1960	Dry	2,803	2,090	1,148	1,090	967	779	3,950	3,557	6,760	11,425	8,452	7,762
1961	Dry	1,096	1,497	1,582	1,075	962	855	2,977	3,592	5,191	11,310	5,647	1,774
1962	Below Normal	1,432	884	1,398	825	660	587	2,733	5,649	5,381	11,858	9,655	7,341
1963	Wet	1,060	1,019	980	978	15,275	8,109	13,695	5,478	5,944	12,815	9,819	11,347
1964	Dry	3,572	1,625	1,486	1,470	1,494	1,506	4,040	3,314	4,686	11,074	5,854	7,602
1965	Wet	1,899	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,992	7,021	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,464	12,389	10,161	8,174
1967	Wet	3,321	1,587	1,530	1,498	1,517	11,991	2,768	11,876	11,056	4,358	3,916	11,941
1968	Below Normal	4,680	2,444	4,103	1,667	11,573	6,449	3,885	3,640	6,732	12,676	9,396	7,724
1969	Wet	1,958	1,561	1,517	10,252	12,367	6,318	9,203	15,400	6,408	6,600	4,782	11,880
1970	Wet	4,245	2,452	8,815	35,711	10,502	3,980	3,489	3,516	5,133	12,127	9,801	10,105
1971	Wet	4,239	2,613	2,053	2,035	2,017	4,962	6,305	10,580	8,197	11,938	8,960	11,622
1972	Below Normal	4,497	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,632	11,629	9,461	7,169
1973	Above Normal	1,693	1,558	1,501	1,498	7,677	5,948	2,899	5,090	6,925	11,337	7,547	8,479
1974	Wet	3,170	1,576	6,843	20,369	5,602	26,162	9,959	8,485	7,265	9,865	3,235	11,261
1975	Wet	4,070	2,397	1,779	1,628	5,596	12,729	2,597	10,973	8,992	10,947	4,173	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,657	3,727	4,097	10,052	5,386	6,806
1977	Critical	2,598	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,308	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,454	6,176	3,612	4,696	10,620	8,789	8,653
1979	Below Normal	4,688	2,447	4,348	1,175	1,064	886	2,471	3,641	8,006	11,343	8,668	6,211
1980	Above Normal	2,904	1,752	1,672	6,860	17,951	5,136	2,875	3,326	3,597	8,135	5,007	7,972
1981	Dry	4,667	2,586	2,879	1,586	1,502	2,023	2,595	3,464	7,291	11,461	7,819	5,678
1982	Wet	1,443	1,076	15,573	8,118	17,776	13,215	20,114	10,722	6,662	6,628	3,901	6,444
1983	Wet	2,893	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,654	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,105	1,248	2,115	1,450	20,968	21,973	2,622	3,539	4,494	11,479	8,746	11,324
1987	Dry	4,752	2,485	5,722	1,650	1,576	1,487	2,791	4,631	6,145	3,578	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,654	4,260	7,458	2,461	2,299
1989	Dry	1,185	1,472	690	658	964	576	2,613	5,209	6,906	10,833	6,781	5,113
1990	Critical	2,587	2,470	4,738	666	662	571	3,740	2,223	3,720	10,504	2,414	2,640
1991	Critical	1,490	685	1,200	872	1,058	1,091	1,678	2,045	4,748	8,896	2,203	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,117	4,201	5,754	4,595	3,373	3,875
1993	Above Normal	1,136	779	737	1,302	668	8,409	4,955	9,632	6,981	12,100	10,090	10,424
1994	Critical	4,325	2,357	2,217	1,067	985	792	3,509	3,042	4,140	10,184	5,626	2,812
1995	Wet	2,127	1,104	1,647	945	7,124	33,839	14,288	20,071	13,364	5,209	4,538	6,546
1996	Wet	4,664	2,456	4,915	12,003	20,967	9,934	7,955	11,925	5,514	11,654	6,576	11,449
1997	Wet	4,176	2,519	13,656	40,731	10,066	5,233	3,511	3,376	4,746	11,489	6,110	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,948	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,148	2,909	3,382	4,233	11,406	5,525	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,773	9,179	2,357	3,695	6,757	12,840	9,847	9,545
2001	Dry	3,941	2,462	6,179	1,585	1,556	1,463	2,773	4,632	6,179	6,937	2,979	2,573
2002	Dry	2,629	1,232	1,654	995	1,077	775	3,309	2,827	4,374	10,779	3,448	5,939
2003	Above Normal	2,326	1,845	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,426	10,267

Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	8	0	0	0	0	-1	-1	-14
1924	Critical	0	0	0	0	0	0	0	-7	3	12	-9	0
1925	Dry	0	0	0	0	0	0	0	0	-2	1	4	3
1926	Dry	4	0	0	2	0	1	0	0	4	0	11	-19
1927	Wet	0	0	0	0	0	0	0	0	0	1	0	0
1928	Above Normal	0	0	0	0	0	-1	0	0	0	0	0	0
1929	Critical	-1	1	0	-1	1	0	0	1	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	2	0	0	1
1931	Critical	0	0	0	0	0	0	0	0	1	-8	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	1	1	0
1933	Critical	1	2	0	0	0	0	0	0	2	-9	0	0
1934	Critical	0	0	0	0	1	7	5	-401	-1	-1	20	7
1935	Below Normal	25	4	2	0	0	0	-1	-1	-1	2	3	3
1936	Below Normal	-183	-2	-30	0	572	0	0	0	0	1	1	0
1937	Below Normal	0	0	6	0	0	0	0	0	73	1	1	0
1938	Wet	-80	0	0	-2	2	0	0	0	0	0	1	0
1939	Dry	0	0	-5	-3	-5	-8	632	-20	-15	-29	0	-540
1940	Above Normal	-15	-10	-4	0	0	29	0	0	0	0	5	3
1941	Wet	4	0	0	0	-13	0	0	0	0	-48	2	-1
1942	Wet	0	0	-5	0	0	0	0	0	0	1	7	0
1943	Wet	0	0	0	-7	0	0	0	0	0	164	-2	-1
1944	Dry	-1	0	-1	1	1	1	0	0	-118	-9	-37	107
1945	Below Normal	0	0	0	0	0	-1	0	0	-1	7	-1	-1
1946	Below Normal	6	0	0	0	0	0	0	-112	176	-25	43	2
1947	Dry	-95	0	0	0	0	0	0	2	2	2	-29	18
1948	Below Normal	-88	0	0	0	23	0	0	0	0	0	0	0
1949	Dry	4	0	0	0	0	0	0	0	0	0	-6	-22
1950	Below Normal	0	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-1	0	0	0	0	0	1	0	0	37
1952	Wet	0	0	0	0	-39	0	0	0	0	0	-13	-17
1953	Wet	-22	-15	66	0	4	-4	0	0	0	6	23	14
1954	Above Normal	16	11	296	2	1	-369	0	1	0	1	1	1
1955	Dry	-67	1	1	0	1	1	1	1	1	2	41	271
1956	Wet	-249	1	1	-2	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	-2	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	3	0	-13
1959	Below Normal	0	0	41	0	-34	0	0	0	3	2	2	102
1960	Dry	2	2	0	0	0	0	2	0	0	0	9	-123
1961	Dry	0	0	0	0	0	0	0	0	0	-13	6	0
1962	Below Normal	0	0	6	-6	0	0	0	0	0	0	0	1
1963	Wet	0	0	0	0	5	0	0	0	0	0	0	1
1964	Dry	1	0	0	0	0	0	1	0	0	0	0	1
1965	Wet	-5	0	0	0	0	0	0	0	0	-5	1	0
1966	Below Normal	0	0	0	0	0	0	0	0	1	0	1	-1
1967	Wet	1	0	0	0	0	2	0	0	0	0	2	39
1968	Below Normal	0	0	84	-124	0	0	0	0	1	0	1	0
1969	Wet	11	0	0	-14	0	0	0	0	0	211	-67	0
1970	Wet	0	0	-143	0	0	0	0	-1	1	-1	-1	297
1971	Wet	-2	-1	0	0	0	-285	0	0	0	0	-3	1
1972	Below Normal	1	1	0	0	0	0	0	0	0	0	0	1
1973	Above Normal	0	0	0	0	-1	0	0	0	0	-1	0	1
1974	Wet	8	0	-8	0	0	0	0	0	0	2	0	0
1975	Wet	0	0	-2	0	1	0	0	0	0	0	1	0
1976	Critical	0	0	0	0	0	0	0	0	0	12	-1	0
1977	Critical	-13	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	-1	0	-1	2	2	3	2
1979	Below Normal	-4	-3	-1,542	0	0	-2	-1	-2	-23	-34	-3	-4
1980	Above Normal	-207	-4	-2	1,815	0	0	-6	-8	-12	-33	-34	-1,152
1981	Dry	-24	-17	-21	4	8	537	4	6	3	-67	261	37
1982	Wet	77	9	387	0	0	0	0	0	0	3	0	6
1983	Wet	-9	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	2	0	0	-1	0	0	0	0	0	0
1987	Dry	0	0	4	0	0	0	0	-1	52	0	0	0
1988	Critical	0	0	0	0	0	0	0	1	1	-55	0	0
1989	Dry	0	0	0	0	0	0	0	-1	-1	1	-77	-118
1990	Critical	10	0	3	0	0	0	0	0	1	1	176	2
1991	Critical	0	0	0	0	-3	2	0	0	-1	9	-11	0
1992	Critical	0	0	0	0	0	0	0	-1	-511	495	-9	-1
1993	Above Normal	-1	0	0	0	0	11	0	0	0	-4	-4	-1
1994	Critical	0	0	62	0	0	0	0	0	0	-13	-9	0
1995	Wet	0	0	0	0	-34	0	0	0	0	0	0	7
1996	Wet	0	0	-7	0	0	0	0	0	0	-63	3	0
1997	Wet	0	0	-3	0	0	0	0	0	-162	52	1	1
1998	Wet	0	0	0	0	113	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	-2	-1	0
2000	Above Normal	0	0	1	0	4	0	0	0	0	0	1	1
2001	Dry	-1	0	-90	0	0	0	0	0	0	90	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	-39	40
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	1%	0%	-9%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-5%	0%	-1%	0%	32%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	11%	0%	0%	0%	0%	-14%
1940	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1947	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-5%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	11%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%
1956	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	2%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-1%	0%
1970	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1971	Wet	0%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	0%	0%	36%	0%	0%	0%	0%	0%	0%	-1%	-13%
1981	Dry	-1%	-1%	-1%	0%	1%	36%	0%	0%	0%	-1%	3%	1%
1982	Wet	6%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-8%	12%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	758	648
1924	Critical	541	478	409	351	358	347	342	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	541
1926	Dry	525	488	452	411	575	649	800	789	612	474	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	481	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	303	265	291	344	406	465	464	404	340	304
1930	Dry	285	267	407	489	557	670	770	792	675	480	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	507	315	279	243
1934	Critical	259	236	339	447	544	666	606	466	243	194	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	673	661	598	419	360	361
1940	Above Normal	343	317	304	575	562	634	800	975	972	743	674	462
1941	Wet	428	350	531	575	574	669	800	975	975	950	800	590
1942	Wet	575	494	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	782	767	557
1944	Dry	497	400	349	320	383	510	570	676	600	488	435	395
1945	Below Normal	363	432	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	556	575	575	571	563	659	800	975	975	751	669	645
1947	Dry	547	562	559	512	575	672	764	792	655	500	424	380
1948	Below Normal	386	376	345	416	416	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	644	522	559	574	566	634	800	975	975	907	800	650
1954	Above Normal	599	538	520	548	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	526	603	739	733	615	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	644
1959	Below Normal	621	509	444	498	575	666	756	786	736	440	389	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	539
1961	Dry	487	453	417	355	372	439	508	585	587	379	320	312
1962	Below Normal	292	285	311	327	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	440
1965	Wet	402	414	388	384	408	564	800	975	975	798	797	592
1966	Below Normal	508	516	507	529	536	651	800	855	798	502	468	465
1967	Wet	417	440	575	570	555	646	800	975	975	950	800	623
1968	Below Normal	619	547	538	566	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	383
1971	Wet	350	468	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	563
1974	Wet	562	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	499	480	479	575	673	800	975	975	924	800	632
1976	Critical	672	530	494	440	416	445	463	493	473	437	415	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	600	546	495	566	575	668	800	975	824	680	651	641
1980	Above Normal	600	575	575	460	427	628	800	975	975	950	800	589
1981	Dry	570	475	432	434	441	594	688	720	656	452	406	402
1982	Wet	388	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	445	384	346	381	502	560	552	457	305	253	268
1988	Critical	256	257	331	438	446	476	532	540	476	403	349	334
1989	Dry	317	388	439	471	521	653	800	823	620	463	424	418
1990	Critical	422	407	364	375	396	501	571	587	545	447	395	378
1991	Critical	314	263	205	144	104	298	432	559	571	474	313	248
1992	Critical	255	256	261	251	423	570	604	543	434	115	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	630
1994	Critical	600	498	460	397	401	435	482	526	523	436	383	339
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	510	575	562	478	628	800	975	975	863	800	608
1997	Wet	534	484	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	465	410	571	563	667	800	975	930	660	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	484	408	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	540
2003	Above Normal	479	463	566	568	554	636	800	975	975	739	714	586

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 2 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	759	648
1924	Critical	542	478	409	352	359	348	343	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	540
1926	Dry	525	488	452	411	575	649	800	789	612	473	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	480	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	302	264	291	344	406	465	464	404	340	303
1930	Dry	285	267	407	489	557	670	770	792	675	479	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	508	316	280	243
1934	Critical	256	232	335	443	540	663	603	463	240	191	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	542	496	458	448	575	646	639	580	402	353	354
1940	Above Normal	339	316	306	575	562	634	800	975	972	743	674	463
1941	Wet	428	351	533	575	574	669	800	975	975	950	800	590
1942	Wet	574	489	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	786	771	561
1944	Dry	514	403	350	323	386	513	573	678	595	487	434	395
1945	Below Normal	363	433	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	558	575	575	571	563	659	800	975	975	751	669	633
1947	Dry	535	550	547	500	566	672	764	792	656	500	424	380
1948	Below Normal	386	376	345	416	417	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	525
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	645	500	536	574	566	634	800	975	975	907	800	650
1954	Above Normal	600	540	522	550	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	525	603	739	733	614	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	645
1959	Below Normal	621	491	427	480	575	666	756	786	736	440	388	402
1960	Dry	350	299	252	254	512	664	750	794	761	654	568	537
1961	Dry	485	452	415	353	370	437	506	583	585	377	317	310
1962	Below Normal	290	284	311	328	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	439
1965	Wet	402	414	388	384	408	564	800	975	975	799	798	593
1966	Below Normal	509	518	509	530	537	653	800	855	797	501	468	464
1967	Wet	416	440	575	570	555	646	800	975	975	950	800	621
1968	Below Normal	616	523	517	545	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	382
1971	Wet	350	467	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	558
1974	Wet	557	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	501	482	480	575	673	800	975	975	924	800	632
1976	Critical	672	529	494	439	416	445	463	492	473	437	414	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	599	512	461	533	575	668	800	975	823	656	628	618
1980	Above Normal	579	573	575	460	427	628	800	975	975	950	800	587
1981	Dry	569	468	426	427	434	587	682	714	650	448	403	399
1982	Wet	385	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	444	384	346	381	502	560	552	460	305	254	268
1988	Critical	256	258	332	439	445	475	531	539	475	402	348	334
1989	Dry	316	388	439	471	522	653	800	823	619	462	423	417
1990	Critical	421	406	363	374	395	501	570	586	545	446	398	381
1991	Critical	316	264	204	143	102	296	428	554	566	470	307	243
1992	Critical	249	251	256	246	418	564	598	538	427	108	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	631
1994	Critical	600	498	461	397	401	435	482	526	523	435	382	338
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	483	565	562	478	628	800	975	975	862	800	607
1997	Wet	537	486	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	464	410	571	563	667	800	975	930	659	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	483	409	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	539
2003	Above Normal	478	462	565	568	554	636	800	975	975	739	714	586

Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 2 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	-1	-1	0	0	0	0	1	0
1924	Critical	1	1	1	1	1	1	1	1	1	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	1	1	1
1934	Critical	-3	-4	-4	-4	-4	-3	-3	-3	-3	-3	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	-2	-2	-2	-2	-2	-27	-22	-18	-17	-7	-7
1940	Above Normal	-4	-1	2	0	0	0	0	0	0	0	0	0
1941	Wet	0	1	1	0	0	0	0	0	0	0	0	0
1942	Wet	-1	-4	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	4	4	4
1944	Dry	17	3	1	3	3	3	3	2	-5	-2	-1	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-12
1947	Dry	-12	-12	-12	-12	-9	0	0	0	1	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	1	-23	-23	0	0	0	0	0	0	0	0	0
1954	Above Normal	1	2	2	2	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	-18	-18	-18	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1961	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
1962	Below Normal	-1	0	0	1	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	1	1	1
1966	Below Normal	1	2	2	2	2	2	0	0	0	-1	-1	-1
1967	Wet	-1	0	0	0	0	0	0	0	0	0	0	-3
1968	Below Normal	-3	-24	-21	-21	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	-1
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-5
1974	Wet	-5	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	1	1	1	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-1
1979	Below Normal	-1	-34	-34	-34	0	0	0	0	-1	-24	-23	-23
1980	Above Normal	-21	-2	0	0	0	0	0	0	0	0	0	-1
1981	Dry	-1	-7	-7	-7	-7	-7	-6	-6	-5	-5	-3	-3
1982	Wet	-3	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	3	0	0	1
1988	Critical	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
1989	Dry	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1990	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3
1991	Critical	2	1	0	-1	-2	-3	-4	-4	-4	-4	-6	-6
1992	Critical	-6	-6	-6	-5	-5	-5	-5	-5	-7	-7	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	-27	-10	0	0	0	0	0	0	0	0	0
1997	Wet	3	2	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	1	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-1	-1	-1	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-2%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-4%	-2%	-2%
1940	Above Normal	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1944	Dry	3%	1%	0%	1%	1%	1%	0%	0%	-1%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-4%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-6%	-7%	-6%	0%	0%	0%	0%	0%	-3%	-4%	-4%
1980	Above Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1991	Critical	1%	0%	0%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1992	Critical	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-6%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-5%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Folsom Reservoir Release to American River (Node C8)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,758	5,476	4,489	4,572	1,901	2,936	4,395	2,794	5,109	2,011	3,480
1924	Critical	3,004	1,984	2,046	1,746	1,495	848	863	869	625	634	628	581
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,760	5,110	3,866	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,506	848	3,413	1,593	3,389	2,692	1,876	907
1927	Wet	1,555	1,604	1,615	3,521	13,407	4,518	7,605	4,583	5,234	4,780	2,151	3,460
1928	Above Normal	2,031	4,674	2,050	1,798	1,790	11,904	4,703	1,827	2,901	5,104	2,463	2,251
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,388	1,657	1,668	1,662	1,582
1930	Dry	1,050	1,083	1,111	1,067	1,072	2,615	1,814	1,822	3,156	3,990	1,980	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	905	821	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,373	3,256	3,982
1933	Critical	2,152	2,685	2,041	1,739	1,489	1,488	1,738	1,510	3,634	3,959	1,794	1,606
1934	Critical	850	1,513	832	821	822	573	2,597	3,064	4,195	887	1,687	750
1935	Below Normal	971	928	839	860	895	1,775	5,709	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,805	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,824
1938	Wet	1,560	2,066	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,981
1939	Dry	1,569	2,307	2,052	1,750	1,495	845	870	1,447	1,572	2,980	1,105	886
1940	Above Normal	1,426	1,423	1,411	2,850	10,515	10,581	6,085	3,025	1,858	5,120	2,594	5,102
1941	Wet	1,785	2,761	1,871	4,992	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,610	3,065	4,284	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,998
1943	Wet	1,660	4,969	3,282	10,773	7,288	11,930	5,137	2,416	2,913	5,107	1,862	5,103
1944	Dry	2,219	2,764	2,014	1,789	1,478	1,463	1,508	1,520	2,883	3,004	2,437	1,726
1945	Below Normal	1,558	1,638	1,665	1,668	7,698	2,034	2,128	3,352	2,574	5,113	2,597	2,906
1946	Below Normal	2,673	2,894	8,793	5,116	2,592	3,044	3,445	3,499	1,880	5,120	2,804	1,969
1947	Dry	2,866	1,989	2,050	1,751	1,544	2,426	1,185	1,196	3,255	3,059	2,113	1,687
1948	Below Normal	1,558	1,582	1,581	1,350	1,156	1,781	1,790	3,277	4,941	3,497	2,671	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,871	3,424	2,257
1950	Below Normal	1,568	1,988	2,050	1,791	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,842	15,858	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,154
1952	Wet	1,569	2,628	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,452
1953	Wet	1,605	3,645	2,047	6,883	2,333	1,801	2,509	2,703	6,179	4,109	3,546	4,118
1954	Above Normal	2,098	3,053	2,052	1,748	2,925	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,979	1,494	1,509	1,519	1,841	2,969	2,609	1,620
1956	Wet	1,560	1,971	16,306	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,357	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,264
1959	Below Normal	1,571	3,270	2,052	1,745	1,870	866	878	886	1,534	5,114	1,020	894
1960	Dry	1,556	1,638	1,688	1,442	1,256	3,029	2,062	1,564	1,564	2,138	2,515	1,707
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	923	930	949	3,300	949	939
1962	Below Normal	1,019	1,051	1,078	853	2,504	2,004	3,770	1,910	1,857	5,120	3,082	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,579	1,863	3,513
1964	Dry	2,339	4,336	2,050	2,487	1,802	1,752	1,768	1,776	1,840	3,511	2,502	1,689
1965	Wet	1,559	1,738	20,139	12,972	5,358	1,797	5,473	3,602	3,521	5,108	1,861	5,102
1966	Below Normal	2,735	2,149	2,043	1,789	1,791	862	1,479	890	1,276	5,046	1,193	904
1967	Wet	1,570	1,762	2,608	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,805
1968	Below Normal	1,571	3,310	2,100	1,743	6,726	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,751	5,068	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,018	3,954
1971	Wet	1,531	1,679	4,339	4,731	3,437	3,980	2,359	3,478	4,884	3,816	2,947	4,420
1972	Below Normal	1,570	3,240	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,764	9,256	7,075	3,446	2,221	4,158	3,261	4,789	1,862	3,115
1974	Wet	1,568	6,541	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,486	2,050	1,748	2,505	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,474	2,052	1,752	1,501	850	861	868	927	1,105	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,557	4,188	3,677	4,108	4,884	1,863	3,781
1979	Below Normal	1,583	2,336	2,051	1,732	3,414	3,421	1,812	4,181	4,018	3,620	1,846	1,621
1980	Above Normal	2,102	2,301	2,297	17,656	13,166	3,701	2,888	2,837	3,107	2,833	4,132	5,077
1981	Dry	1,571	3,029	2,050	1,784	1,800	826	877	887	1,393	3,385	1,126	899
1982	Wet	1,566	4,746	13,884	7,885	15,728	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,170	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,055	2,413	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,880
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,105	1,798	2,417	855	802
1988	Critical	856	931	859	812	1,170	966	611	779	1,236	1,141	803	769
1989	Dry	924	917	902	906	833	8,941	4,316	3,467	4,826	3,316	2,025	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,039	1,650	1,204
1991	Critical	1,535	1,492	1,519	1,298	1,104	1,049	1,171	1,143	1,977	2,915	3,366	1,575
1992	Critical	854	851	835	834	819	444	1,352	1,519	1,696	5,062	594	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,791	2,654	3,982
1994	Critical	1,856	3,208	2,051	1,752	1,503	1,093	1,110	1,115	1,667	1,832	1,180	1,159
1995	Wet	1,312	1,341	1,357	10,300	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	2,784	2,303	5,527	13,720	6,453	4,730	8,092	3,157	3,773	2,500	4,883
1997	Wet	2,614	3,746	12,865	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,514
1998	Wet	1,440	1,451	1,422	4,887	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,134	2,258	4,992
2000	Above Normal	1,820	3,252	2,052	2,149	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,633	2,360	2,050	1,744	1,467	837	855	879	1,373	2,234	1,263	887
2002	Dry	1,223	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,891	2,654	1,709
2003	Above Normal	1,644	1,988	2,016	3,387	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,590

Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,759	5,475	4,489	4,584	1,901	2,926	4,396	2,795	5,108	2,001	3,493
1924	Critical	2,992	1,984	2,046	1,746	1,495	848	863	869	628	638	631	585
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,762	5,109	3,870	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,500	848	3,413	1,593	3,397	2,691	1,874	907
1927	Wet	1,555	1,603	1,614	3,520	13,407	4,518	7,605	4,583	5,234	4,781	2,151	3,460
1928	Above Normal	2,031	4,675	2,050	1,798	1,790	11,902	4,703	1,827	2,902	5,104	2,464	2,252
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,387	1,657	1,668	1,662	1,582
1930	Dry	1,049	1,083	1,110	1,066	1,072	2,616	1,814	1,822	3,154	3,993	1,979	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	906	820	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,372	3,258	3,982
1933	Critical	2,151	2,683	2,041	1,739	1,489	1,488	1,738	1,510	3,632	3,956	1,794	1,606
1934	Critical	906	1,527	832	821	822	569	2,595	3,064	4,192	887	1,639	750
1935	Below Normal	971	928	839	860	895	1,775	5,710	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,804	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,822
1938	Wet	1,560	2,067	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,983
1939	Dry	1,569	2,342	2,052	1,750	1,495	844	1,301	1,359	1,520	2,969	944	886
1940	Above Normal	1,379	1,376	1,364	2,877	10,516	10,581	6,085	3,025	1,858	5,120	2,588	5,102
1941	Wet	1,787	2,740	1,872	5,014	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,626	3,123	4,213	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,999
1943	Wet	1,660	4,963	3,287	10,773	7,288	11,930	5,137	2,416	2,913	5,037	1,862	5,103
1944	Dry	2,012	3,004	2,042	1,761	1,478	1,463	1,508	1,521	3,002	2,956	2,415	1,710
1945	Below Normal	1,558	1,640	1,668	1,671	7,695	2,034	2,129	3,353	2,575	5,112	2,599	2,907
1946	Below Normal	2,654	2,915	8,793	5,117	2,592	3,044	3,445	3,499	1,880	5,120	2,804	2,165
1947	Dry	2,866	1,989	2,050	1,751	1,497	2,281	1,188	1,199	3,241	3,061	2,127	1,682
1948	Below Normal	1,558	1,581	1,580	1,349	1,155	1,781	1,790	3,278	4,941	3,496	2,673	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,872	3,423	2,262
1950	Below Normal	1,568	1,988	2,050	1,786	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,849	15,851	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,152
1952	Wet	1,569	2,629	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,449
1953	Wet	1,593	4,040	2,047	6,516	2,333	1,801	2,511	2,703	6,179	4,110	3,544	4,118
1954	Above Normal	2,084	3,039	2,052	1,748	2,956	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,982	1,494	1,509	1,519	1,841	2,973	2,599	1,620
1956	Wet	1,560	1,972	16,308	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,358	2,051	1,752	1,572	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,600	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,256
1959	Below Normal	1,571	3,573	2,052	1,745	1,554	866	878	886	1,535	5,114	1,016	895
1960	Dry	1,550	1,642	1,686	1,440	1,255	3,027	2,067	1,564	1,564	2,140	2,512	1,733
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	924	931	949	3,307	949	940
1962	Below Normal	1,005	1,037	1,063	841	2,526	2,004	3,770	1,909	1,857	5,120	3,081	2,003
1963	Wet	3,449	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,580	1,863	3,513
1964	Dry	2,339	4,335	2,050	2,488	1,802	1,752	1,768	1,776	1,840	3,512	2,503	1,690
1965	Wet	1,559	1,738	20,137	12,972	5,358	1,797	5,473	3,602	3,521	5,095	1,861	5,102
1966	Below Normal	2,733	2,135	2,043	1,789	1,791	862	1,507	890	1,277	5,059	1,190	904
1967	Wet	1,570	1,759	2,600	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,851
1968	Below Normal	1,571	3,670	2,050	1,743	6,362	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,753	5,067	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,017	3,966
1971	Wet	1,528	1,680	4,332	4,731	3,437	3,980	2,359	3,478	4,884	3,813	2,949	4,418
1972	Below Normal	1,570	3,242	2,038	1,942	3,084	4,145	1,820	1,829	1,854	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,763	9,256	7,075	3,446	2,221	4,158	3,261	4,785	1,862	3,200
1974	Wet	1,568	6,461	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,463	2,050	1,748	2,529	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,479	2,052	1,752	1,501	850	861	868	926	1,102	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,558	4,188	3,677	4,108	4,883	1,863	3,791
1979	Below Normal	1,595	2,879	2,051	1,732	2,811	3,421	1,814	4,183	4,035	3,992	1,846	1,621
1980	Above Normal	2,075	1,980	2,268	17,657	13,167	3,701	2,888	2,837	3,107	2,833	4,132	5,102
1981	Dry	1,571	3,116	2,050	1,784	1,800	826	876	886	1,385	3,379	1,111	898
1982	Wet	1,565	4,696	13,885	7,886	15,730	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,171	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,056	2,414	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,881
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,109	1,742	2,463	855	802
1988	Critical	856	931	859	812	1,194	970	611	778	1,237	1,138	803	769
1989	Dry	918	912	896	901	833	8,949	4,316	3,473	4,835	3,317	2,022	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,037	1,592	1,204
1991	Critical	1,550	1,509	1,538	1,314	1,118	1,063	1,185	1,157	1,977	2,901	3,401	1,575
1992	Critical	854	851	835	834	819	444	1,353	1,506	1,732	5,062	552	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,788	2,650	3,983
1994	Critical	1,861	3,203	2,051	1,752	1,503	1,094	1,111	1,116	1,675	1,843	1,175	1,160
1995	Wet	1,309	1,338	1,354	10,302	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	3,231	2,040	5,358	13,720	6,453	4,730	8,092	3,157	3,775	2,499	4,885
1997	Wet	2,569	3,750	12,905	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,510
1998	Wet	1,444	1,450	1,424	4,886	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,133	2,259	4,992
2000	Above Normal	1,822	3,254	2,052	2,145	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,632	2,360	2,050	1,744	1,467	837	855	879	1,379	2,232	1,250	887
2002	Dry	1,232	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,892	2,654	1,734
2003	Above Normal	1,633	1,988	2,016	3,373	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,591

Change in Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	1	-1	0	12	0	-10	1	1	0	-10	13
1924	Critical	-12	0	0	0	0	0	0	0	3	3	3	3
1925	Dry	0	0	0	0	0	0	0	0	2	0	4	0
1926	Dry	0	0	0	0	-6	0	0	0	8	-1	-2	0
1927	Wet	0	-1	-1	0	0	0	0	0	0	1	0	0
1928	Above Normal	0	2	0	0	0	-2	0	0	1	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	1	0	0	-2	3	-1	0
1931	Critical	0	0	0	0	0	0	0	0	0	1	-1	0
1932	Dry	0	0	0	0	0	0	0	0	0	-2	2	0
1933	Critical	-1	-2	0	0	0	0	0	0	-2	-4	0	0
1934	Critical	56	14	0	0	0	-4	-2	0	-4	0	-48	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	-1	0	0	0	1	0	0	0	0	0	0	-1
1938	Wet	0	1	0	0	0	0	0	0	0	0	0	3
1939	Dry	0	35	0	0	0	-1	431	-89	-52	-11	-161	-1
1940	Above Normal	-46	-46	-46	27	1	0	0	0	0	0	-5	0
1941	Wet	2	-21	2	22	0	0	0	0	0	0	0	0
1942	Wet	16	58	-72	0	0	0	0	0	0	0	0	0
1943	Wet	0	-6	5	0	0	0	0	0	0	-69	0	0
1944	Dry	-207	240	28	-28	0	0	0	0	119	-48	-22	-16
1945	Below Normal	0	2	3	3	-3	0	1	1	1	0	1	1
1946	Below Normal	-19	21	0	0	0	0	0	0	0	0	0	195
1947	Dry	0	0	0	0	-47	-145	3	3	-15	2	14	-5
1948	Below Normal	0	-1	-1	-1	-1	0	0	1	0	-1	1	0
1949	Dry	0	0	0	0	0	0	0	0	0	1	-1	5
1950	Below Normal	0	0	0	-5	0	0	0	0	0	0	0	0
1951	Above Normal	7	-7	0	0	0	0	0	0	0	0	0	-2
1952	Wet	0	1	1	0	0	0	0	0	0	0	0	-2
1953	Wet	-11	394	0	-367	0	-1	2	0	0	2	-2	0
1954	Above Normal	-15	-14	0	0	31	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	3	0	0	0	0	4	-9	0
1956	Wet	0	1	2	0	0	0	0	0	0	0	0	1
1957	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	1
1958	Wet	0	0	0	-1	0	0	0	0	0	0	0	-8
1959	Below Normal	0	303	0	0	-316	0	0	0	1	0	-4	0
1960	Dry	-5	5	-2	-2	-1	-2	4	1	0	2	-3	26
1961	Dry	0	0	0	0	0	1	1	1	0	7	1	1
1962	Below Normal	-14	-14	-14	-12	22	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	-1	0	1	0	0	0	0	0	0	0	1
1965	Wet	0	0	-1	0	0	0	0	0	0	-12	0	0
1966	Below Normal	-2	-14	0	0	0	0	28	0	1	13	-3	0
1967	Wet	0	-3	-8	0	0	0	0	0	0	0	0	46
1968	Below Normal	0	359	-50	0	-364	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	2	-2	0	0	-1	0	0	0	0	-1	12
1971	Wet	-3	0	-7	0	0	0	0	0	0	-3	3	-2
1972	Below Normal	0	2	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	-1	0	0	0	0	0	0	-4	0	85
1974	Wet	0	-80	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-23	0	0	24	0	0	0	0	0	0	0
1976	Critical	0	6	0	0	0	0	0	0	-1	-2	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	2	0	0	0	-1	0	10
1979	Below Normal	11	543	0	0	-603	0	2	2	17	372	-1	-1
1980	Above Normal	-27	-321	-30	1	1	0	0	0	0	0	0	25
1981	Dry	0	87	0	0	0	0	-1	-1	-8	-7	-15	-1
1982	Wet	-1	-50	1	1	2	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1987	Dry	0	0	0	0	0	0	0	4	-56	46	0	0
1988	Critical	0	0	0	0	24	4	0	-1	1	-3	0	0
1989	Dry	-5	-5	-5	-5	0	8	0	6	8	1	-3	0
1990	Critical	0	0	0	0	0	0	0	0	0	-1	-58	0
1991	Critical	15	18	19	16	14	14	14	14	1	-14	35	0
1992	Critical	0	0	0	0	0	0	1	-13	36	0	-42	0
1993	Above Normal	0	0	0	1	0	0	0	0	0	-4	-3	1
1994	Critical	6	-5	0	0	0	1	1	1	7	10	-5	1
1995	Wet	-3	-3	-3	2	0	0	0	0	0	0	0	0
1996	Wet	0	447	-263	-169	0	0	0	0	0	2	-2	2
1997	Wet	-46	4	40	0	0	0	0	0	0	0	0	-4
1998	Wet	4	-1	2	-1	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	-2	2	0
2000	Above Normal	2	2	0	-4	0	0	0	0	0	0	0	0
2001	Dry	-1	0	0	0	0	0	0	0	6	-2	-13	0
2002	Dry	9	0	0	0	0	0	0	0	0	1	0	25
2003	Above Normal	-11	0	0	-14	0	0	0	0	0	0	0	1

Percent Change in Simulated Folsom Reservoir Release to American River (Node C8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	7%	1%	0%	0%	0%	-1%	0%	0%	0%	0%	-3%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	2%	0%	0%	0%	0%	49%	-6%	-3%	0%	-15%	0%
1940	Above Normal	-3%	-3%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1944	Dry	-9%	9%	1%	-2%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	0%	0%	0%	-3%	-6%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	11%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	-1%	-1%	-1%	1%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-2%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	23%	0%	0%	-18%	0%	0%	0%	0%	10%	0%	0%
1980	Above Normal	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%	-7%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	16%	-11%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,880	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,536	25,913	25,575	17,422	11,194	20,752	15,101	11,982	20,351	15,142	14,230
1924	Critical	10,422	9,176	9,216	12,428	15,161	8,997	7,810	6,668	7,683	12,577	7,738	6,431
1925	Dry	7,273	7,813	12,925	12,191	48,839	17,122	23,765	13,614	11,833	19,542	14,145	13,688
1926	Dry	9,103	9,030	9,506	17,703	36,119	12,364	21,579	10,500	13,790	18,693	11,316	11,039
1927	Wet	7,965	22,101	18,695	31,512	73,846	41,515	42,702	24,048	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,664	14,926	23,969	21,355	65,896	24,474	10,349	15,836	24,707	17,128	21,888
1929	Critical	11,319	13,333	11,864	12,734	16,195	12,012	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,954	20,102	17,817	30,594	12,527	10,415	13,279	17,396	11,653	12,372
1931	Critical	7,939	7,871	8,123	13,795	11,672	8,401	9,591	7,188	7,637	11,444	7,628	6,371
1932	Dry	6,475	6,781	19,504	20,459	15,199	12,297	9,418	12,474	15,325	12,593	13,134	10,292
1933	Critical	8,136	7,934	9,788	14,534	12,441	14,056	9,261	8,209	10,645	11,449	10,556	7,776
1934	Critical	6,319	6,547	14,507	17,988	14,976	11,480	10,970	9,588	10,855	8,538	9,130	6,493
1935	Below Normal	6,285	11,417	10,184	26,759	13,372	26,067	41,176	18,646	15,268	19,389	14,834	14,554
1936	Below Normal	11,279	9,853	11,220	37,521	57,105	33,124	20,903	13,106	14,138	19,884	14,415	14,337
1937	Below Normal	11,647	9,187	14,268	13,670	33,311	36,110	20,872	13,641	16,845	18,946	14,346	10,788
1938	Wet	9,595	25,042	58,741	29,176	69,836	72,336	54,550	52,682	34,311	15,320	15,408	28,581
1939	Dry	12,561	13,791	14,697	10,781	11,943	9,604	8,167	9,987	9,703	19,823	12,385	11,368
1940	Above Normal	8,138	7,999	9,408	26,673	53,374	67,583	54,439	14,804	12,662	23,354	16,524	21,560
1941	Wet	10,866	13,530	32,945	62,007	65,241	61,062	49,948	38,463	15,713	17,594	15,373	30,470
1942	Wet	12,392	17,463	40,477	56,868	68,793	22,219	41,928	31,782	24,530	16,718	15,492	30,142
1943	Wet	12,698	19,217	18,654	58,781	47,831	57,405	25,207	15,143	12,158	23,379	15,966	29,530
1944	Dry	12,360	15,810	14,879	15,313	24,567	19,253	9,375	8,947	12,221	18,469	12,720	8,688
1945	Below Normal	7,959	14,719	16,826	13,193	43,522	21,226	11,687	12,020	11,485	19,921	16,091	14,272
1946	Below Normal	12,794	14,071	50,328	45,221	16,578	16,555	13,928	13,098	11,647	21,136	16,842	13,892
1947	Dry	12,171	10,722	14,992	11,605	17,778	20,137	12,468	9,457	13,301	19,994	13,469	15,205
1948	Below Normal	10,278	11,110	9,660	14,993	10,327	16,248	23,465	27,653	20,615	20,979	17,391	15,438
1949	Dry	10,977	10,129	13,736	11,250	12,966	39,926	12,724	12,264	12,640	20,155	14,845	16,022
1950	Below Normal	8,353	9,538	10,016	19,572	34,224	20,169	18,686	14,436	13,666	20,810	16,354	14,953
1951	Above Normal	13,167	45,220	74,839	55,303	59,040	27,907	14,162	16,376	12,736	23,877	17,053	22,256
1952	Wet	12,232	17,625	35,728	58,621	58,578	52,947	53,597	58,672	35,877	17,632	15,882	27,810
1953	Wet	14,277	16,780	31,980	63,667	23,447	20,938	16,475	22,959	24,612	22,618	16,997	29,980
1954	Above Normal	11,760	19,503	12,034	24,520	45,175	44,583	38,863	12,144	14,414	24,388	17,213	23,074
1955	Dry	11,670	17,054	22,509	18,642	12,892	10,482	10,861	11,122	10,105	19,718	12,742	9,820
1956	Wet	9,092	11,359	50,267	75,204	59,531	34,081	18,165	39,033	20,347	17,510	15,575	30,366
1957	Above Normal	13,371	18,754	15,089	13,587	16,620	39,447	11,814	18,360	11,418	24,531	17,369	22,171
1958	Wet	15,391	16,903	22,774	36,851	69,408	68,228	67,602	41,752	29,552	17,395	16,628	27,503
1959	Below Normal	14,601	17,218	15,423	22,176	41,393	15,553	10,026	10,243	13,585	23,825	17,474	14,225
1960	Dry	9,886	9,090	9,070	13,300	27,057	19,069	11,975	10,980	13,606	19,856	14,558	15,342
1961	Dry	8,365	13,157	18,468	13,206	33,752	17,854	10,400	10,431	11,242	20,702	12,391	10,776
1962	Below Normal	8,169	10,246	16,683	10,606	44,161	21,895	12,997	13,347	11,618	23,013	17,543	14,919
1963	Wet	33,355	16,012	27,929	16,237	61,331	25,256	64,574	26,078	14,538	24,246	16,762	30,344
1964	Dry	12,615	22,115	12,797	22,627	13,062	10,792	9,862	10,721	10,746	19,849	12,140	13,908
1965	Wet	8,339	15,660	44,967	70,922	32,660	19,871	40,451	17,396	14,940	21,422	14,864	29,395
1966	Below Normal	12,897	21,099	13,417	24,845	22,807	20,211	13,695	10,403	12,617	23,040	17,157	15,482
1967	Wet	10,819	15,448	34,796	36,722	46,502	46,500	34,695	42,784	37,846	14,305	15,065	29,558
1968	Below Normal	13,407	15,525	15,410	23,313	50,204	32,235	10,390	11,166	12,589	23,907	16,534	14,202
1969	Wet	10,117	12,122	22,200	64,506	69,185	42,969	39,774	44,977	22,171	13,668	13,971	29,346
1970	Wet	12,251	15,184	41,445	77,161	62,430	33,547	10,867	12,666	12,948	24,905	16,775	27,450
1971	Wet	13,443	20,073	46,603	46,297	22,275	38,159	22,549	27,488	20,937	22,404	17,260	29,762
1972	Below Normal	13,757	16,322	15,659	15,999	16,546	28,014	11,585	10,956	12,707	23,865	17,007	15,359
1973	Above Normal	10,703	19,412	25,345	57,679	64,106	46,919	14,932	16,535	15,813	22,507	15,508	20,491
1974	Wet	11,473	48,136	58,854	72,471	39,318	68,092	56,233	20,456	19,260	19,965	16,709	29,453
1975	Wet	14,091	18,877	14,844	13,517	48,121	59,021	20,153	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,478	18,974	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,973	9,446	11,214
1977	Critical	9,622	7,888	8,152	9,699	10,992	8,062	8,540	5,524	8,178	8,797	9,958	5,994
1978	Above Normal	6,051	6,462	15,587	48,322	44,089	54,911	34,109	17,802	15,473	19,978	16,258	21,336
1979	Below Normal	12,475	13,755	14,901	21,623	29,370	24,738	13,660	14,102	14,804	20,851	15,920	13,017
1980	Above Normal	12,403	14,794	20,114	67,141	67,504	43,304	16,814	13,909	12,481	16,035	15,242	20,302
1981	Dry	11,235	14,277	15,432	20,906	24,476	20,006	12,999	9,435	13,616	20,092	15,548	12,190
1982	Wet	9,707	33,565	68,597	59,043	66,880	61,267	72,159	31,322	20,576	14,702	13,246	23,678
1983	Wet	18,184	36,221	57,783	57,411	74,202	81,646	57,031	54,067	51,096	22,909	20,022	25,581
1984	Wet	18,451	54,755	76,377	47,269	33,679	33,969	13,085	11,872	13,920	23,828	16,065	26,847
1985	Dry	11,534	25,136	21,405	13,888	15,040	13,073	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,148	22,421	77,014	70,806	18,193	12,247	12,485	21,064	15,456	23,855
1987	Dry	11,490	12,500	14,721	13,805	19,565	22,861	9,274	10,701	13,502	13,241	8,509	8,575
1988	Critical	7,753	7,725	18,032	25,417	13,668	7,491	11,162	9,310	10,829	15,127	10,025	6,502
1989	Dry	6,471	9,881	10,274	12,398	9,012	45,573	21,515	13,745	13,855	19,927	12,856	14,347
1990	Critical	10,114	9,013	12,037	18,886	13,698	12,010	11,157	7,830	8,133	17,887	10,101	6,799
1991	Critical	6,210	6,318	7,378	7,622	9,393	29,181	11,752	7,077	9,689	16,611	9,058	6,636
1992	Critical	6,534	6,620	7,014	10,738	28,450	18,644	11,102	9,196	13,703	11,940	10,367	6,995
1993	Above Normal	7,809	6,569	13,607	46,739	48,114	38,911	37,578	28,043	25,549	19,714	16,527	22,968
1994	Critical	12,975	14,401	15,027	13,089	21,930	11,362	11,967	9,393	8,384	19,574	13,703	10,021
1995	Wet	7,639	8,198	15,686	63,249	49,155	77,551	50,480	58,340	37,625	16,828	17,466	23,888
1996	Wet	14,953	12,817	23,544	42,647	72,227	57,366	33,119	40,964	14,995	21,763	15,848	31,448
1997	Wet	11,802	17,566	50,230	78,291	51,916	22,186	16,270	12,060	12,771	24,526	16,166	29,129
1998	Wet	12,003	17,653	18,887	27,523	68,069	60,623	45,543	43,094	61,226	22,770	19,758	26,148
1999	Wet	16,186	26,912	34,940	38,606	60,761	54,741	23,001	18,333	16,640	22,031	16,118	26,209
2000	Above Normal	11,421	18,400	14,453	21,529	62,004	48,472	18,097	15,790	12,380	22,360	16,955	22,306
2001	Dry	9,571	14,044	14,523	16,600	23,951	22,220	11,431	9,145	13,467	17,421	9,250	9,447
2002	Dry	7,364	10,129	28,722	43,394	18,184	19,209	16,012	11,896	10,765	20,240	13,619	14,023
2003	Above Normal	7,944	9,607	36,481	56,414	25,080	22,349	24,564	40,510	14,680	23,892	17,293	22,985

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 2 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,879	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,540	25,911	25,574	17,442	11,194	20,744	15,102	11,983	20,351	15,131	14,230
1924	Critical	10,410	9,176	9,216	12,428	15,160	8,997	7,810	6,661	7,683	12,579	7,738	6,432
1925	Dry	7,273	7,804	12,920	12,187	48,838	17,119	23,762	13,614	11,834	19,541	14,154	13,691
1926	Dry	9,106	9,033	9,503	17,701	36,111	12,363	21,576	10,500	13,789	18,693	11,314	11,016
1927	Wet	7,965	22,096	18,691	31,509	73,843	41,513	42,700	24,046	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,662	14,924	23,967	21,353	65,890	24,472	10,348	15,835	24,706	17,127	21,887
1929	Critical	11,319	13,330	11,861	12,733	16,193	12,010	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,951	20,100	17,815	30,593	12,527	10,415	13,279	17,394	11,652	12,373
1931	Critical	7,939	7,871	8,121	13,793	11,671	8,400	9,591	7,188	7,637	11,434	7,627	6,371
1932	Dry	6,474	6,773	19,496	20,453	15,195	12,322	9,418	12,474	15,325	12,593	13,137	10,292
1933	Critical	8,136	7,934	9,783	14,530	12,437	14,052	9,261	8,209	10,645	11,436	10,550	7,776
1934	Critical	6,319	6,547	14,493	17,977	14,966	11,474	10,973	9,185	10,849	8,531	8,993	6,519
1935	Below Normal	6,305	11,410	10,177	26,752	13,364	26,060	41,171	18,645	15,268	19,391	14,838	14,558
1936	Below Normal	11,097	9,853	11,214	37,503	57,648	33,115	20,898	13,106	14,138	19,882	14,416	14,337
1937	Below Normal	11,646	9,186	14,269	13,666	33,307	36,105	20,867	13,641	16,918	18,938	14,346	10,787
1938	Wet	9,511	24,964	58,739	29,169	69,836	72,336	54,548	52,678	34,311	15,320	15,409	28,581
1939	Dry	12,547	13,973	14,856	10,767	11,934	9,607	8,773	9,990	9,723	19,852	12,203	10,694
1940	Above Normal	8,138	7,986	9,351	26,697	53,474	67,585	54,435	14,804	12,661	23,328	16,523	21,680
1941	Wet	10,871	13,753	33,438	62,027	65,239	61,062	49,948	38,462	15,713	17,594	15,373	30,467
1942	Wet	12,461	17,751	40,401	56,869	68,793	22,218	41,926	31,780	24,530	16,719	15,493	30,142
1943	Wet	12,697	19,189	18,659	58,776	47,830	57,404	25,207	15,146	12,158	23,393	15,965	29,646
1944	Dry	12,152	15,945	14,880	15,308	24,564	19,251	9,375	8,947	12,221	18,391	12,799	8,699
1945	Below Normal	7,959	14,719	16,826	13,193	43,517	21,224	11,687	12,022	11,485	19,922	16,092	14,272
1946	Below Normal	12,767	14,164	50,327	45,224	16,578	16,554	13,927	12,986	11,823	21,029	16,886	14,090
1947	Dry	12,117	10,722	14,991	11,604	17,729	19,991	12,472	9,461	13,301	19,994	13,533	15,198
1948	Below Normal	10,189	11,108	9,657	14,991	10,348	16,246	23,464	27,653	20,590	20,975	17,392	15,438
1949	Dry	10,979	10,091	13,734	11,248	12,965	39,924	12,724	12,264	12,639	20,155	14,835	16,022
1950	Below Normal	8,353	9,538	10,016	19,566	34,222	20,168	18,686	14,436	13,666	20,809	16,354	14,953
1951	Above Normal	13,167	45,193	74,839	55,302	59,039	27,906	14,162	16,376	12,736	23,876	17,053	22,292
1952	Wet	12,233	17,626	35,731	58,621	58,561	52,951	53,596	58,675	35,886	17,642	15,882	27,791
1953	Wet	14,256	18,691	30,627	63,326	23,457	20,935	16,475	22,961	24,605	22,624	17,002	29,985
1954	Above Normal	11,703	19,433	12,329	24,631	45,205	44,305	38,863	12,140	14,408	24,383	17,213	23,074
1955	Dry	11,624	17,079	22,507	18,642	12,923	10,481	10,861	11,122	10,107	19,720	12,739	10,089
1956	Wet	8,899	11,359	50,256	75,204	59,530	34,080	18,164	39,032	20,347	17,511	15,575	30,365
1957	Above Normal	13,371	18,754	15,090	13,586	16,618	39,439	11,814	18,358	11,418	24,531	17,369	22,171
1958	Wet	15,388	16,902	22,772	36,849	69,408	68,228	67,601	41,751	29,551	17,397	16,627	27,449
1959	Below Normal	14,632	18,699	15,423	22,183	41,083	15,544	10,027	10,243	13,585	23,819	17,474	14,327
1960	Dry	9,908	9,067	9,068	13,296	27,054	19,066	11,977	10,980	13,606	19,856	14,556	15,335
1961	Dry	8,351	13,158	18,375	13,208	33,750	17,853	10,400	10,431	11,242	20,702	12,375	10,775
1962	Below Normal	8,176	10,246	16,666	10,606	44,170	21,894	12,997	13,347	11,618	23,015	17,543	14,919
1963	Wet	33,351	16,011	27,928	16,236	61,333	25,255	64,574	26,077	14,539	24,246	16,762	30,344
1964	Dry	12,615	22,107	12,797	22,627	13,061	10,791	9,863	10,721	10,746	19,849	12,142	13,911
1965	Wet	8,333	15,658	44,965	70,922	32,659	19,871	40,456	17,396	14,940	21,423	14,865	29,398
1966	Below Normal	12,898	21,022	13,418	24,843	22,806	20,319	13,716	10,402	12,617	23,048	17,157	15,475
1967	Wet	10,819	15,442	34,778	36,721	46,501	46,500	34,694	42,783	37,845	14,305	15,065	29,824
1968	Below Normal	13,403	17,318	15,410	23,222	48,911	32,267	10,390	11,166	12,590	23,904	16,535	14,202
1969	Wet	10,129	12,119	22,199	64,500	69,184	42,968	39,773	44,976	22,171	14,204	14,472	29,341
1970	Wet	12,319	15,114	41,369	77,161	62,430	33,545	10,867	12,666	12,950	24,903	16,774	27,864
1971	Wet	13,439	20,042	46,543	46,298	22,274	37,934	22,550	27,488	20,936	22,393	17,259	29,762
1972	Below Normal	13,758	16,331	15,658	15,998	16,546	28,013	11,585	10,955	12,707	23,866	17,007	15,362
1973	Above Normal	10,702	19,407	25,344	57,679	64,105	46,919	14,931	16,535	15,813	22,501	15,508	20,859
1974	Wet	11,474	47,974	58,854	72,471	39,317	68,092	56,233	20,455	19,260	19,966	16,708	29,453
1975	Wet	14,090	18,762	14,844	13,515	48,145	59,044	20,151	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,477	19,002	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,956	9,461	11,212
1977	Critical	9,624	7,887	8,151	9,702	10,987	8,062	8,540	5,522	8,176	8,796	9,910	5,994
1978	Above Normal	6,051	6,462	15,584	48,321	44,085	54,912	34,107	17,800	15,476	19,982	16,263	21,381
1979	Below Normal	12,516	16,475	13,316	21,682	28,796	24,755	13,705	14,103	14,800	20,635	15,910	13,016
1980	Above Normal	11,826	13,531	20,150	67,684	67,500	43,296	16,812	13,906	12,479	16,014	15,222	20,002
1981	Dry	11,226	14,178	15,432	20,906	24,480	20,535	12,997	9,438	13,626	20,102	15,714	12,329
1982	Wet	9,771	33,216	68,705	59,042	66,881	61,267	72,159	31,322	20,576	14,705	13,246	23,678
1983	Wet	18,174	36,220	57,783	57,411	74,202	81,646	57,030	54,066	51,095	22,908	20,021	25,580
1984	Wet	18,450	54,756	76,377	47,268	33,678	33,966	13,084	11,872	13,920	23,827	16,065	26,847
1985	Dry	11,534	25,132	21,404	13,887	15,039	13,072	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,147	22,420	77,014	70,806	18,192	12,247	12,485	21,064	15,457	23,855
1987	Dry	11,490	12,620	14,717	13,808	19,566	22,861	9,276	10,701	13,502	13,292	8,655	8,567
1988	Critical	7,753	7,725	18,031	25,416	13,668	7,491	11,162	9,310	10,830	15,067	10,023	6,502
1989	Dry	6,471	9,874	10,267	12,392	9,011	45,580	21,515	13,744	13,855	19,926	12,775	14,229
1990	Critical	10,124	9,012	12,039	18,885	13,697	12,010	11,158	7,830	8,133	17,888	9,367	7,867
1991	Critical	6,210	6,319	7,402	7,639	9,407	29,194	11,765	7,090	9,689	16,619	9,082	6,630
1992	Critical	6,534	6,620	7,009	10,734	28,447	18,641	11,101	9,196	13,702	11,883	10,358	6,968
1993	Above Normal	7,798	6,569	13,604	46,739	48,112	38,918	37,583	27,951	25,568	19,714	16,527	22,968
1994	Critical	12,974	14,371	15,120	13,083	21,928	11,360	11,968	9,394	8,386	19,573	13,673	10,023
1995	Wet	7,647	8,195	15,680	63,233	49,141	77,552	50,477	58,339	37,623	16,669	17,473	23,889
1996	Wet	14,949	15,178	23,168	42,509	71,994	57,379	33,112	40,961	14,995	21,765	15,849	31,448
1997	Wet	11,617	17,575	50,306	78,291	51,915	22,184	16,270	12,060	12,610	24,526	16,166	29,129
1998	Wet	12,017	17,636	18,887	27,527	68,082	60,623	45,541	43,093	61,226	22,769	19,756	26,147
1999	Wet	16,185	26,910	34,938	38,605	60,760	54,740	23,000	18,331	16,642	22,020	16,118	26,210
2000	Above Normal	11,430	18,407	14,459	21,524	62,001	48,471	18,095	15,789	12,380	22,358	16,955	22,307
2001	Dry	9,566	14,043	14,454	16,597	23,949	22,218	11,431	9,145	13,467	17,504	9,227	9,448
2002	Dry	7,364	10,126	28,721	43,392	18,182	19,208	16,012	11,896	10,764	20,240	13,566	14,124
2003	Above Normal	7,944	9,606	36,450	56,400	25,079	22,347	24,563	40,509	14,680	23,894	17,293	22,982

Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 2 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	-2	0	20	0	-8	1	1	0	-11	0
1924	Critical	-12	0	0	0	-1	0	0	-7	0	2	0	2
1925	Dry	0	-9	-5	-4	-1	-3	-3	0	0	-1	8	2
1926	Dry	3	3	-3	-2	-8	-1	-2	0	0	0	-2	-23
1927	Wet	0	-4	-4	-3	-2	-2	-2	-2	0	0	0	0
1928	Above Normal	0	-2	-2	-2	-3	-6	-2	0	0	-1	0	0
1929	Critical	0	-2	-2	-2	-2	-2	0	0	0	0	0	0
1930	Dry	0	0	-3	-3	-2	-1	0	0	0	-2	-1	1
1931	Critical	0	0	-2	-2	-2	-1	0	0	0	-9	-1	0
1932	Dry	0	-8	-7	-6	-4	25	0	0	0	-1	3	0
1933	Critical	0	0	-5	-4	-4	-3	0	0	0	-13	-6	0
1934	Critical	0	0	-14	-11	-10	-6	3	-403	-6	-7	-137	27
1935	Below Normal	20	-7	-7	-7	-7	-7	-5	-1	0	1	4	4
1936	Below Normal	-182	0	-6	-19	543	-8	-5	0	0	-3	1	0
1937	Below Normal	-1	0	1	-5	-4	-4	-4	0	73	-8	1	-1
1938	Wet	-84	-77	-2	-6	0	0	-2	-4	0	0	1	-1
1939	Dry	-15	182	158	-14	-9	3	606	3	20	29	-181	-674
1940	Above Normal	0	-12	-56	24	100	2	-5	-1	0	-26	-1	119
1941	Wet	5	223	493	19	-2	0	0	-2	0	0	0	-3
1942	Wet	69	289	-76	1	0	-1	-2	-2	0	0	0	-1
1943	Wet	-1	-28	5	-5	-1	-1	0	3	1	14	-1	116
1944	Dry	-208	135	0	-4	-3	-2	0	0	0	-78	79	11
1945	Below Normal	0	0	0	0	-5	-2	1	1	0	1	1	0
1946	Below Normal	-27	92	-2	3	-1	-1	0	-112	177	-106	44	197
1947	Dry	-54	0	-1	0	-49	-146	4	5	0	0	64	-8
1948	Below Normal	-88	-1	-2	-2	21	-2	0	1	-25	-4	1	0
1949	Dry	2	-38	-1	-1	-1	-2	0	0	0	0	-11	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	-1	0	0
1951	Above Normal	0	-26	0	-1	-1	-1	0	0	0	-2	0	36
1952	Wet	0	1	3	-1	-17	3	0	4	9	10	-1	-19
1953	Wet	-22	1,911	-1,353	-341	10	-3	0	2	-7	6	5	5
1954	Above Normal	-57	-71	295	111	30	-277	1	-3	-7	-5	0	0
1955	Dry	-45	24	-1	0	31	-1	0	0	2	3	-2	269
1956	Wet	-194	0	-11	0	0	-1	-1	-1	0	0	0	0
1957	Above Normal	0	0	1	-2	-2	-8	0	-2	0	0	0	0
1958	Wet	-3	-2	-2	-2	0	0	0	-1	-1	2	-1	-54
1959	Below Normal	31	1,481	0	7	-310	-9	0	0	0	-6	0	102
1960	Dry	22	-24	-2	-4	-3	-3	2	1	0	0	-1	-7
1961	Dry	-14	1	-93	3	-3	-1	0	0	0	0	-15	-1
1962	Below Normal	7	0	-17	0	9	-1	0	0	0	2	0	0
1963	Wet	-4	-1	-1	-1	1	-1	0	-1	0	0	0	0
1964	Dry	0	-8	0	0	-1	-1	1	0	0	0	2	2
1965	Wet	-5	-2	-2	0	-1	0	5	0	0	1	1	2
1966	Below Normal	1	-77	1	-2	-1	108	21	0	0	8	0	-7
1967	Wet	0	-7	-18	-1	-1	0	-1	-1	-1	0	0	266
1968	Below Normal	-3	1,793	0	-91	-1,293	32	0	0	0	-3	0	0
1969	Wet	11	-3	-2	-6	0	-1	-1	-1	0	536	500	-5
1970	Wet	68	-70	-76	0	0	-1	0	0	2	-2	-1	414
1971	Wet	-4	-31	-60	1	-1	-225	1	0	-1	-11	-1	0
1972	Below Normal	0	8	-1	0	0	0	0	0	0	0	0	3
1973	Above Normal	0	-5	-1	0	0	0	0	0	0	-6	0	367
1974	Wet	0	-162	0	0	-1	0	0	-1	0	1	-1	0
1975	Wet	-1	-115	0	-2	24	23	-2	0	0	0	0	0
1976	Critical	-1	28	0	0	0	0	0	0	0	-16	15	-2
1977	Critical	1	-1	-1	3	-5	0	0	-2	-1	-1	-48	0
1978	Above Normal	0	0	-3	-1	-4	1	-1	-2	3	3	5	45
1979	Below Normal	41	2,720	-1,584	59	-575	17	45	1	-3	-216	-10	-1
1980	Above Normal	-577	-1,263	36	543	-4	-8	-2	-3	-2	-20	-20	-300
1981	Dry	-9	-99	0	0	4	529	-2	2	10	10	166	139
1982	Wet	64	-349	108	-1	1	-1	0	0	0	3	0	0
1983	Wet	-10	-1	0	0	0	0	-1	-1	-1	-1	-1	-1
1984	Wet	-1	0	0	0	-1	-2	-1	0	0	-1	0	0
1985	Dry	0	-4	-1	-1	-1	-1	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	0	0	-1	0	0	0	0	0
1987	Dry	0	120	-4	3	1	0	2	0	0	51	146	-9
1988	Critical	0	0	0	0	0	0	0	0	1	-59	-2	1
1989	Dry	0	-7	-7	-7	-1	7	0	-1	0	-1	-81	-118
1990	Critical	10	-1	1	-1	-1	-1	0	0	1	1	-734	1,067
1991	Critical	0	0	24	17	14	13	13	13	0	8	24	-6
1992	Critical	0	0	-5	-3	-3	-3	0	0	-1	-57	-9	-26
1993	Above Normal	-10	0	-3	-1	-2	8	5	-92	20	0	0	0
1994	Critical	0	-30	93	-5	-2	-1	0	0	1	-1	-30	2
1995	Wet	8	-3	-5	-15	-14	0	-2	-1	-2	-159	7	1
1996	Wet	-4	2,361	-377	-137	-233	13	-7	-3	0	1	1	0
1997	Wet	-186	9	76	0	-1	-2	0	0	-162	0	0	0
1998	Wet	14	-17	0	4	13	0	-2	-1	-1	-1	-1	-1
1999	Wet	-1	-2	-2	-1	0	-1	-2	-1	3	-11	0	2
2000	Above Normal	8	7	5	-5	-3	0	-1	-1	0	-2	1	0
2001	Dry	-5	-2	-70	-3	-1	-1	0	0	0	83	-23	1
2002	Dry	0	-2	-2	-3	-2	-1	0	0	0	0	-53	101
2003	Above Normal	0	0	-31	-14	-1	-1	-1	-1	0	2	0	-3

Percent Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	1%	1%	0%	0%	0%	7%	0%	0%	0%	-1%	-6%
1940	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1941	Wet	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	-1%	2%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1956	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	12%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%
1970	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	20%	-11%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%
1980	Above Normal	-5%	-9%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1981	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	16%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	18%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

X2 Position (Node X2_PRV)
Future No Action (km)
SAC

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	85	75	71	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	81	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	91	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	50	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	91	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	70	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	56	69	84	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	51	58	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	52	50	53	60	69	78	84	81
1979	Below Normal	81	81	83	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	85	79	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	87	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	90	92
1991	Critical	93	94	93	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	62	74	74
1996	Wet	74	75	69	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	61	70	70
1999	Wet	74	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

X2 Position (Node X2_PRV)
Alternative 2 (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	87	77	72	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	80	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	92	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	51	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	90	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	71	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	57	70	85	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	52	59	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	53	50	53	61	69	78	84	81
1979	Below Normal	81	81	84	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	87	81	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	88	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	89	91
1991	Critical	93	94	92	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	63	75	74
1996	Wet	74	75	70	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	62	71	70
1999	Wet	73	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

Change in X2 Position (Node X2_PRV)
Alternative 2 - Future No Action (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	3	2	0	0	0	0	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	0	0	1	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	1	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	1	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	1	1	0	0	0
1979	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Above Normal	0	3	2	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	n/a

Percent Change in X2 Position (Node X2_PRV)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1968	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1979	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	n/a

CalSim II Modeling Attachment: Alternative Plan 3, Future Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,266	790	1,165	350	350	350	350	467	350	432	420
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	120
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	810
1936	Above Normal	1,127	2,963	350	350	350	350	350	350	467	350	350	1,283
1937	Wet	2,546	4,653	1,732	1,436	350	350	350	350	467	396	525	2,309
1938	Wet	4,163	8,000	7,726	5,073	1,223	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	1,878
1941	Wet	1,237	3,249	2,919	2,000	350	350	350	350	467	350	423	510
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	1,095	653
1943	Wet	2,804	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	1,997
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	419	516	364
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	351
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	3,217	1,240	745
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	415
1952	Wet	2,409	4,585	3,270	3,518	350	350	350	350	467	350	387	367
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	2,209	4,271	743
1956	Wet	1,062	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	4,451	3,187	2,810	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	437
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	521	899
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	415	375
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	497
1967	Wet	1,016	4,571	2,952	3,259	3,869	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	1,982	3,696
1969	Wet	3,944	8,307	8,193	7,441	1,758	350	350	350	467	350	436	362
1970	Above Normal	1,044	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	829	350	350	350	350	467	350	1,111	411
1974	Wet	1,069	3,249	605	813	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	2,422
1978	Wet	2,396	4,687	4,483	4,671	1,726	350	350	350	467	350	432	385
1979	Above Normal	1,218	2,908	350	350	350	350	350	350	467	350	2,557	3,692
1980	Wet	2,014	3,249	2,207	2,472	413	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	653
1982	Wet	1,085	5,642	4,746	3,119	350	350	350	1,317	1,640	3,444	3,668	3,697
1983	Wet	5,411	8,381	7,457	8,542	5,367	350	350	350	923	3,125	900	371
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	4,293
1986	Wet	4,374	3,269	2,000	2,430	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	359
1993	Wet	1,143	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	365	752
1995	Wet	3,488	5,007	4,976	3,448	6,421	350	350	350	467	350	350	350
1996	Wet	2,394	3,249	614	614	350	350	350	350	467	1,755	10,325	2,293
1997	Wet	1,072	3,249	2,000	2,000	350	350	350	350	467	350	350	1,697
1998	Wet	1,682	4,452	3,025	5,009	5,120	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,075	3,310	888	961	555	487	380	379	487	389	366	426
1923	Above Normal	1,075	2,555	448	521	555	487	380	379	487	389	418	423
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,031	2,003	375	394	403	385	358	358	472	360	368	370
1926	Dry	1,018	1,362	354	356	358	355	351	351	468	351	353	353
1927	Above Normal	1,075	3,310	478	551	555	487	380	379	487	389	418	423
1928	Below Normal	1,047	1,374	401	439	457	421	366	365	478	370	386	389
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,075	3,310	532	605	555	487	380	379	487	389	418	426
1933	Dry	1,019	1,250	355	358	360	357	351	351	468	352	353	354
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,075	3,188	448	521	555	487	380	379	487	389	418	423
1936	Above Normal	1,075	3,023	448	521	555	487	380	379	487	389	350	350
1937	Wet	1,075	3,249	645	791	555	487	380	379	487	350	350	350
1938	Wet	2,260	4,528	4,943	3,408	1,158	350	350	350	467	350	350	350
1939	Dry	1,016	863	448	521	555	487	380	379	487	389	418	423
1940	Above Normal	1,075	3,087	448	521	555	487	380	379	487	389	350	363
1941	Wet	1,075	3,310	2,098	2,171	555	487	380	379	487	389	350	426
1942	Wet	1,075	3,310	673	844	555	487	380	379	487	389	350	426
1943	Wet	1,075	3,310	539	612	555	487	380	379	487	389	418	423
1944	Below Normal	1,042	1,622	394	427	442	412	364	363	476	368	381	384
1945	Above Normal	1,075	3,310	637	710	555	487	380	379	487	389	418	426
1946	Above Normal	1,075	2,732	448	521	555	487	380	379	487	389	418	426
1947	Dry	1,033	1,296	378	400	410	390	359	359	473	361	370	371
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,017	1,367	351	352	353	352	350	350	467	351	351	351
1950	Below Normal	1,024	1,706	364	375	380	370	354	354	470	350	350	361
1951	Above Normal	1,075	3,036	448	521	555	487	380	379	487	389	418	374
1952	Wet	1,075	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,567	446	520	553	485	380	379	487	389	418	425
1954	Below Normal	1,019	1,708	355	358	359	356	351	351	468	352	353	353
1955	Dry	1,018	1,361	353	356	357	355	351	351	468	351	352	350
1956	Wet	1,016	3,249	2,098	2,171	555	487	380	379	487	389	418	426
1957	Below Normal	1,075	1,794	448	521	555	487	380	379	487	389	418	426
1958	Wet	1,075	3,310	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	898	379	400	410	390	359	359	473	361	370	371
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,075	3,189	448	521	555	487	380	379	487	389	418	426
1963	Above Normal	1,075	3,239	448	521	555	487	380	379	487	389	418	423
1964	Dry	1,016	808	350	351	351	350	350	350	467	350	350	350
1965	Wet	1,075	3,310	792	865	555	487	380	379	487	389	418	426
1966	Below Normal	1,060	1,715	423	478	503	452	373	372	482	379	401	406
1967	Wet	1,075	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	638	439	507	537	475	378	377	485	386	350	350
1969	Wet	2,252	4,701	4,760	5,542	1,683	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,063	448	521	555	487	380	379	487	389	418	426
1971	Below Normal	1,052	1,976	409	454	474	433	368	368	479	374	391	394
1972	Dry	1,017	1,084	351	352	353	352	350	350	467	350	351	351
1973	Above Normal	1,075	3,310	531	604	555	487	380	379	487	389	418	426
1974	Wet	1,075	3,310	698	771	555	487	380	379	487	389	418	426
1975	Wet	1,075	2,887	448	521	555	487	380	379	487	389	418	423
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,969	448	521	555	487	380	379	487	389	350	350
1980	Wet	1,016	3,249	2,098	2,171	555	487	380	379	487	389	418	426
1981	Dry	1,075	1,209	448	521	555	487	380	379	487	389	418	426
1982	Wet	1,075	3,249	2,000	2,000	350	350	350	350	467	393	3,483	3,668
1983	Wet	4,571	7,651	7,802	7,877	5,281	350	350	350	728	3,096	876	350
1984	Above Normal	1,016	3,310	533	606	555	487	380	379	487	389	418	426
1985	Dry	1,054	1,326	413	461	482	438	370	369	480	375	394	399
1986	Wet	1,016	3,249	2,000	2,171	555	487	380	379	487	389	418	426
1987	Critical	1,018	353	339	342	347	345	351	351	361	352	353	353
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,075	3,310	2,098	2,171	555	487	380	379	487	389	418	426
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,075	3,249	2,000	2,171	4,343	487	380	379	487	389	418	423
1996	Wet	1,075	3,310	712	785	555	487	380	379	487	389	4,021	1,116
1997	Wet	1,083	3,310	2,098	2,171	555	487	380	379	487	389	418	426
1998	Wet	1,075	3,249	2,000	2,000	557	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,254	448	521	555	487	380	379	487	389	418	423
2000	Above Normal	1,075	2,761	448	521	555	487	380	379	487	389	418	426
2001	Dry	1,019	1,145	354	358	359	356	351	351	468	352	353	353
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,035	2,033	382	406	417	395	360	n/a	n/a	n/a	n/a	n/a

Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	59	44	98	-204	205	137	30	29	20	39	-66	5
1923	Above Normal	59	60	98	171	205	137	30	29	20	39	68	73
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	15	16	25	44	53	35	8	8	5	10	18	20
1926	Dry	2	2	4	6	8	5	1	1	1	1	3	3
1927	Above Normal	59	60	98	171	205	137	30	29	20	39	68	73
1928	Below Normal	31	32	51	89	107	71	16	15	11	20	36	39
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-10
1932	Above Normal	59	60	98	171	205	137	30	29	20	39	68	76
1933	Dry	3	3	5	8	10	7	1	1	1	2	3	4
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	59	60	98	171	205	137	30	29	20	39	68	-387
1936	Above Normal	-53	60	98	171	205	137	30	29	20	39	0	-933
1937	Wet	-1,471	-1,403	-1,087	-645	205	137	30	29	20	-46	-175	-1,959
1938	Wet	-1,903	-3,472	-2,782	-1,665	-66	0	0	0	0	0	0	0
1939	Dry	0	60	98	171	205	137	30	29	20	39	68	73
1940	Above Normal	59	60	98	171	205	137	30	29	20	39	0	-1,515
1941	Wet	-163	60	-822	171	205	137	30	29	20	39	-73	-84
1942	Wet	59	60	0	171	205	137	30	29	20	39	-745	-227
1943	Wet	-1,730	60	98	171	205	137	30	29	20	39	68	73
1944	Below Normal	26	27	44	77	92	62	14	13	9	18	31	-1,613
1945	Above Normal	59	60	98	171	205	137	30	29	20	-30	-98	62
1946	Above Normal	59	60	98	171	205	137	30	29	20	39	68	74
1947	Dry	17	18	28	50	60	40	9	9	6	11	20	21
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	1	1	1	2	3	2	0	0	0	1	1	1
1950	Below Normal	8	9	14	25	30	20	4	4	3	-2,867	-890	-384
1951	Above Normal	59	60	98	171	205	137	30	29	20	39	68	-41
1952	Wet	-1,334	-1,336	-1,270	-1,518	0	0	0	0	0	0	-37	-17
1953	Below Normal	0	60	96	170	203	135	30	29	20	39	68	75
1954	Below Normal	3	3	5	8	9	6	1	1	1	2	3	3
1955	Dry	2	2	3	6	7	5	1	1	1	-1,857	-3,918	-393
1956	Wet	-46	0	98	171	205	137	30	29	20	39	68	76
1957	Below Normal	59	60	98	171	205	137	30	29	20	39	68	76
1958	Wet	59	-1,142	-1,187	-810	0	0	0	0	0	0	0	0
1959	Dry	0	18	29	50	60	40	9	9	6	11	20	21
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	59	60	98	171	205	137	30	29	20	39	68	-11
1963	Above Normal	59	60	98	171	205	137	30	29	20	39	68	73
1964	Dry	0	0	0	1	1	0	0	0	0	0	-170	-549
1965	Wet	59	60	98	171	205	137	30	29	20	39	4	51
1966	Below Normal	44	45	73	128	153	102	23	22	15	29	51	-90
1967	Wet	59	-1,322	-952	-1,259	-3,519	0	0	0	0	0	0	0
1968	Dry	0	55	89	157	187	125	28	27	18	36	-1,632	-3,346
1969	Wet	-1,692	-3,606	-3,432	-1,899	-75	0	0	0	0	0	-86	-12
1970	Above Normal	-28	60	98	171	205	137	30	29	20	39	68	76
1971	Below Normal	36	37	59	104	124	83	18	18	12	24	41	44
1972	Dry	1	1	1	2	3	2	0	0	0	0	1	1
1973	Above Normal	59	60	98	-225	205	137	30	29	20	39	-692	15
1974	Wet	5	60	92	-42	205	137	30	29	20	39	68	76
1975	Wet	59	60	98	171	205	137	30	29	20	39	68	73
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2,322
1978	Wet	-1,380	-1,438	-2,483	-2,671	-1,376	0	0	0	0	0	-82	-35
1979	Above Normal	-202	60	98	171	205	137	30	29	20	39	-2,207	-3,342
1980	Wet	-998	0	-109	-301	142	137	30	29	20	39	68	76
1981	Dry	59	60	98	171	205	137	30	29	20	39	68	-228
1982	Wet	-10	-2,393	-2,746	-1,119	0	0	0	-967	-1,173	-3,052	-185	-29
1983	Wet	-840	-730	346	-665	-86	0	0	0	-195	-29	-24	-21
1984	Above Normal	0	60	98	171	205	137	30	29	20	39	68	76
1985	Dry	38	39	63	111	132	88	20	19	13	25	44	-3,894
1986	Wet	-3,358	-20	0	-259	205	137	30	29	20	39	68	76
1987	Critical	2	3	4	7	8	6	1	1	1	2	3	3
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-9
1993	Wet	-69	60	98	171	205	137	30	29	20	39	68	76
1994	Critical	0	0	0	0	0	0	0	0	0	0	-15	-402
1995	Wet	-2,413	-1,758	-2,976	-1,277	-2,078	137	30	29	20	39	68	73
1996	Wet	-1,319	60	98	171	205	137	30	29	20	-1,366	-6,304	-1,177
1997	Wet	11	60	98	171	205	137	30	29	20	39	68	-1,272
1998	Wet	-607	-1,202	-1,025	-3,009	-4,563	0	0	0	0	0	0	0
1999	Above Normal	0	60	98	171	205	137	30	29	20	39	68	73
2000	Above Normal	59	60	98	171	205	137	30	29	20	39	68	76
2001	Dry	3	3	4	8	9	6	1	1	1	2	3	3
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	19	20	32	56	67	45	10	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	6%	1%	12%	-17%	59%	39%	9%	8%	4%	11%	-15%	1%
1923	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	21%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	1%	1%	7%	13%	15%	10%	2%	2%	1%	3%	5%	6%
1926	Dry	0%	0%	1%	2%	2%	1%	0%	0%	0%	0%	1%	1%
1927	Above Normal	6%	2%	26%	45%	59%	39%	9%	8%	4%	11%	20%	21%
1928	Below Normal	3%	2%	15%	26%	31%	20%	5%	4%	2%	6%	10%	11%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%
1932	Above Normal	6%	2%	22%	39%	59%	39%	9%	8%	4%	11%	20%	22%
1933	Dry	0%	0%	1%	2%	3%	2%	0%	0%	0%	1%	1%	1%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	-48%
1936	Above Normal	-5%	2%	28%	49%	59%	39%	9%	8%	4%	11%	0%	-73%
1937	Wet	-58%	-30%	-63%	-45%	59%	39%	9%	8%	4%	-12%	-33%	-85%
1938	Wet	-46%	-43%	-36%	-33%	-5%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	8%	28%	49%	59%	39%	9%	8%	4%	11%	20%	21%
1940	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	0%	-81%
1941	Wet	-13%	2%	-28%	9%	59%	39%	9%	8%	4%	11%	-17%	-16%
1942	Wet	6%	2%	0%	25%	59%	39%	9%	8%	4%	11%	-68%	-35%
1943	Wet	-62%	2%	22%	39%	59%	39%	9%	8%	4%	11%	20%	21%
1944	Below Normal	3%	2%	13%	22%	26%	18%	4%	4%	2%	5%	9%	-81%
1945	Above Normal	6%	2%	18%	32%	59%	39%	9%	8%	4%	-7%	-19%	17%
1946	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	21%
1947	Dry	2%	1%	8%	14%	17%	11%	3%	2%	1%	3%	6%	6%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%
1950	Below Normal	1%	1%	4%	7%	8%	6%	1%	1%	1%	-89%	-72%	-52%
1951	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	-10%
1952	Wet	-55%	-29%	-39%	-43%	0%	0%	0%	0%	0%	0%	-10%	-5%
1953	Below Normal	0%	4%	28%	48%	58%	39%	9%	8%	4%	11%	19%	21%
1954	Below Normal	0%	0%	1%	2%	3%	2%	0%	0%	0%	1%	1%	1%
1955	Dry	0%	0%	1%	2%	2%	1%	0%	0%	0%	-84%	-92%	-53%
1956	Wet	-4%	0%	5%	9%	59%	39%	9%	8%	4%	11%	20%	22%
1957	Below Normal	6%	3%	28%	49%	59%	39%	9%	8%	4%	11%	20%	22%
1958	Wet	6%	-26%	-37%	-29%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	2%	8%	14%	17%	11%	3%	2%	1%	3%	6%	6%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	-3%
1963	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	21%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	-61%
1965	Wet	6%	2%	14%	25%	59%	39%	9%	8%	4%	11%	1%	14%
1966	Below Normal	4%	3%	21%	36%	44%	29%	6%	6%	3%	8%	15%	-18%
1967	Wet	6%	-29%	-32%	-39%	-91%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	9%	25%	45%	53%	36%	8%	8%	4%	10%	-82%	-91%
1969	Wet	-43%	-43%	-42%	-26%	-4%	0%	0%	0%	0%	0%	-20%	-3%
1970	Above Normal	-3%	3%	28%	49%	59%	39%	9%	8%	4%	11%	20%	22%
1971	Below Normal	3%	2%	17%	30%	36%	24%	5%	5%	3%	7%	12%	13%
1972	Dry	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	6%	2%	23%	-27%	59%	39%	9%	8%	4%	11%	-62%	4%
1974	Wet	1%	2%	15%	-5%	59%	39%	9%	8%	4%	11%	20%	22%
1975	Wet	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	21%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-96%
1978	Wet	-58%	-31%	-55%	-57%	-80%	0%	0%	0%	0%	0%	-19%	-9%
1979	Above Normal	-17%	2%	28%	49%	59%	39%	9%	8%	4%	11%	-86%	-91%
1980	Wet	-50%	0%	-5%	-12%	34%	39%	9%	8%	4%	11%	20%	22%
1981	Dry	6%	5%	28%	49%	59%	39%	9%	8%	4%	11%	20%	-35%
1982	Wet	-1%	-42%	-58%	-36%	0%	0%	0%	-73%	-72%	-89%	-5%	-1%
1983	Wet	-16%	-9%	5%	-8%	-2%	0%	0%	0%	-21%	-1%	-3%	-6%
1984	Above Normal	0%	2%	22%	39%	59%	39%	9%	8%	4%	11%	20%	22%
1985	Dry	4%	3%	18%	32%	38%	25%	6%	5%	3%	7%	13%	-91%
1986	Wet	-77%	-1%	0%	-11%	59%	39%	9%	8%	4%	11%	20%	22%
1987	Critical	0%	1%	1%	2%	3%	2%	0%	0%	0%	0%	1%	1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Wet	-6%	2%	5%	9%	59%	39%	9%	8%	4%	11%	20%	22%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	-53%
1995	Wet	-69%	-35%	-60%	-37%	-32%	39%	9%	8%	4%	11%	20%	21%
1996	Wet	-55%	2%	16%	28%	59%	39%	9%	8%	4%	-78%	-61%	-51%
1997	Wet	1%	2%	5%	9%	59%	39%	9%	8%	4%	11%	20%	-75%
1998	Wet	-36%	-27%	-34%	-60%	-89%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	3%	28%	49%	59%	39%	9%	8%	4%	11%	20%	21%
2000	Above Normal	6%	2%	28%	49%	59%	39%	9%	8%	4%	11%	20%	22%
2001	Dry	0%	0%	1%	2%	3%	2%	0%	0%	0%	0%	1%	1%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	2%	1%	9%	16%	19%	13%	3%	n/a	n/a	n/a	n/a	n/a

Simulated Merced River Inflow to San Joaquin River (Node C566)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	47	37	95
1931	Critical	276	385	372	382	408	296	131	100	105	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,506	241	149	519	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	464	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,441	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	282	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	570	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	75	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	75	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	56	10
1992	Critical	272	289	297	291	352	298	203	143	146	99	81	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	51	37	95
1931	Critical	276	385	372	382	408	296	131	100	108	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,505	241	149	520	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	463	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,440	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	283	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,529	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	569	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,317	3,657	4,416	6,069	1,410	2,951	7,944	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	79	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	76	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	60	10
1992	Critical	272	289	297	291	352	298	203	143	146	102	84	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,969	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1931	Critical	0	0	0	0	0	0	0	0	3	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	1	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	334	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	18	0	0	0	0	0	551	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	1	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	4	0
1992	Critical	0	0	0	0	0	0	0	0	0	3	4	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	313	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	1%	0%	0%	0%	0%	0%	7%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	5%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,880	3,099	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,530	2,173	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,040	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,405	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,989	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,935	4,272	5,182	4,021	1,218	701	871	922
1938	Wet	667	1,293	3,806	3,052	13,217	16,013	11,079	13,008	9,495	2,492	1,269	1,098
1939	Dry	1,129	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,307	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	8,353	4,858	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	968	1,331	2,286	2,617	3,270	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	4,657	3,334	8,267	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	6,284	3,309	3,683	1,343	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	7,344	4,036	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,846	2,608	6,084	5,472	7,780	6,131	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,104	817	380	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	5,613	10,132	4,979	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,796	5,654	4,595	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,042	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,515	1,485	1,647	4,411	1,486	983	1,300	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	9,472	7,207	7,298	6,063	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	7,133	16,211	10,932	13,963	16,023	13,339	3,068	1,312	1,206
1970	Above Normal	1,108	1,251	1,017	5,487	2,378	2,751	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	3,045	1,714	2,986	4,137	2,598	956	913	1,102	1,048
1975	Wet	910	1,144	950	789	3,412	3,187	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,172	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	5,873	6,183	9,244	6,704	6,772	2,700	1,353	1,890
1979	Above Normal	706	1,294	965	2,495	3,656	3,882	3,482	1,745	500	278	874	902
1980	Wet	943	1,069	916	8,391	11,822	7,805	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,172	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,821	14,763	9,584	3,755	2,354	1,466	1,740
1983	Wet	1,666	5,161	11,180	14,179	17,603	22,576	14,744	13,742	17,787	11,028	2,542	1,674
1984	Above Normal	1,903	5,420	9,997	5,988	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	11,528	13,205	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,178	2,490	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,515	2,015	10,379	7,640	10,024	7,234	9,188	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,683	4,036	2,451	671	511	979	957
1997	Wet	861	2,152	9,139	32,086	8,783	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	11,880	5,705	9,076	7,257	11,979	9,052	1,556	1,248
1999	Above Normal	986	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,772	3,248	2,887	1,896	372	151	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,884	3,090	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,341	2,131	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,039	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	97	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,404	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,828	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,103	4,015	4,058	3,214	1,218	701	871	922
1938	Wet	667	1,293	3,806	2,941	11,440	14,196	7,780	10,365	8,135	2,492	1,269	1,098
1939	Dry	1,238	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,329	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	7,070	4,855	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	1,010	1,331	2,286	2,612	3,109	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	3,975	3,384	6,795	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	5,240	3,309	3,683	1,344	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	4,524	3,269	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,711	2,622	6,015	5,050	6,795	4,963	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,103	818	379	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	4,072	6,488	4,725	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,416	5,654	4,594	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,043	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,503	1,485	1,647	4,411	1,486	983	1,299	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	8,911	6,521	6,356	4,231	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	5,520	12,994	9,325	10,538	12,762	12,156	3,054	1,312	1,206
1970	Above Normal	1,140	1,251	1,017	5,481	2,378	2,702	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	2,628	1,714	2,986	4,137	2,598	955	913	1,102	1,047
1975	Wet	910	1,144	950	789	3,412	3,155	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,170	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	4,120	4,985	7,983	4,568	5,891	2,700	1,352	1,890
1979	Above Normal	706	1,294	965	2,495	3,529	3,712	3,482	1,745	499	277	874	902
1980	Wet	943	1,069	916	6,247	8,053	6,841	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,239	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,663	12,531	7,199	3,755	2,354	1,466	1,740
1983	Wet	1,666	4,140	8,277	13,177	17,541	21,816	14,838	14,070	17,776	11,004	2,542	1,674
1984	Above Normal	1,903	5,221	9,967	5,963	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	8,071	9,878	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,177	2,482	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,514	2,015	8,673	6,167	7,418	7,010	7,085	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,520	4,036	2,450	671	511	979	957
1997	Wet	861	2,105	7,179	25,151	7,561	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	10,355	5,189	8,074	6,495	9,351	5,322	1,556	1,248
1999	Above Normal	1,049	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,541	3,157	2,887	1,896	372	150	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-162	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-257	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,777	-1,817	-3,298	-2,643	-1,360	0	0	0
1939	Dry	109	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	22	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	-1,284	-3	0	0	0	0	0	0
1942	Wet	42	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-682	50	-1,472	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-135	14	-68	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-379	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-561	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,217	-1,607	-3,425	-3,261	-1,183	-14	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	-32	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,135	-881	0	0	0
1979	Above Normal	0	0	0	0	-127	-169	0	0	0	-1	0	0
1980	Wet	0	0	0	-2,144	-3,769	-964	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-2,904	-1,002	-62	-761	94	328	-11	-23	0	0
1984	Above Normal	0	-199	-30	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,706	-1,472	-2,605	-225	-2,103	0	0
1996	Wet	0	0	0	0	0	-163	0	0	0	0	0	0
1997	Wet	0	-47	-1,960	-6,935	-1,223	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,525	-516	-1,002	-762	-2,628	-3,730	0	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-7%	-2%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-	-	-100%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	-	0%	-	-	-	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-8%	-6%	-22%	-20%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-4%	-13%	-11%	-30%	-20%	-14%	0%	0%	0%
1939	Dry	10%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	4%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-15%	2%	-18%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-38%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-3%	1%	-1%	-8%	-13%	-19%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-27%	-36%	-5%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-6%	-10%	-13%	-30%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-23%	-20%	-15%	-25%	-20%	-9%	0%	0%	0%
1970	Above Normal	3%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-57%	2316%	0%
1978	Wet	0%	0%	0%	0%	-30%	-19%	-14%	-32%	-13%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-3%	-4%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-26%	-32%	-12%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-3%	-15%	-25%	0%	0%	0%	0%
1983	Wet	0%	-20%	-26%	-7%	0%	-3%	1%	2%	0%	0%	0%	0%
1984	Above Normal	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-30%	-25%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	47%	-100%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-16%	-19%	-26%	-3%	-23%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-21%	-22%	-14%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-13%	-9%	-11%	-10%	-22%	-41%	0%	0%
1999	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-4%	-3%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,766	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,765	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,565	3,732	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,470	4,094	2,342	6,391	2,666	1,526	911	1,553	1,809
1924	Critical	1,666	1,672	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,238	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,386	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,931	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,664	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	13,482	8,736	8,692	5,591	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,626	20,292	23,793	16,585	18,515	13,968	6,255	1,935	1,799
1939	Dry	2,120	2,028	1,559	1,536	2,102	3,176	2,781	1,898	686	484	564	1,119
1940	Above Normal	1,184	1,580	1,366	2,741	3,230	5,533	7,543	3,176	1,211	827	1,132	1,504
1941	Wet	1,441	1,644	3,207	3,517	13,328	9,745	9,719	6,656	5,737	4,529	1,867	1,650
1942	Wet	1,775	1,933	2,928	5,741	6,668	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,916	6,554	14,460	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	8,044	7,240	6,029	2,861	1,488	1,755	1,707	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	10,519	7,757	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,693	3,184	9,891	10,148	12,937	10,603	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	715	669	1,011
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,586	2,092	908	579	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	6,054	16,267	9,111	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,966	10,614	9,737	4,635	1,963	1,915
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,182	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,356	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	813	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,232	4,991	4,746	7,626	2,760	1,404	1,907	2,269	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	14,048	11,197	13,847	12,642	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	8,069	21,630	14,824	19,140	22,906	20,936	6,956	1,866	1,808
1970	Above Normal	2,399	2,014	2,083	11,444	4,927	5,814	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,870	3,432	6,779	6,838	4,046	4,328	2,030	1,668	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,837	5,878	3,080	5,556	2,566	1,786	1,630
1976	Critical	2,812	2,011	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	6,423	6,763	10,782	8,209	8,780	3,184	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	7,121	8,145	5,601	7,433	1,043	884	1,583	1,519
1980	Wet	1,669	1,883	1,793	11,284	18,547	11,589	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	1,974	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,406	24,018	16,039	8,664	6,107	2,153	4,169
1983	Wet	4,924	8,272	16,480	19,422	24,291	38,665	19,873	21,715	22,171	17,368	5,492	3,830
1984	Above Normal	2,945	10,865	17,433	10,118	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	13,646	21,223	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	840	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	714	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,660	2,797	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,034	2,169	17,853	12,414	19,605	12,403	17,601	3,620	1,880
1996	Wet	1,547	1,668	1,353	2,047	10,656	8,570	6,919	5,177	3,803	1,371	1,551	1,592
1997	Wet	1,571	2,572	15,392	49,782	12,465	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	18,989	10,768	13,011	12,883	19,040	15,862	2,168	1,880
1999	Above Normal	2,068	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,300	6,957	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	383	484	867

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,570	3,723	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,281	4,052	2,342	6,391	2,666	1,526	910	1,552	1,809
1924	Critical	1,666	1,671	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,237	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,385	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,930	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,502	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	12,650	8,479	7,569	4,784	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,515	18,515	21,976	13,287	15,872	12,608	6,255	1,935	1,799
1939	Dry	2,229	2,028	1,559	1,536	2,102	3,176	2,780	1,897	685	482	562	1,118
1940	Above Normal	1,184	1,580	1,366	2,763	3,229	5,533	7,543	3,176	1,211	828	1,133	1,504
1941	Wet	1,441	1,644	3,207	3,516	12,045	9,742	9,719	6,656	5,737	4,528	1,867	1,650
1942	Wet	1,817	1,933	2,928	5,736	6,507	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,234	6,605	12,988	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	7,001	7,240	6,029	2,860	1,488	1,754	1,706	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	7,699	6,989	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,557	3,198	9,823	9,726	11,952	9,435	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	714	668	1,010
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,587	2,092	908	580	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	4,514	12,623	8,857	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,587	10,613	9,736	4,633	1,961	1,914
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,183	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,357	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	812	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,220	4,991	4,746	7,626	2,760	1,404	1,907	2,268	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	13,487	10,511	12,904	10,810	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	6,456	18,413	13,216	15,715	19,645	19,753	6,942	1,866	1,808
1970	Above Normal	2,432	2,014	2,083	11,438	4,927	5,765	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,453	3,432	6,779	6,838	4,045	4,327	2,029	1,667	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,805	5,878	3,080	5,556	2,566	1,787	1,630
1976	Critical	2,812	2,009	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	4,670	5,565	9,521	6,073	7,898	3,183	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	6,994	7,976	5,600	7,431	1,041	881	1,580	1,518
1980	Wet	1,669	1,883	1,793	9,140	14,778	10,625	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	2,041	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,248	21,785	13,654	8,664	6,107	2,153	4,169
1983	Wet	4,924	7,251	13,576	18,420	24,230	37,904	19,967	22,043	22,161	17,344	5,492	3,830
1984	Above Normal	2,945	10,666	17,403	10,093	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	10,189	17,897	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	839	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	713	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,659	2,788	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,033	2,169	16,147	10,941	16,999	12,177	15,496	3,618	1,879
1996	Wet	1,547	1,668	1,352	2,046	10,655	8,407	6,918	5,176	3,802	1,369	1,550	1,592
1997	Wet	1,571	2,525	13,432	42,847	11,243	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	17,465	10,252	12,008	12,121	16,412	12,131	2,168	1,880
1999	Above Normal	2,131	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,069	6,866	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	382	484	867

Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-162	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-257	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,777	-1,817	-3,298	-2,643	-1,360	0	0	0
1939	Dry	109	0	0	0	0	0	-1	-1	-2	-2	-2	-1
1940	Above Normal	0	0	0	22	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,284	-3	0	0	0	0	0	0
1942	Wet	42	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-682	50	-1,472	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-135	14	-68	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-379	-1	-1	-2	-1	-1
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-561	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,217	-1,607	-3,425	-3,261	-1,183	-14	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-32	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-964	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-2,904	-1,002	-62	-761	94	329	-11	-23	0	0
1984	Above Normal	0	-199	-30	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,706	-1,473	-2,606	-226	-2,105	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,935	-1,223	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,525	-516	-1,002	-762	-2,628	-3,731	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-3%	-13%	-14%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-9%	-8%	-20%	-14%	-10%	0%	0%	0%
1939	Dry	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-9%	1%	-10%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-27%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-8%	-11%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-25%	-22%	-3%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-14%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-20%	-15%	-11%	-18%	-14%	-6%	0%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-27%	-18%	-12%	-26%	-10%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-19%	-20%	-8%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-9%	-15%	0%	0%	0%	0%
1983	Wet	0%	-12%	-18%	-5%	0%	-2%	0%	2%	0%	0%	0%	0%
1984	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-25%	-16%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-10%	-12%	-13%	-2%	-12%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-13%	-14%	-10%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-8%	-5%	-8%	-6%	-14%	-24%	0%	0%
1999	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,701	1,467	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	2,069	1,704	1,855	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,265	1,375	1,424	678	586	1,470
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,768	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	826	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,309	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,702	1,466	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	1,964	1,704	1,959	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,209	1,375	1,424	678	586	1,525
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,712	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	874	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,308	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	1	-1	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	-105	0	104	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-56	0	0	0	0	55
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-56	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	48	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-5%	0%	6%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	4%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,606	6,902	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,714	5,745	4,500	9,001	5,669	3,668	2,318	2,542	2,798
1924	Critical	3,244	2,425	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,665	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,806	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	14,276	10,642	11,498	8,827	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,922	21,822	29,258	20,332	22,988	16,670	8,698	3,319	4,389
1939	Dry	3,805	2,915	2,366	2,499	2,821	3,780	4,927	3,818	1,609	1,352	1,499	2,034
1940	Above Normal	2,554	2,163	1,901	3,369	4,004	8,796	10,538	6,069	3,097	1,883	2,084	2,456
1941	Wet	2,868	2,349	3,993	4,493	14,561	13,568	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,267	2,888	3,834	6,846	8,168	8,134	11,477	9,816	8,424	7,140	3,064	3,088
1943	Wet	3,242	3,036	3,211	11,165	9,599	19,912	11,416	6,439	4,958	2,924	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,646	2,474	2,235	2,425	8,951	10,053	8,371	5,900	3,517	3,075	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	12,749	12,419	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,482	4,257	12,946	13,547	16,980	13,491	9,341	4,524	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,101	2,553	1,910	1,607	1,948
1954	Below Normal	2,548	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	7,461	19,102	11,694	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,900	13,962	12,093	6,066	3,079	3,880
1959	Dry	3,111	2,394	2,257	2,365	3,863	3,472	4,926	3,723	1,606	1,270	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,934	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,826	6,344	7,122	10,192	5,396	3,065	2,951	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,325	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,952	14,354	16,075	15,030	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	8,840	24,342	20,192	22,934	26,687	25,760	9,967	4,296	4,061
1970	Above Normal	4,023	2,939	3,574	16,902	8,596	8,542	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	6,330	4,470	8,815	9,275	5,834	6,188	3,401	2,806	2,839
1975	Wet	3,646	3,055	2,560	2,421	6,159	8,913	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,002	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	7,031	8,064	13,787	11,739	10,121	4,353	2,866	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	8,002	9,401	8,133	9,047	2,978	1,745	2,558	2,340
1980	Wet	3,194	2,546	2,220	11,893	19,878	16,644	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	2,953	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,801	28,420	19,362	11,149	8,697	4,735	7,447
1983	Wet	7,311	11,273	20,999	26,497	32,051	48,707	24,261	25,796	28,041	24,415	9,187	7,913
1984	Above Normal	4,918	16,551	23,989	15,333	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	14,549	28,070	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,252	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	555	596	950
1993	Wet	1,399	1,503	1,480	4,802	3,761	3,770	5,505	5,004	7,100	4,329	2,326	2,619
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	906	904	1,230
1995	Wet	1,595	1,669	1,445	3,767	3,427	19,501	14,534	23,017	13,949	19,523	4,726	2,901
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,477	9,677	7,692	5,893	2,581	2,579	2,728
1997	Wet	3,186	3,507	19,751	59,984	22,927	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	21,678	14,508	16,166	15,728	20,601	20,102	5,658	4,857
1999	Above Normal	4,546	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,903	9,361	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,611	6,893	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,525	5,702	4,500	9,001	5,669	3,668	2,317	2,541	2,798
1924	Critical	3,244	2,424	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,664	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,645	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	13,444	10,385	10,375	8,021	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,812	20,044	27,441	17,034	20,344	15,328	8,698	3,319	4,389
1939	Dry	3,914	2,915	2,366	2,499	2,821	3,780	4,926	3,816	1,607	1,350	1,497	2,034
1940	Above Normal	2,553	2,163	1,901	3,391	4,004	8,796	10,538	6,069	3,098	1,884	2,085	2,456
1941	Wet	2,869	2,349	3,993	4,493	13,277	13,564	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,309	2,888	3,834	6,841	8,007	8,134	11,477	9,816	8,424	7,140	3,064	3,087
1943	Wet	3,242	3,036	3,211	10,483	9,649	18,440	11,416	6,439	4,958	2,923	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,647	2,474	2,235	2,425	7,907	10,053	8,371	5,900	3,516	3,074	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	9,930	11,652	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,347	4,272	12,878	13,020	15,995	12,427	9,341	4,523	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,100	2,552	1,909	1,607	1,948
1954	Below Normal	2,547	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	5,920	15,458	11,439	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,465	13,961	12,091	6,064	3,078	3,934
1959	Dry	3,110	2,394	2,256	2,365	3,863	3,472	4,926	3,724	1,606	1,271	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,933	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,814	6,344	7,122	10,192	5,396	3,065	2,950	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,324	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,335	13,668	15,133	13,198	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	7,227	21,173	18,584	19,509	23,426	24,595	9,953	4,296	4,061
1970	Above Normal	4,055	2,939	3,574	16,896	8,596	8,493	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	5,913	4,470	8,815	9,274	5,834	6,187	3,401	2,806	2,839
1975	Wet	3,645	3,055	2,560	2,421	6,159	8,881	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	2,999	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	5,278	6,866	12,526	9,603	9,239	4,352	2,865	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	7,875	9,231	8,132	9,045	2,975	1,742	2,555	2,339
1980	Wet	3,193	2,546	2,220	9,749	16,109	15,679	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	3,020	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,644	26,187	16,977	11,149	8,697	4,735	7,447
1983	Wet	7,311	10,253	18,095	25,496	31,990	47,947	24,355	26,124	28,048	24,391	9,187	7,913
1984	Above Normal	4,918	16,353	23,959	15,309	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	11,091	24,743	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,251	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	554	596	950
1993	Wet	1,398	1,503	1,480	4,802	3,760	3,761	5,505	5,004	7,100	4,329	2,325	2,618
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	907	904	1,230
1995	Wet	1,595	1,669	1,445	3,766	3,427	17,794	13,061	20,411	13,723	17,418	4,724	2,900
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,314	9,676	7,691	5,892	2,579	2,578	2,727
1997	Wet	3,186	3,460	17,791	53,048	21,704	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	20,153	13,992	15,164	14,966	17,973	16,389	5,658	4,857
1999	Above Normal	4,609	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,673	9,270	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-9	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-162	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-832	-257	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,777	-1,817	-3,298	-2,643	-1,343	0	0	0
1939	Dry	109	0	0	0	0	0	0	-2	-2	-2	-2	-1
1940	Above Normal	0	0	0	22	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,284	-3	0	0	0	0	0	0
1942	Wet	42	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-682	50	-1,472	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-135	14	-68	-527	-985	-1,064	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-435	-1	-1	-2	-1	54
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-617	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,169	-1,607	-3,425	-3,261	-1,165	-14	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-32	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-964	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-2,904	-1,002	-62	-761	94	328	7	-23	0	0
1984	Above Normal	0	-199	-30	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,706	-1,473	-2,606	-226	-2,105	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,935	-1,223	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,525	-516	-1,002	-762	-2,628	-3,714	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-2%	-10%	-9%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-8%	-6%	-16%	-11%	-8%	0%	0%	0%
1939	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-6%	1%	-7%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-22%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-6%	-8%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-21%	-19%	-2%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	1%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-6%	-12%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-18%	-13%	-8%	-15%	-12%	-5%	0%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-25%	-15%	-9%	-18%	-9%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-18%	-19%	-6%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-8%	-12%	0%	0%	0%	0%
1983	Wet	0%	-9%	-14%	-4%	0%	-2%	0%	1%	0%	0%	0%	0%
1984	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	-12%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-10%	-11%	-2%	-11%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-10%	-12%	-5%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-7%	-4%	-6%	-5%	-13%	-18%	0%	0%
1999	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Jones Pumping Plant (Node D418)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,199	4,509	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,705	4,239	2,937	1,119	800	3,368	4,581	3,826	4,600
1924	Critical	4,578	4,156	3,520	3,879	2,103	800	941	816	274	800	1,275	2,843
1925	Dry	3,095	1,565	3,841	3,218	2,331	2,831	1,198	954	3,444	4,600	3,937	3,603
1926	Dry	3,789	4,206	3,564	3,219	1,726	1,041	1,226	800	2,104	3,113	2,339	3,784
1927	Wet	3,535	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,051	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,070	2,600	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,325	3,029	3,159	2,407	2,505	2,065	1,414	1,185	1,125	2,662	1,521	2,604
1931	Critical	3,467	3,245	3,200	3,265	3,286	1,122	800	800	414	600	1,274	2,781
1932	Dry	3,008	2,436	4,600	3,415	1,772	1,090	800	800	1,788	800	3,245	4,600
1933	Critical	3,460	3,071	3,204	682	960	1,303	800	800	545	800	4,600	4,071
1934	Critical	2,934	2,589	1,162	473	712	616	800	800	417	600	3,605	2,805
1935	Below Normal	1,897	3,050	4,210	2,831	828	1,499	1,031	800	2,946	3,153	2,001	4,179
1936	Below Normal	4,342	3,857	4,082	1,760	729	2,045	1,190	800	2,813	3,971	2,694	4,600
1937	Below Normal	4,107	3,751	4,251	2,801	1,036	617	1,286	1,096	979	3,258	2,393	4,600
1938	Wet	3,470	4,600	3,904	815	923	1,987	2,537	4,122	4,600	4,600	4,600	4,490
1939	Dry	3,818	800	4,250	3,409	3,888	1,765	862	800	445	4,446	2,307	4,045
1940	Above Normal	3,378	3,750	2,548	2,598	3,311	4,600	1,311	800	2,744	3,887	4,600	4,041
1941	Wet	3,108	2,741	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,576
1942	Wet	3,381	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,700	4,600	4,033	4,600	4,600	4,600	1,422	800	3,471	4,600	4,600	4,600
1944	Dry	3,304	3,950	4,403	3,405	3,680	2,425	1,056	800	1,747	3,715	2,208	3,114
1945	Below Normal	3,433	4,600	3,813	3,431	3,899	4,096	1,041	800	2,067	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,345	842	800	2,721	4,600	4,600	4,249
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,523	4,170
1948	Below Normal	3,766	4,482	3,490	2,030	904	2,529	800	800	2,679	4,266	4,270	4,600
1949	Dry	4,600	4,225	4,281	3,222	3,319	1,930	800	800	1,733	4,600	4,148	4,600
1950	Below Normal	4,264	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,141	1,006	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,202	3,931	4,600	3,889	4,600	1,688	2,115	4,600	4,600	4,600	4,600
1953	Wet	3,341	3,892	4,600	3,176	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,342	4,576	4,522	2,081	2,499	3,446	937	800	2,621	2,999	4,600	4,600
1955	Dry	3,134	4,426	4,600	3,587	3,631	2,451	945	800	598	4,600	2,591	3,738
1956	Wet	3,158	4,188	4,600	4,600	4,056	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,628	4,600	4,291	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,898
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,483	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,731	3,805	4,600	2,193	3,021	3,469	1,218	912	1,664	4,515	4,600	3,616
1960	Dry	3,554	3,425	3,654	3,251	2,231	2,433	800	1,179	1,516	4,050	2,116	4,107
1961	Dry	3,625	4,061	4,600	3,319	2,008	3,299	800	823	371	4,508	3,542	4,600
1962	Below Normal	3,089	3,912	2,983	3,537	3,152	3,822	1,100	800	1,701	4,440	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,442	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,691	3,325
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,210	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,370
1967	Wet	3,992	3,784	3,917	3,747	3,624	4,223	2,114	1,787	4,600	4,600	4,600	4,490
1968	Below Normal	3,951	2,174	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,118	4,600	4,230	4,600	1,990	2,734	3,942	4,600	4,600	4,600	3,823
1970	Wet	4,069	800	4,125	4,600	4,600	3,430	800	800	1,842	3,928	4,600	4,600
1971	Wet	3,279	2,100	3,971	3,325	3,366	3,891	1,057	823	2,648	4,552	4,600	4,351
1972	Below Normal	3,419	2,726	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,071
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,404
1974	Wet	3,098	4,600	4,430	4,349	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,247	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,803	4,600	3,548	4,451	3,191	1,244	800	279	1,575	800	1,565
1977	Critical	2,546	3,664	3,043	2,677	3,729	800	800	800	60	600	4,124	1,353
1978	Above Normal	1,928	1,550	2,813	2,875	4,600	4,600	1,719	1,461	4,404	4,600	4,600	4,558
1979	Below Normal	3,774	2,995	4,578	3,915	4,600	4,600	1,010	1,122	2,765	4,600	4,600	3,503
1980	Above Normal	4,600	3,475	4,600	4,600	3,060	1,713	1,121	998	4,430	4,600	4,600	3,448
1981	Dry	3,239	3,856	4,600	3,421	3,411	2,430	1,319	1,012	1,650	4,600	3,405	3,628
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	2,966	2,414	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,463	2,309	1,991	2,722	3,933	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,505	1,462	1,973	2,765	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,508	4,600	4,279	2,155	4,600	3,773	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,474	800	4,111	3,303	3,349	2,347	800	800	1,630	3,676	1,716	3,105
1988	Critical	4,462	3,695	3,322	2,381	800	800	1,055	800	331	2,900	4,600	1,975
1989	Dry	2,503	3,331	2,820	3,179	1,201	1,208	1,231	800	2,359	3,959	2,744	3,375
1990	Critical	2,758	3,107	3,186	3,096	2,353	1,012	800	848	222	3,168	3,380	1,665
1991	Critical	3,090	3,007	2,641	1,512	1,697	1,295	1,077	819	1,096	2,811	2,431	2,241
1992	Critical	2,870	2,806	2,344	1,558	1,690	2,389	800	800	962	3,221	4,574	814
1993	Above Normal	2,036	3,001	3,620	3,235	4,117	3,921	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,431	4,600	3,202	3,335	2,302	929	976	237	4,527	3,062	3,065
1995	Wet	2,337	3,758	3,622	3,011	3,630	4,600	1,811	4,357	4,600	4,600	4,600	4,600
1996	Wet	2,469	1,866	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	3,009	4,600	4,600	4,600	4,600	3,584	864	800	4,528	4,324	4,600	4,600
1998	Wet	2,909	2,175	4,600	3,013	4,600	4,600	2,015	1,958	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,567
2000	Above Normal	2,671	4,600	3,865	2,262	4,600	4,600	891	800	3,213	2,731	4,600	4,600
2001	Dry	3,084	4,600	4,071	3,460	3,033	2,895	1,026	800	1,616	4,600	2,435	3,189
2002	Dry	4,035	3,350	3,931	2,670	2,607	2,592	836	800	1,675	4,600	4,600	4,172
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,887

Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,200	4,507	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,656	4,228	2,937	1,119	800	3,353	4,581	3,814	4,600
1924	Critical	4,578	4,155	3,520	3,879	2,103	800	941	819	274	800	1,275	2,848
1925	Dry	3,099	1,562	3,840	3,218	2,331	2,829	1,198	954	3,447	4,600	3,939	3,605
1926	Dry	3,790	4,207	3,563	3,219	1,726	1,040	1,226	800	2,100	3,112	2,329	3,783
1927	Wet	3,536	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,050	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,070	2,599	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,326	3,030	3,159	2,407	2,505	2,064	1,414	1,185	1,123	2,660	1,522	2,605
1931	Critical	3,467	3,246	3,199	3,265	3,286	1,122	800	800	414	600	1,274	2,783
1932	Dry	3,009	2,432	4,600	3,415	1,766	996	800	800	1,788	800	3,250	4,600
1933	Critical	3,461	3,072	3,281	681	960	1,303	800	800	545	800	4,600	4,076
1934	Critical	2,939	2,591	1,149	473	712	608	800	800	417	600	3,416	2,816
1935	Below Normal	1,884	3,051	4,210	3,001	826	1,499	1,031	800	2,946	3,153	2,003	4,182
1936	Below Normal	4,345	3,860	4,496	1,337	897	2,150	1,190	800	2,813	3,969	2,695	4,600
1937	Below Normal	4,109	3,753	4,249	2,792	1,035	1,696	1,285	995	925	3,251	2,393	4,600
1938	Wet	3,468	4,600	4,600	1,028	922	2,889	2,124	2,536	4,600	4,600	4,600	4,490
1939	Dry	3,866	809	4,353	3,409	3,883	1,765	800	800	444	4,534	2,273	3,901
1940	Above Normal	3,505	3,750	2,503	2,604	3,311	4,600	1,311	800	2,744	3,877	4,600	4,161
1941	Wet	3,111	2,927	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,574
1942	Wet	3,444	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,699	4,600	4,033	4,600	4,600	4,600	1,422	800	3,902	4,600	4,600	4,600
1944	Dry	3,201	3,885	4,403	3,405	3,680	2,425	1,056	800	1,868	3,638	2,214	3,121
1945	Below Normal	3,435	4,600	3,813	3,431	3,629	4,600	1,041	800	2,066	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,466	842	800	2,589	4,600	4,600	4,377
1947	Dry	4,600	4,600	4,600	3,931	3,519	1,333	900	800	1,687	4,600	2,602	4,165
1948	Below Normal	3,765	4,482	3,491	2,030	903	2,529	800	800	2,679	4,262	4,271	4,600
1949	Dry	4,600	4,225	4,258	3,222	3,319	1,930	800	800	1,733	4,600	4,147	4,600
1950	Below Normal	4,265	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,135	1,381	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,204	3,931	4,600	3,893	4,600	1,622	1,992	4,600	4,600	4,600	4,600
1953	Wet	3,339	4,600	4,600	2,724	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,310	4,510	4,520	2,081	2,499	3,446	937	800	2,621	2,989	4,600	4,600
1955	Dry	3,111	4,463	4,600	3,587	3,653	2,451	945	800	598	4,600	2,552	3,736
1956	Wet	3,164	4,189	4,600	4,600	4,576	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,627	4,600	4,292	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,899
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,429	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,747	4,600	4,600	2,193	3,021	3,467	1,218	912	1,664	4,510	4,600	3,683
1960	Dry	3,554	3,402	3,652	3,251	2,231	2,433	800	1,179	1,516	4,050	2,109	4,102
1961	Dry	3,613	4,061	4,600	3,319	2,008	3,299	800	823	370	4,508	3,538	4,600
1962	Below Normal	3,094	3,914	2,981	3,537	3,152	3,822	1,100	800	1,701	4,442	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,433	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,692	3,327
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,211	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,366
1967	Wet	3,993	3,784	3,917	3,747	3,624	4,223	2,037	1,702	4,600	4,600	4,600	4,600
1968	Below Normal	3,949	4,151	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,116	4,600	3,813	4,600	2,714	2,433	4,233	4,600	4,600	4,600	4,053
1970	Wet	4,041	800	4,125	4,600	4,600	3,273	800	800	1,842	3,931	4,600	4,600
1971	Wet	3,278	2,070	3,971	3,325	3,366	3,891	1,057	823	2,648	4,541	4,600	4,350
1972	Below Normal	3,420	2,731	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,073
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,770
1974	Wet	3,098	4,600	4,430	4,241	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,246	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,820	4,600	3,549	4,452	3,191	1,244	800	279	1,564	800	1,563
1977	Critical	2,559	3,663	3,042	2,680	3,723	800	800	800	60	600	4,060	1,352
1978	Above Normal	1,953	1,551	2,809	2,875	4,283	4,464	1,561	1,194	4,204	4,600	4,600	4,600
1979	Below Normal	3,794	4,600	4,600	3,919	4,600	4,600	1,010	1,122	2,755	4,415	4,600	3,502
1980	Above Normal	4,600	4,002	4,600	3,980	1,077	1,716	1,121	998	4,430	4,600	4,600	4,191
1981	Dry	3,273	3,818	4,600	3,422	3,411	2,430	1,319	1,012	1,650	4,600	3,355	3,615
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	3,298	2,116	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,600	3,709	3,391	4,122	4,159	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,244	2,862	2,269	2,785	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,702	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,509	4,600	4,279	2,155	4,600	4,080	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,472	921	4,109	3,303	3,349	2,347	800	800	1,577	3,742	1,896	3,099
1988	Critical	4,460	3,695	3,322	2,381	800	800	1,055	800	331	2,896	4,600	1,975
1989	Dry	2,507	3,326	2,821	3,179	1,200	1,208	1,231	800	2,359	3,958	2,757	3,297
1990	Critical	2,758	3,108	3,181	3,096	2,352	1,012	800	848	222	3,167	2,354	2,708
1991	Critical	3,039	3,003	2,652	1,508	1,697	1,295	1,077	819	1,099	2,813	2,463	2,241
1992	Critical	2,864	2,837	2,340	1,531	1,690	2,389	800	800	1,473	2,682	4,566	803
1993	Above Normal	2,032	3,002	3,620	3,235	4,117	3,919	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,412	4,600	3,202	3,335	2,302	929	976	237	4,528	3,058	3,069
1995	Wet	2,339	3,756	3,623	3,011	3,630	4,600	1,627	2,543	4,600	4,600	4,600	4,600
1996	Wet	2,467	4,349	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	2,898	4,600	4,600	4,600	4,600	3,634	864	800	4,528	4,220	4,600	4,600
1998	Wet	2,916	2,168	4,600	3,013	4,600	4,600	1,889	1,862	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,568
2000	Above Normal	2,676	4,600	3,869	2,262	4,600	4,600	891	800	3,213	2,734	4,600	4,600
2001	Dry	3,081	4,600	4,117	3,460	3,033	2,895	1,026	800	1,616	4,600	2,400	3,189
2002	Dry	4,035	3,351	3,931	2,670	2,606	2,592	836	800	1,675	4,600	4,600	4,158
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,883

Change in Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	0	0	-49	-11	0	0	0	-15	0	-11	0
1924	Critical	0	-1	0	0	0	0	0	2	0	0	0	4
1925	Dry	4	-3	-1	0	0	-2	0	0	3	0	2	2
1926	Dry	1	1	-1	0	0	-1	0	0	-4	0	-11	-1
1927	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	1	-1	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	0	0	0	0	0	0	0	0	0	1
1930	Dry	1	1	0	0	0	-1	0	0	-1	-2	0	0
1931	Critical	0	1	-1	0	1	1	0	0	0	0	0	1
1932	Dry	2	-4	0	0	-6	-94	0	0	0	0	5	0
1933	Critical	0	0	78	-1	-1	0	0	0	0	0	0	4
1934	Critical	5	2	-13	0	0	-8	0	0	0	0	-189	10
1935	Below Normal	-12	1	0	170	-2	0	0	0	0	0	1	2
1936	Below Normal	2	3	414	-423	168	105	0	0	0	-2	1	0
1937	Below Normal	2	2	-2	-9	-1	1,079	-1	-101	-54	-7	0	0
1938	Wet	-2	0	696	213	-1	902	-412	-1,586	0	0	0	0
1939	Dry	48	9	103	0	-5	0	-62	0	-1	88	-34	-144
1940	Above Normal	127	1	-45	6	0	0	0	0	0	-10	0	119
1941	Wet	3	186	0	0	0	0	0	0	0	0	0	-2
1942	Wet	63	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	-1	0	0	0	0	0	0	0	432	0	0	0
1944	Dry	-104	-66	1	0	0	0	0	0	121	-77	5	7
1945	Below Normal	2	0	0	0	-270	504	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	122	0	0	-132	0	0	128
1947	Dry	0	0	0	1	0	0	0	0	0	0	79	-5
1948	Below Normal	-1	0	1	0	-1	0	0	0	0	-4	1	0
1949	Dry	0	0	-23	0	0	0	0	0	0	0	-1	0
1950	Below Normal	1	0	1	0	0	0	0	0	0	-1	0	0
1951	Above Normal	0	0	0	-6	375	0	0	0	0	-1	0	0
1952	Wet	0	2	0	0	4	0	-66	-123	0	0	0	0
1953	Wet	-2	708	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-66	-2	0	0	0	0	0	0	-10	0	0
1955	Dry	-23	37	0	0	23	0	0	0	0	0	-39	-2
1956	Wet	6	1	0	0	520	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-54	0	0	0	0	0
1959	Below Normal	15	795	0	0	0	-1	0	0	0	-5	0	66
1960	Dry	1	-24	-2	0	0	0	0	0	0	0	-7	-4
1961	Dry	-11	1	0	0	0	0	0	0	0	0	-4	0
1962	Below Normal	5	2	-2	0	0	0	0	0	0	2	0	0
1963	Wet	0	0	0	0	0	0	0	0	-9	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	1	1
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-4
1967	Wet	0	0	0	0	0	0	-77	-86	0	0	0	110
1968	Below Normal	-2	1,976	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	-2	0	-417	0	724	-301	291	0	0	0	230
1970	Wet	-28	0	0	0	0	-157	0	0	0	3	0	0
1971	Wet	-1	-30	0	0	0	0	0	0	0	-10	0	-1
1972	Below Normal	0	5	0	0	0	0	0	0	0	0	0	2
1973	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	367
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	17	0	1	0	0	0	0	0	-11	0	-1
1977	Critical	13	-1	-1	2	-6	0	0	0	0	0	-63	-1
1978	Above Normal	26	1	-4	0	-317	-136	-158	-267	-200	0	0	42
1979	Below Normal	20	1,605	22	4	0	0	0	0	-10	-185	0	-2
1980	Above Normal	0	528	0	-620	-1,984	2	0	0	0	0	0	743
1981	Dry	35	-38	0	0	0	0	0	0	0	0	-50	-13
1982	Wet	0	0	0	0	0	0	331	-298	0	0	0	0
1983	Wet	0	0	0	137	1,400	1,400	1,400	226	0	0	0	0
1984	Wet	0	-262	1,400	296	20	0	0	0	0	0	0	0
1985	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	1	0	0	0	0	307	0	0	0	0	0	0
1987	Dry	-2	121	-3	0	0	0	0	0	-53	66	180	-6
1988	Critical	-2	0	0	0	0	0	0	0	0	-4	0	1
1989	Dry	4	-5	1	0	-1	0	0	0	0	-1	13	-78
1990	Critical	0	1	-5	0	-1	0	0	0	0	0	-1,025	1,043
1991	Critical	-51	-4	11	-4	0	0	0	0	2	1	32	0
1992	Critical	-6	31	-3	-27	0	0	0	0	511	-539	-8	-11
1993	Above Normal	-4	1	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-19	0	0	0	0	0	0	0	0	-4	4
1995	Wet	2	-2	2	0	0	0	-184	-1,814	0	0	0	0
1996	Wet	-2	2,484	0	0	0	0	0	0	0	0	0	0
1997	Wet	-110	0	0	0	0	50	0	0	0	-104	0	0
1998	Wet	7	-7	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	1
2000	Above Normal	4	0	3	0	0	0	0	0	0	3	0	0
2001	Dry	-3	0	46	0	0	0	0	0	0	0	-35	1
2002	Dry	0	1	0	0	-1	0	0	0	0	0	0	-13
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-3

Percent Change in Simulated Exports Through Jones Pumping Plant (Node D418)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	-5%	0%
1935	Below Normal	-1%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	10%	-24%	23%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	175%	0%	-9%	-6%	0%	0%	0%
1938	Wet	0%	0%	18%	26%	0%	45%	-16%	-38%	0%	0%	0%	0%
1939	Dry	1%	1%	2%	0%	0%	0%	-7%	0%	0%	2%	-1%	-4%
1940	Above Normal	4%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1941	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%
1944	Dry	-3%	-2%	0%	0%	0%	0%	0%	0%	7%	-2%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	-5%	0%	0%	3%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%
1953	Wet	0%	18%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-2%	0%
1956	Wet	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	0%	0%	0%	2%
1968	Below Normal	0%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	0%	36%	-11%	7%	0%	0%	0%	6%
1970	Wet	-1%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1978	Above Normal	1%	0%	0%	0%	-7%	-3%	-9%	-18%	-5%	0%	0%	1%
1979	Below Normal	1%	54%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1980	Above Normal	0%	15%	0%	-13%	-65%	0%	0%	0%	0%	0%	0%	22%
1981	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	11%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	3%	61%	70%	51%	6%	0%	0%	0%	0%
1984	Wet	0%	-10%	96%	15%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	15%	0%	0%	0%	0%	0%	0%	-3%	2%	11%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-30%	63%
1991	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	53%	-17%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-10%	-42%	0%	0%	0%	0%
1996	Wet	0%	133%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-4%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Banks Pumping Plant (Node D419)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,199	4,509	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,424	4,284	3,705	4,239	2,902	1,119	700	2,386	7,005	7,180	6,680
1924	Critical	3,967	2,377	2,619	2,643	2,103	300	300	489	274	4,825	300	517
1925	Dry	2,397	2,988	3,841	3,218	2,331	4,056	1,198	954	1,712	7,180	4,753	6,680
1926	Dry	2,744	2,428	2,875	3,219	1,726	300	1,226	862	2,630	6,915	3,703	4,213
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,645
1928	Above Normal	3,155	3,634	7,117	3,460	2,170	3,947	1,110	700	2,558	6,615	6,748	6,680
1929	Critical	3,527	2,568	4,914	3,295	3,282	2,885	1,690	300	300	300	719	729
1930	Dry	1,057	1,188	3,159	2,407	2,505	2,997	1,414	1,185	2,107	6,915	4,564	6,680
1931	Critical	1,621	1,565	1,434	3,265	2,314	963	300	300	300	3,025	300	396
1932	Dry	930	1,732	7,170	3,415	6,430	3,973	741	700	1,788	4,418	4,910	2,770
1933	Critical	1,983	1,702	3,343	5,896	5,565	1,710	879	700	300	3,061	1,215	766
1934	Critical	992	1,531	4,639	5,942	4,404	1,712	300	704	300	503	323	510
1935	Below Normal	2,275	3,050	4,029	4,061	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,632	3,298	4,082	2,572	8,437	7,205	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,398	2,664	6,699	4,508	8,103	6,111	1,578	1,096	4,912	7,005	7,180	4,107
1938	Wet	3,822	6,680	5,731	7,401	8,500	7,561	2,537	6,177	6,680	7,005	7,180	6,382
1939	Dry	3,818	1,759	7,112	3,409	2,997	1,765	968	1,075	300	6,829	4,657	4,460
1940	Above Normal	1,217	948	3,495	2,598	3,311	5,359	1,311	701	2,744	6,525	6,680	6,680
1941	Wet	3,108	2,169	4,191	3,969	8,500	7,561	1,599	1,350	4,002	7,005	7,180	6,056
1942	Wet	3,381	1,453	4,235	4,639	5,107	4,955	1,430	1,220	3,981	7,005	7,180	6,113
1943	Wet	3,700	2,237	4,033	5,165	5,980	7,561	1,422	795	2,897	6,664	7,180	6,369
1944	Dry	3,304	1,335	7,124	3,405	3,680	2,425	1,056	700	1,988	6,915	4,993	2,443
1945	Below Normal	2,053	6,680	3,813	3,431	3,899	6,693	1,041	700	2,067	6,901	7,180	6,680
1946	Below Normal	6,092	6,680	5,535	4,043	3,091	4,084	842	700	1,377	6,823	6,893	6,680
1947	Dry	5,478	4,012	4,681	3,026	3,519	1,333	900	700	1,687	6,929	5,006	6,930
1948	Below Normal	4,096	3,543	2,421	2,030	384	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,549	2,627	4,281	3,222	3,319	1,930	700	700	1,733	6,915	4,859	7,020
1950	Below Normal	984	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,678	7,129	6,709	6,659	962	700	2,694	5,993	6,680	6,555
1952	Wet	3,407	4,968	3,931	4,751	3,889	7,561	1,688	2,115	5,886	6,680	7,180	6,680
1953	Wet	3,341	1,882	7,119	3,176	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,342	918	4,213	2,081	2,499	3,446	937	700	2,621	6,220	7,030	6,680
1955	Dry	3,134	3,882	7,042	3,587	3,068	2,346	945	700	300	6,929	4,341	3,082
1956	Wet	1,920	3,942	5,985	8,500	6,753	6,792	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,628	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,507	3,526	3,699	2,556	4,080	7,126	2,483	1,739	5,219	7,005	7,180	6,680
1959	Below Normal	3,731	2,417	7,093	2,193	3,021	3,520	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,430	2,210	1,979	3,251	2,231	2,433	561	1,179	1,516	6,915	6,155	6,930
1961	Dry	1,348	4,061	7,005	3,319	2,008	3,299	877	823	61	7,077	2,944	2,840
1962	Below Normal	333	2,697	2,983	2,579	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,019	7,005	7,180	6,680
1964	Dry	3,508	5,407	5,178	3,387	2,702	2,166	802	700	300	6,915	3,954	6,930
1965	Wet	2,670	3,165	4,009	5,253	4,388	4,555	1,268	700	2,855	7,005	7,180	6,532
1966	Below Normal	3,210	5,417	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,785	3,784	3,917	3,747	3,624	4,223	2,114	1,787	6,680	6,970	7,180	6,680
1968	Below Normal	3,951	2,342	7,059	3,412	2,271	3,473	1,176	965	1,661	6,789	6,930	6,930
1969	Wet	3,411	4,118	7,061	4,230	7,397	4,465	4,893	5,754	6,680	6,680	6,680	6,257
1970	Wet	4,069	2,359	4,125	8,500	5,361	6,373	797	700	1,842	7,115	7,030	4,671
1971	Wet	3,279	6,506	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,419	393	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,956	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,349	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,247	2,504	7,148	3,378	3,152	5,586	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,654	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,362	6,881
1977	Critical	2,171	1,475	1,166	1,692	803	309	300	598	60	499	300	1,403
1978	Above Normal	300	1,958	2,813	2,875	4,872	4,948	1,719	1,461	4,404	7,005	7,180	6,680
1979	Below Normal	3,774	3,048	6,913	3,915	5,221	4,809	1,010	1,122	2,765	7,005	7,180	6,680
1980	Above Normal	5,665	3,475	7,086	4,960	4,665	4,630	1,121	998	4,430	7,005	7,180	6,680
1981	Dry	3,620	2,084	7,087	3,421	3,411	2,430	1,319	1,012	1,650	6,929	6,280	5,489
1982	Wet	2,801	6,680	3,688	3,763	7,945	7,561	6,125	2,414	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	3,812	3,716	3,865	4,375	4,356	6,680	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,532	6,616	6,659	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,919	6,779
1986	Wet	4,244	5,422	4,279	2,155	7,985	5,003	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	616	1,772	1,630	1,481	876	2,201
1988	Critical	361	883	3,322	2,381	867	1,661	1,055	936	300	4,186	312	1,176
1989	Dry	300	3,331	2,820	3,179	1,111	1,208	1,231	925	2,359	6,915	4,401	7,160
1990	Critical	4,037	2,395	4,686	3,096	2,316	1,012	300	848	222	6,758	550	1,788
1991	Critical	300	795	987	641	1,404	1,295	1,077	819	2,065	5,759	358	608
1992	Critical	944	300	1,713	1,122	1,690	2,389	700	700	1,983	920	300	2,106
1993	Above Normal	300	516	3,620	3,235	4,117	3,921	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	968	6,551	3,202	3,335	2,302	929	976	237	6,977	3,991	3,222
1995	Wet	623	2,147	3,622	3,011	3,630	7,561	1,811	6,177	5,997	6,680	7,180	6,680
1996	Wet	2,469	1,401	3,703	2,835	7,720	6,570	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,974	1,762	7,678	8,500	8,500	7,202	864	784	1,630	6,071	7,030	6,680
1998	Wet	2,909	2,433	7,063	3,013	8,500	7,561	2,015	1,958	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,567
2000	Above Normal	2,609	631	7,004	2,262	5,400	5,654	891	700	2,681	6,489	7,030	6,680
2001	Dry	3,084	1,174	7,088	3,460	3,033	2,895	1,026	715	1,616	4,898	606	3,277
2002	Dry	300	3,350	3,931	2,670	3,937	2,592	836	700	1,675	6,929	2,738	6,143
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,959	7,180	6,680

Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,200	4,507	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,428	4,284	3,656	4,228	2,902	1,119	700	2,401	7,005	7,180	6,680
1924	Critical	3,955	2,377	2,619	2,643	2,103	300	300	480	274	4,826	300	513
1925	Dry	2,393	2,986	3,840	3,218	2,331	4,057	1,198	954	1,709	7,180	4,759	6,680
1926	Dry	2,746	2,430	2,874	3,219	1,726	300	1,226	862	2,634	6,915	3,712	4,194
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,644
1928	Above Normal	3,155	3,633	7,117	3,460	2,170	3,947	1,110	700	2,558	6,614	6,748	6,680
1929	Critical	3,527	2,567	4,912	3,295	3,282	2,885	1,690	300	300	300	719	728
1930	Dry	1,057	1,187	3,159	2,407	2,505	2,998	1,414	1,185	2,109	6,915	4,563	6,680
1931	Critical	1,621	1,564	1,433	3,265	2,314	963	300	300	300	3,017	300	395
1932	Dry	928	1,731	7,170	3,415	6,434	4,058	741	700	1,788	4,417	4,911	2,770
1933	Critical	1,982	1,701	3,258	5,897	5,565	1,710	879	700	300	3,047	1,209	761
1934	Critical	989	1,528	7,039	5,943	4,404	1,714	300	300	300	501	326	508
1935	Below Normal	2,294	3,051	4,025	3,891	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,453	3,295	3,745	2,996	8,437	7,100	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,395	2,662	6,701	4,517	8,088	6,111	1,298	995	4,966	7,005	7,180	4,105
1938	Wet	3,743	6,680	5,035	7,131	8,500	7,561	2,124	2,536	6,528	7,005	7,180	6,381
1939	Dry	3,866	1,758	7,112	3,409	2,998	1,765	1,638	1,074	300	6,829	4,588	3,926
1940	Above Normal	1,316	944	3,493	2,604	3,311	5,359	1,311	701	2,744	6,521	6,680	6,680
1941	Wet	3,111	2,206	4,191	3,969	8,364	7,561	1,599	1,350	4,002	7,005	7,180	6,055
1942	Wet	3,444	1,741	4,235	4,636	5,024	4,955	1,430	1,220	3,981	7,005	7,180	6,112
1943	Wet	3,699	2,209	4,033	4,813	6,006	7,561	1,422	795	2,466	6,829	7,180	6,329
1944	Dry	3,201	1,536	7,124	3,405	3,680	2,425	1,056	700	1,868	6,915	5,055	2,448
1945	Below Normal	2,051	6,680	3,813	3,431	3,629	6,189	1,041	700	2,066	6,901	7,180	6,680
1946	Below Normal	6,074	6,680	5,535	4,043	3,091	3,962	842	700	1,509	6,823	6,893	6,680
1947	Dry	5,424	4,012	4,684	3,025	3,519	1,333	900	700	1,687	6,929	4,980	6,930
1948	Below Normal	4,007	3,543	2,423	2,030	407	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,551	2,611	4,258	3,222	3,319	1,930	700	700	1,733	6,915	4,851	7,020
1950	Below Normal	983	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,043	7,758	6,706	6,659	962	700	2,694	5,992	6,680	6,592
1952	Wet	3,407	4,967	3,931	4,681	3,893	7,561	1,622	1,992	5,403	6,680	7,180	6,680
1953	Wet	3,339	3,098	7,119	2,724	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,310	909	4,506	2,081	2,499	3,446	937	700	2,621	6,219	7,030	6,680
1955	Dry	3,111	3,869	7,042	3,587	3,058	2,346	945	700	300	6,929	4,376	3,352
1956	Wet	1,627	3,940	5,188	8,500	6,841	6,864	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,627	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,506	3,524	3,699	2,556	4,080	7,126	2,429	1,739	5,218	7,005	7,180	6,680
1959	Below Normal	3,747	3,103	7,093	2,193	3,021	3,518	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,451	2,210	1,979	3,251	2,231	2,433	563	1,179	1,516	6,915	6,163	6,930
1961	Dry	1,345	4,061	7,005	3,319	2,008	3,299	877	823	62	7,077	2,938	2,839
1962	Below Normal	332	2,695	2,981	2,578	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,028	7,005	7,180	6,680
1964	Dry	3,509	5,399	5,178	3,387	2,702	2,165	802	700	300	6,915	3,955	6,930
1965	Wet	2,666	3,165	4,009	5,247	4,388	4,555	1,268	700	2,855	7,005	7,180	6,534
1966	Below Normal	3,211	5,340	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,784	3,784	3,917	3,747	3,624	4,223	2,037	1,702	6,565	6,970	7,180	6,680
1968	Below Normal	3,949	2,157	7,059	3,412	2,271	3,473	1,176	965	1,661	6,788	6,930	6,930
1969	Wet	3,422	4,116	7,061	3,813	8,381	4,464	2,433	6,177	6,680	7,005	7,180	6,334
1970	Wet	4,041	2,289	4,125	8,500	5,361	6,504	797	700	1,842	7,115	7,030	4,856
1971	Wet	3,278	6,505	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,420	397	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,957	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,241	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,246	2,389	7,148	3,378	3,152	5,569	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,663	7,065	3,026	2,243	2,694	1,244	1,116	279	6,977	4,371	6,881
1977	Critical	2,158	1,474	1,166	1,689	802	309	300	596	60	498	300	1,404
1978	Above Normal	300	1,956	2,809	2,875	4,283	4,464	1,561	1,194	4,204	7,005	7,180	6,680
1979	Below Normal	3,794	4,165	5,766	3,919	5,155	4,722	1,010	1,122	2,773	7,005	7,180	6,680
1980	Above Normal	5,290	4,002	7,086	4,471	4,823	4,647	1,121	998	4,430	7,005	7,180	5,542
1981	Dry	3,597	2,105	7,087	3,422	3,411	2,430	1,319	1,012	1,650	6,929	6,454	5,592
1982	Wet	2,856	6,680	3,688	3,763	7,945	7,561	6,125	2,116	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	6,228	3,812	3,629	4,069	3,751	6,190	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,233	6,308	6,580	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,918	6,779
1986	Wet	4,244	5,422	4,279	2,155	6,197	6,103	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	617	1,772	1,683	1,476	889	2,198
1988	Critical	363	883	3,322	2,381	867	1,662	1,055	936	300	4,130	312	1,176
1989	Dry	300	3,326	2,821	3,179	1,111	1,208	1,231	925	2,359	6,915	4,324	7,160
1990	Critical	4,048	2,394	4,685	3,096	2,315	1,012	300	848	222	6,758	550	1,812
1991	Critical	300	799	981	624	1,404	1,295	1,077	819	2,062	5,766	358	606
1992	Critical	938	300	1,710	1,099	1,690	2,389	700	700	1,473	1,403	300	2,102
1993	Above Normal	300	515	3,620	3,235	4,117	3,919	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	957	6,613	3,202	3,335	2,302	929	976	237	6,977	3,974	3,220
1995	Wet	617	2,145	3,623	3,011	3,630	7,561	1,627	2,543	5,895	6,680	7,180	6,680
1996	Wet	2,467	1,278	3,703	2,835	7,720	6,485	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,898	1,725	7,678	8,500	8,500	7,151	864	784	1,575	6,105	7,030	6,680
1998	Wet	2,916	2,423	7,063	3,013	8,500	7,561	1,889	1,862	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,568
2000	Above Normal	2,614	639	7,004	2,262	5,281	5,607	891	700	2,680	6,490	7,030	6,680
2001	Dry	3,081	1,173	6,997	3,460	3,033	2,895	1,026	715	1,616	4,980	606	3,276
2002	Dry	300	3,351	3,931	2,670	3,936	2,592	836	700	1,675	6,929	2,699	6,222
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,960	7,180	6,680

Change in Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	4	0	-49	-11	0	0	0	15	0	0	0
1924	Critical	-12	0	0	0	0	0	0	-9	0	1	0	-4
1925	Dry	-4	-2	-1	0	0	2	0	0	-3	0	5	0
1926	Dry	2	2	-1	0	0	0	0	0	4	0	9	-19
1927	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	-1	0	0	0	0	0	0	0	0	-1
1930	Dry	-1	-1	0	0	0	1	0	0	1	0	-1	0
1931	Critical	0	-1	-1	0	-1	-1	0	0	0	-8	0	-1
1932	Dry	-2	-1	0	0	4	86	0	0	0	-2	0	0
1933	Critical	0	0	-85	1	1	0	0	0	0	-15	-6	-4
1934	Critical	-2	-3	2,400	0	0	2	0	-404	0	-2	2	-2
1935	Below Normal	19	1	-4	-170	0	0	0	0	0	0	0	0
1936	Below Normal	-179	-3	-337	423	0	-105	0	0	0	0	0	0
1937	Below Normal	-2	-2	2	9	-15	0	-280	-101	54	0	0	-1
1938	Wet	-79	0	-696	-270	0	0	-412	-3,641	-152	0	0	-1
1939	Dry	48	-1	0	0	1	0	671	-1	0	0	-70	-533
1940	Above Normal	99	-4	-2	6	0	0	0	0	0	-3	0	0
1941	Wet	3	37	0	0	-136	0	0	0	0	0	0	-1
1942	Wet	63	288	0	-3	-83	0	0	0	0	0	0	-1
1943	Wet	-1	-28	0	-352	26	0	0	0	-431	164	0	-40
1944	Dry	-104	201	0	0	0	0	0	0	-120	0	63	5
1945	Below Normal	-2	0	0	0	-270	-504	0	0	0	0	0	0
1946	Below Normal	-18	0	0	0	0	-122	0	0	132	0	0	0
1947	Dry	-54	0	3	-1	0	0	0	0	0	0	-26	0
1948	Below Normal	-89	0	2	0	23	0	0	0	0	0	0	0
1949	Dry	2	-16	-23	0	0	0	0	0	0	0	-8	0
1950	Below Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-635	629	-3	1	0	0	0	0	0	36
1952	Wet	0	-1	0	-70	4	0	-66	-123	-483	0	0	0
1953	Wet	-2	1,215	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-9	292	0	0	0	0	0	0	-2	0	0
1955	Dry	-23	-13	0	0	-10	0	0	0	0	0	36	269
1956	Wet	-293	-1	-796	0	88	72	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-2	-1	0	0	0	0	-54	0	-1	0	0	0
1959	Below Normal	15	685	0	0	0	-1	0	0	0	0	0	0
1960	Dry	21	0	0	0	0	0	2	0	0	0	7	0
1961	Dry	-2	1	0	0	0	0	0	0	0	0	-6	-1
1962	Below Normal	-1	-2	-2	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	9	0	0	0
1964	Dry	0	-8	0	0	0	0	0	0	0	0	1	0
1965	Wet	-4	0	0	-6	0	0	0	0	0	0	0	2
1966	Below Normal	1	-77	0	0	0	0	0	0	0	0	0	0
1967	Wet	-1	0	0	0	0	0	-77	-86	-115	0	0	0
1968	Below Normal	-2	-185	0	0	0	0	0	0	0	0	0	0
1969	Wet	11	-2	0	-417	984	-2	-2,460	423	0	325	500	77
1970	Wet	-28	-70	0	0	0	131	0	0	0	0	0	185
1971	Wet	-1	-1	0	0	0	0	0	0	0	0	0	1
1972	Below Normal	0	4	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	0	-115	0	0	0	-17	0	0	0	0	0	0
1976	Critical	0	9	0	-1	0	0	0	0	0	0	9	0
1977	Critical	-12	-1	0	-2	0	0	0	-2	0	-1	0	1
1978	Above Normal	0	-1	-4	0	-589	-483	-158	-267	-200	0	0	0
1979	Below Normal	20	1,117	-1,146	4	-66	-88	0	0	9	0	0	0
1980	Above Normal	-375	528	0	-489	157	18	0	0	0	0	0	-1,138
1981	Dry	-23	21	0	0	0	0	0	0	0	0	174	103
1982	Wet	55	0	0	0	0	0	0	-298	0	0	0	0
1983	Wet	0	0	0	2,416	96	-237	-306	-605	-490	0	0	0
1984	Wet	0	0	0	-299	-308	-79	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-1,788	1,100	0	0	0	0	0	0
1987	Dry	-1	0	0	0	0	0	1	0	53	-5	13	-3
1988	Critical	2	0	0	0	0	0	0	0	0	-56	0	0
1989	Dry	0	-5	1	0	-1	0	0	0	0	0	-77	0
1990	Critical	10	-1	-1	0	-1	0	0	0	0	0	0	24
1991	Critical	0	4	-7	-17	0	0	0	0	-2	7	0	-1
1992	Critical	-6	0	-3	-22	0	0	0	0	-511	483	0	-4
1993	Above Normal	0	-1	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-11	62	0	0	0	0	0	0	0	-17	-1
1995	Wet	-6	-2	2	0	0	0	-184	-3,634	-103	0	0	0
1996	Wet	-2	-122	0	0	0	-84	0	0	0	0	0	0
1997	Wet	-76	-37	0	0	0	-50	0	0	-56	34	0	0
1998	Wet	7	-10	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	1
2000	Above Normal	4	8	0	0	-119	-47	0	0	0	0	0	0
2001	Dry	-3	-2	-91	0	0	0	0	0	0	82	0	-1
2002	Dry	0	1	0	0	-1	0	0	0	0	0	-39	79
2003	Above Normal	0	0	0	0	0	0	0	0	0	1	0	0

Percent Change in Simulated Exports Through Banks Pumping Plant (Node D419)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1934	Critical	0%	0%	52%	0%	0%	0%	0%	-57%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-4%	0%	-8%	16%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-18%	-9%	1%	0%	0%	0%
1938	Wet	-2%	0%	-12%	-4%	0%	0%	-16%	-59%	-2%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	-2%	-12%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	20%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	-7%	0%	0%	0%	0%	-15%	2%	0%	-1%
1944	Dry	-3%	15%	0%	0%	0%	0%	0%	0%	-6%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	10%	0%	0%	0%
1947	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-2%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-8%	9%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	-1%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Wet	0%	65%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	9%
1956	Wet	-15%	0%	-13%	0%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-2%	0%	0%	0%
1968	Below Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	13%	0%	-50%	7%	0%	5%	7%	1%
1970	Wet	-1%	-3%	0%	0%	0%	2%	0%	0%	0%	0%	0%	4%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-12%	-10%	-9%	-18%	-5%	0%	0%	0%
1979	Below Normal	1%	37%	-17%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	15%	0%	-10%	3%	0%	0%	0%	0%	0%	0%	-17%
1981	Dry	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	63%	3%	-6%	-7%	-14%	-7%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-1%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-22%	22%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	1%	0%
1988	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1991	Critical	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	0%	0%	-2%	0%	0%	0%	0%	-26%	53%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1996	Wet	0%	-9%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-3%	-2%	0%	0%	0%	-1%	0%	0%	-3%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	1%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Delta Outflow (Node C406)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,238	12,796	38,493	27,421	29,791	56,030	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,287	28,876	15,652	9,649	28,865	17,891	6,918	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,289	9,613	6,604	4,000	4,000	4,064	4,702	3,000
1925	Dry	3,000	4,499	8,069	8,413	70,480	13,334	29,946	17,167	5,556	5,000	4,541	3,917
1926	Dry	4,000	4,500	4,500	14,261	44,642	12,758	27,640	9,923	5,469	5,083	3,762	3,000
1927	Wet	4,000	14,276	14,559	32,187	123,455	41,498	54,127	27,010	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,871	20,990	22,916	81,797	28,751	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,798	12,284	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,645	18,850	16,248	30,227	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,418	8,326	7,656	7,817	4,999	4,000	4,000	4,120	3,000
1932	Dry	3,000	3,500	14,358	17,218	14,908	10,392	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,837	7,724	13,495	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,486	3,500	11,203	14,681	14,299	10,625	9,673	7,031	7,100	4,000	3,282	3,000
1935	Below Normal	3,000	6,795	3,837	29,115	10,276	27,341	55,231	20,843	8,041	6,500	4,000	3,915
1936	Below Normal	4,000	4,500	4,500	40,926	78,111	32,407	28,636	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,258	46,178	49,537	29,620	18,978	11,040	6,500	4,000	3,000
1938	Wet	4,000	16,989	65,217	28,405	138,199	166,841	78,939	67,966	37,736	8,000	4,000	20,625
1939	Dry	7,500	13,789	4,965	7,080	8,210	10,237	9,673	9,318	5,731	5,055	3,717	3,000
1940	Above Normal	4,844	4,500	4,500	34,522	65,731	109,337	73,361	18,160	6,166	10,075	4,000	11,563
1941	Wet	5,938	10,625	36,219	97,169	116,505	89,315	79,272	47,732	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,733	78,171	136,462	23,909	56,688	40,551	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,961	77,267	54,820	86,119	34,707	19,203	7,461	10,589	4,000	19,375
1944	Dry	7,500	12,549	5,129	11,670	23,546	18,822	12,771	9,909	6,717	5,000	3,764	3,000
1945	Below Normal	4,000	6,194	12,070	9,410	52,184	22,551	17,404	15,016	7,008	6,548	4,018	3,881
1946	Below Normal	4,719	5,520	69,520	46,444	15,036	16,898	18,188	15,640	7,046	6,771	4,000	3,825
1947	Dry	4,000	4,500	8,733	7,767	14,341	20,576	12,657	7,513	7,100	5,000	4,421	3,804
1948	Below Normal	4,000	4,500	4,802	13,021	11,145	13,777	28,400	29,214	14,186	6,500	4,000	4,008
1949	Dry	4,000	4,538	6,730	7,615	8,979	46,185	14,314	11,699	6,753	5,000	4,334	4,214
1950	Below Normal	4,000	4,500	4,500	19,606	35,617	16,460	22,033	15,606	8,867	6,500	4,000	4,269
1951	Above Normal	4,303	44,535	98,832	67,247	70,910	28,642	19,398	18,683	6,172	11,094	4,000	10,938
1952	Wet	6,563	10,313	36,093	82,417	73,282	62,682	75,653	73,707	37,018	11,785	5,995	19,375
1953	Wet	9,063	13,371	28,307	99,225	21,240	17,486	20,246	25,255	20,186	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,702	52,264	44,662	44,475	12,888	7,141	11,573	4,000	11,563
1955	Dry	6,250	10,313	13,736	17,224	9,063	7,967	12,318	10,657	6,707	5,030	4,085	3,000
1956	Wet	4,827	4,500	92,810	162,530	82,477	37,579	23,996	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,559	16,317	39,491	15,197	21,270	6,210	10,585	4,000	11,719
1958	Wet	5,938	10,313	17,288	39,398	150,476	116,136	104,437	53,930	29,873	8,000	5,306	18,750
1959	Below Normal	8,750	13,616	5,111	22,321	47,943	11,856	10,728	9,402	7,100	8,376	4,000	4,594
1960	Dry	4,000	4,500	4,500	9,421	28,661	16,872	12,292	8,729	6,875	5,097	4,345	3,939
1961	Dry	4,000	6,695	8,008	9,815	33,334	13,904	8,860	8,287	7,100	5,324	4,048	3,000
1962	Below Normal	4,934	4,500	11,492	6,000	57,262	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,014	5,497	23,297	16,149	75,167	23,748	98,338	30,011	8,740	10,382	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,944	9,487	7,831	9,904	9,356	7,543	5,000	3,952	3,667
1965	Wet	4,000	10,923	81,625	113,359	32,919	18,087	51,729	20,381	9,533	8,672	4,000	20,000
1966	Below Normal	7,813	15,469	6,985	24,816	20,917	18,141	15,839	9,952	6,422	8,382	4,000	4,214
1967	Wet	4,000	10,038	34,040	50,069	50,515	56,420	58,518	56,320	41,076	13,724	4,000	20,469
1968	Below Normal	7,500	13,849	5,174	21,818	58,545	30,277	11,483	10,741	6,250	8,723	4,000	3,613
1969	Wet	4,000	5,704	14,816	119,778	132,110	64,541	59,212	63,387	34,265	8,000	4,000	22,188
1970	Wet	7,031	14,641	46,615	207,434	75,447	36,364	14,486	13,717	7,681	10,858	4,000	18,438
1971	Wet	8,438	15,313	49,202	47,919	18,823	39,435	26,678	30,081	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,772	11,945	15,528	26,115	12,501	9,803	6,593	8,793	4,000	4,402
1973	Above Normal	4,000	11,966	21,389	80,077	86,530	54,702	20,054	18,923	9,383	8,503	4,000	11,719
1974	Wet	6,250	51,272	62,755	131,618	38,663	107,576	70,264	23,968	15,175	8,000	4,883	19,375
1975	Wet	7,969	14,573	5,373	9,606	55,500	84,561	27,612	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,049	7,101	7,990	9,716	8,748	4,000	4,385	4,236	3,708	3,056
1977	Critical	5,749	3,500	4,575	7,032	7,714	7,239	7,100	4,000	4,212	4,000	3,507	3,000
1978	Above Normal	4,015	3,500	11,539	67,167	51,540	69,260	48,155	25,141	12,947	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,957	21,745	34,084	27,107	19,579	19,724	8,067	6,500	4,013	3,360
1980	Above Normal	4,416	10,212	11,548	103,383	133,289	61,744	23,105	19,136	12,234	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,178	19,429	20,488	19,782	14,364	8,984	7,100	5,000	4,204	3,096
1982	Wet	4,000	28,061	88,444	75,225	99,592	82,034	140,278	47,097	19,992	8,000	4,000	19,375
1983	Wet	13,318	41,736	82,312	106,784	177,975	259,322	89,002	77,088	68,586	33,255	16,248	21,940
1984	Wet	10,671	80,808	156,648	63,522	36,588	34,640	18,464	13,729	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,049	12,162	10,075	11,382	11,601	13,723	9,983	6,719	5,000	4,049	4,457
1986	Wet	4,000	4,731	11,415	22,482	211,684	145,610	27,945	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,900	9,705	15,920	23,042	8,956	7,632	7,100	5,000	4,215	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,098	3,000
1989	Dry	3,873	4,273	5,749	7,859	8,636	48,549	20,006	10,915	5,938	5,233	3,907	4,340
1990	Critical	4,000	4,500	4,737	14,811	11,400	11,075	9,753	6,610	4,000	4,121	4,136	3,000
1991	Critical	3,493	3,500	4,328	6,689	7,773	33,979	10,568	5,145	4,000	4,364	4,365	3,000
1992	Critical	3,163	4,106	3,500	9,483	33,269	16,741	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,512	3,500	8,404	63,426	55,595	39,233	42,002	31,051	22,332	8,000	4,000	12,500
1994	Critical	6,250	10,625	4,977	9,033	19,477	7,968	10,336	7,657	4,168	4,278	4,295	3,000
1995	Wet	5,052	3,500	9,843	115,053	50,396	211,662	68,974	83,896	39,690	21,741	8,510	14,375
1996	Wet	11,563	12,570	19,544	47,677	123,134	68,106	47,199	48,551	10,734	8,000	4,000	21,250
1997	Wet	7,813	15,625	77,480	278,453	72,044	21,783	19,838	14,405	7,006	11,239	4,000	18,750
1998	Wet	7,813	15,313	9,561	48,182	220,804	81,419	64,477	58,962	73,263	27,877	11,571	18,905
1999	Wet	8,709	20,215	30,420	40,127	92,457	60,057	30,712	21,329	10,868	8,265	4,000	20,000
2000	Above Normal	7,500	15,398	4,620	21,690	109,501	63,179	22,644	18,774	6,226	10,395	4,000	11,719
2001	Dry	5,781	10,469	4,788	13,284	24,300	22,785	12,656	7,942	7,100	5,000	4,501	3,000
2002	Dry	4,000	5,742	27,922	48,728	14,232	17,163	16,823	12,982	4,967	5,000	4,515	3,416
2003	Above Normal	4,000	4,500	37,186	61,218	21,788	18,288	28,703	43,040	7,204	8,428	4,000	12,031

Simulated Delta Outflow (Node C406)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,237	12,796	38,495	27,416	29,791	56,029	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,285	28,784	15,652	9,650	28,857	17,892	6,919	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,288	9,613	6,604	4,000	4,000	4,064	4,703	3,000
1925	Dry	3,000	4,499	8,067	8,410	70,476	13,331	29,944	17,167	5,556	5,000	4,544	3,918
1926	Dry	4,000	4,500	4,500	14,259	44,633	12,758	27,638	9,923	5,469	5,083	3,761	3,000
1927	Wet	4,000	14,273	14,556	32,184	123,436	41,496	54,125	27,008	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,869	20,989	22,914	81,787	28,750	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,796	12,282	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,643	18,848	16,246	30,226	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,417	8,325	7,655	7,817	5,000	4,000	4,000	4,119	3,000
1932	Dry	3,000	3,500	14,351	17,213	14,904	10,469	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,831	7,719	13,491	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,483	3,500	8,807	14,674	14,291	10,625	9,673	7,031	7,100	4,000	3,345	3,000
1935	Below Normal	3,000	6,775	3,829	29,109	10,272	27,336	55,229	20,842	8,041	6,500	4,000	3,916
1936	Below Normal	4,000	4,500	4,500	40,907	78,333	32,399	28,632	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,254	45,359	48,198	28,774	18,373	11,113	6,500	4,000	3,000
1938	Wet	4,000	16,925	65,214	28,347	136,422	164,121	76,462	70,546	36,545	8,000	4,000	20,625
1939	Dry	7,500	13,789	5,020	7,067	8,210	10,244	9,673	9,325	5,763	5,055	3,683	3,000
1940	Above Normal	4,618	4,500	4,500	34,554	65,941	109,361	73,353	18,159	6,166	10,063	4,000	11,563
1941	Wet	5,938	10,625	36,738	97,185	115,348	89,314	79,271	47,731	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,647	78,171	136,384	23,909	56,686	40,549	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,965	76,930	54,843	84,646	34,707	19,207	7,461	10,440	4,000	19,531
1944	Dry	7,500	12,549	5,130	11,666	23,543	18,820	12,771	9,910	6,717	5,000	3,763	3,000
1945	Below Normal	4,000	6,194	12,071	9,411	51,675	22,550	17,405	15,017	7,008	6,548	4,018	3,895
1946	Below Normal	4,710	5,617	69,514	46,447	15,036	16,897	18,190	15,532	7,223	6,663	4,043	3,894
1947	Dry	4,000	4,500	8,728	7,766	14,292	20,430	12,661	7,518	7,100	5,000	4,433	3,802
1948	Below Normal	4,000	4,500	4,797	13,020	11,145	13,776	28,400	29,215	14,162	6,500	4,000	4,008
1949	Dry	4,000	4,500	6,775	7,613	8,978	46,182	14,315	11,700	6,753	5,000	4,332	4,214
1950	Below Normal	4,000	4,500	4,500	19,599	35,615	16,458	22,033	15,606	8,866	6,500	4,000	4,269
1951	Above Normal	4,303	44,506	96,646	65,856	70,536	28,640	19,398	18,683	6,172	11,093	4,000	10,938
1952	Wet	6,563	10,313	36,096	82,351	73,249	62,617	75,256	72,972	36,446	11,811	6,010	19,375
1953	Wet	9,063	13,371	26,885	99,758	21,218	17,467	20,245	25,249	20,178	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,814	52,282	44,289	44,476	12,884	7,134	11,579	4,000	11,563
1955	Dry	6,250	10,313	13,735	17,223	9,063	7,966	12,317	10,657	6,707	5,031	4,084	3,000
1956	Wet	4,920	4,500	92,023	158,886	81,615	37,507	23,995	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,558	16,316	39,487	15,197	21,269	6,210	10,586	4,000	11,719
1958	Wet	5,938	10,313	17,287	39,397	150,476	116,135	104,110	53,928	29,872	8,000	5,304	18,750
1959	Below Normal	8,750	13,616	5,111	21,195	47,640	11,851	10,728	9,403	7,100	8,376	4,000	4,630
1960	Dry	4,000	4,500	4,500	9,418	28,659	16,870	12,292	8,730	6,875	5,097	4,345	3,937
1961	Dry	4,000	6,694	7,917	9,817	33,332	13,903	8,860	8,287	7,100	5,328	4,042	3,000
1962	Below Normal	4,937	4,500	11,480	6,000	57,249	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,008	5,496	23,296	16,149	75,171	23,748	98,337	30,010	8,740	10,383	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,945	9,487	7,830	9,905	9,355	7,543	5,000	3,953	3,668
1965	Wet	4,000	10,922	81,618	113,352	32,918	18,087	51,734	20,381	9,532	8,673	4,000	20,000
1966	Below Normal	7,813	15,469	6,986	24,814	20,915	18,249	15,860	9,951	6,422	8,390	4,000	4,211
1967	Wet	4,000	10,033	34,024	50,069	50,514	56,421	58,054	55,805	40,248	11,892	4,000	20,625
1968	Below Normal	7,500	13,849	5,174	21,725	56,477	30,311	11,482	10,741	6,250	8,720	4,000	3,613
1969	Wet	4,000	5,704	14,814	118,973	127,957	62,210	58,547	59,411	33,099	8,000	4,000	21,875
1970	Wet	7,188	14,641	46,668	207,427	75,447	36,340	14,486	13,717	7,684	10,855	4,000	18,594
1971	Wet	8,438	15,313	49,143	47,919	18,822	39,196	26,677	30,080	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,771	11,944	15,528	26,114	12,501	9,802	6,593	8,793	4,000	4,403
1973	Above Normal	4,000	11,961	21,388	80,077	86,529	54,702	20,054	18,923	9,383	8,497	4,000	11,719
1974	Wet	6,250	50,906	62,755	131,416	38,663	107,576	70,263	23,968	15,174	8,000	4,882	19,375
1975	Wet	7,969	14,573	5,373	9,604	55,525	84,632	27,610	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,050	7,100	7,990	9,716	8,748	4,000	4,385	4,232	3,714	3,055
1977	Critical	5,749	3,500	4,574	7,037	7,714	7,239	7,100	4,000	4,209	4,000	3,526	3,000
1978	Above Normal	3,989	3,500	11,545	67,166	50,689	68,687	47,220	23,550	12,471	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,500	21,798	33,568	27,045	19,624	19,724	8,067	6,500	4,000	3,359
1980	Above Normal	4,219	7,895	11,586	104,079	131,322	60,753	23,103	19,134	12,233	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,189	19,426	20,475	20,298	14,360	8,980	7,100	5,000	4,236	3,135
1982	Wet	4,000	27,506	88,835	75,221	99,591	81,875	137,712	45,308	19,992	8,000	4,000	19,375
1983	Wet	13,309	40,715	79,407	103,229	176,416	257,397	88,001	77,794	69,082	33,231	16,247	21,939
1984	Wet	10,670	80,868	155,216	63,499	36,875	34,716	18,463	13,728	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,040	12,159	10,073	11,381	11,599	13,723	9,983	6,719	5,000	4,050	4,457
1986	Wet	4,000	4,731	11,414	22,481	210,007	140,876	27,944	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,898	9,708	15,920	23,042	8,956	7,632	7,100	5,000	4,168	3,000
1988	Critical	4,000	4,500	13,007	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,095	3,000
1989	Dry	3,869	4,275	5,740	7,852	8,636	48,554	20,007	10,915	5,938	5,233	3,889	4,298
1990	Critical	4,000	4,500	4,745	14,810	11,400	11,074	9,753	6,610	4,000	4,121	4,427	3,000
1991	Critical	3,544	3,500	4,347	6,727	7,787	33,992	10,580	5,158	4,000	4,363	4,357	3,000
1992	Critical	3,175	4,075	3,500	9,529	33,266	16,738	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,506	3,500	8,403	63,425	55,592	39,238	42,007	30,959	22,352	8,000	4,000	12,500
1994	Critical	6,250	10,625	5,010	9,027	19,475	7,967	10,337	7,658	4,169	4,283	4,284	3,000
1995	Wet	5,064	3,500	9,833	114,964	50,359	209,953	67,867	86,734	39,563	19,479	8,515	14,375
1996	Wet	11,563	12,570	19,167	47,549	121,174	68,062	47,191	48,547	10,733	8,000	4,000	21,250
1997	Wet	7,813	15,625	75,683	271,512	70,819	21,781	19,838	14,405	6,903	11,309	4,000	18,750
1998	Wet	7,813	15,313	9,562	48,198	219,388	80,901	63,724	58,389	70,633	24,162	11,569	18,903
1999	Wet	8,771	20,214	30,419	40,126	92,455	60,056	30,711	21,328	10,885	8,255	4,000	20,000
2000	Above Normal	7,500	15,398	4,622	21,684	109,366	63,135	22,644	18,774	6,226	10,390	4,000	11,719
2001	Dry	5,781	10,469	4,764	13,281	24,298	22,783	12,656	7,942	7,100	5,000	4,512	3,000
2002	Dry	4,000	5,736	27,920	48,723	14,232	17,161	16,823	12,982	4,967	5,000	4,501	3,451
2003	Above Normal	4,000	4,500	37,131	61,204	21,787	18,287	28,701	43,038	7,204	8,428	4,000	12,031

Change in Simulated Delta Outflow (Node C406)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	2	-4	0	-1	0	0	0	0
1923	Below Normal	0	0	-2	-92	0	1	-8	1	1	0	0	0
1924	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1925	Dry	0	-1	-2	-3	-3	-3	-3	0	0	0	3	1
1926	Dry	0	0	0	-2	-9	0	-2	0	0	0	0	0
1927	Wet	0	-3	-3	-2	-19	-2	-2	-2	0	0	0	0
1928	Above Normal	0	0	-1	-2	-2	-11	-1	0	0	0	0	0
1929	Critical	0	0	-1	-1	-1	0	0	0	0	0	0	0
1930	Dry	0	0	-2	-2	-2	-1	0	0	0	0	1	0
1931	Critical	0	0	0	-1	-1	-1	0	0	0	0	-1	0
1932	Dry	0	0	-8	-6	-3	77	0	0	0	0	0	0
1933	Critical	0	0	0	-5	-5	-4	0	0	0	0	0	0
1934	Critical	-3	0	-2,396	-7	-8	0	0	0	0	0	62	0
1935	Below Normal	0	-19	-8	-6	-4	-5	-2	-1	0	0	0	1
1936	Below Normal	0	0	0	-18	222	-8	-4	0	0	0	0	0
1937	Below Normal	0	0	0	-4	-819	-1,340	-846	-605	73	0	0	0
1938	Wet	0	-64	-3	-57	-1,776	-2,720	-2,477	2,580	-1,191	0	0	0
1939	Dry	0	0	55	-13	0	7	0	7	33	-1	-34	0
1940	Above Normal	-227	0	0	32	210	24	-9	0	0	-13	0	0
1941	Wet	0	0	519	16	-1,157	-2	0	-1	0	0	0	0
1942	Wet	0	0	-86	0	-78	-1	-2	-2	0	0	0	0
1943	Wet	0	0	4	-337	23	-1,473	0	3	0	-150	0	156
1944	Dry	0	0	1	-4	-3	-2	0	0	0	0	-1	0
1945	Below Normal	0	0	1	1	-509	-1	1	1	0	0	0	14
1946	Below Normal	-10	96	-6	3	0	-1	2	-108	177	-107	43	69
1947	Dry	0	0	-5	0	-49	-147	4	5	0	0	11	-3
1948	Below Normal	0	0	-5	-1	0	-1	0	1	-24	0	0	0
1949	Dry	0	-38	45	-1	-1	-3	1	1	0	0	-2	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-29	-2,186	-1,391	-374	-2	0	0	0	-1	0	0
1952	Wet	0	0	3	-66	-33	-64	-396	-735	-573	26	15	0
1953	Wet	0	0	-1,422	534	-22	-19	-1	-6	-8	0	0	0
1954	Above Normal	0	0	0	111	18	-373	1	-3	-7	7	0	0
1955	Dry	0	0	-1	0	0	-1	0	-1	0	0	-1	0
1956	Wet	93	0	-787	-3,643	-862	-73	-1	-1	0	0	0	0
1957	Above Normal	0	0	0	-1	-1	-4	0	-1	0	0	0	0
1958	Wet	0	0	-1	-1	-1	-1	-327	-2	-2	0	-2	0
1959	Below Normal	0	0	0	-1,126	-302	-5	0	0	0	-1	0	36
1960	Dry	0	0	0	-3	-2	-2	0	1	0	0	0	-2
1961	Dry	0	-1	-90	2	-2	0	0	0	0	4	-5	0
1962	Below Normal	3	0	-12	0	-12	0	0	0	0	1	0	0
1963	Wet	-6	-1	-1	-1	4	-1	-1	-1	0	0	0	0
1964	Dry	0	0	0	1	0	0	1	0	0	0	0	1
1965	Wet	0	-2	-7	-7	-1	1	5	0	0	1	0	0
1966	Below Normal	0	0	1	-2	-1	109	21	0	0	8	0	-2
1967	Wet	0	-5	-17	-1	-1	1	-464	-515	-828	-1,832	0	156
1968	Below Normal	0	0	0	-92	-2,068	35	0	0	0	-3	0	0
1969	Wet	0	1	-2	-805	-4,153	-2,331	-665	-3,976	-1,165	0	0	-313
1970	Wet	156	0	53	-6	0	-23	0	0	3	-3	0	156
1971	Wet	0	0	-59	1	-1	-239	0	-1	-1	0	0	0
1972	Below Normal	0	0	-1	-1	0	-1	0	0	0	-1	0	1
1973	Above Normal	0	-5	-1	-1	-1	0	0	0	0	-6	0	0
1974	Wet	0	-366	0	-201	0	0	-1	-1	-1	0	-1	0
1975	Wet	0	0	0	-2	25	71	-2	0	0	0	0	0
1976	Critical	0	0	0	-1	0	0	0	0	0	-4	5	-1
1977	Critical	0	0	-1	4	0	0	0	0	-3	0	19	0
1978	Above Normal	-26	0	7	-2	-851	-573	-935	-1,591	-476	0	0	0
1979	Below Normal	0	0	-457	53	-516	-62	44	-1	0	0	-13	-1
1980	Above Normal	-197	-2,318	37	696	-1,967	-991	-2	-3	-1	0	0	0
1981	Dry	0	0	11	-4	-13	517	-4	-5	0	0	32	39
1982	Wet	0	-555	391	-4	0	-159	-2,565	-1,789	0	0	0	0
1983	Wet	-10	-1,022	-2,905	-3,556	-1,559	-1,925	-1,001	706	496	-24	-1	-1
1984	Wet	-1	61	-1,432	-23	287	76	-1	0	0	-1	0	0
1985	Dry	0	-9	-2	-2	-2	-1	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	-1,678	-4,734	-1	0	0	0	0	0
1987	Dry	0	0	-2	2	0	0	0	0	0	0	-47	0
1988	Critical	0	0	0	-1	0	0	0	0	0	0	-3	0
1989	Dry	-4	3	-9	-7	0	5	1	0	0	0	-19	-42
1990	Critical	0	0	8	-1	0	-1	0	0	0	0	291	0
1991	Critical	51	0	20	38	13	13	13	13	0	-1	-8	0
1992	Critical	12	-31	0	46	-3	-3	0	0	0	0	0	0
1993	Above Normal	-6	0	-1	-2	-3	5	4	-92	20	0	0	0
1994	Critical	0	0	33	-6	-2	-1	0	1	1	5	-12	0
1995	Wet	12	0	-9	-89	-37	-1,709	-1,107	2,839	-126	-2,262	5	0
1996	Wet	0	0	-377	-128	-1,960	-44	-8	-5	-1	0	0	0
1997	Wet	0	0	-1,797	-6,941	-1,225	-2	0	0	-103	70	0	0
1998	Wet	0	0	0	17	-1,416	-518	-753	-573	-2,630	-3,715	-2	-2
1999	Wet	62	-1	-2	-2	-2	-2	-1	-1	17	-11	0	0
2000	Above Normal	0	0	2	-6	-135	-44	0	0	0	-5	0	0
2001	Dry	0	0	-24	-3	-2	-2	0	0	0	0	11	0
2002	Dry	0	-5	-2	-5	0	-1	0	0	0	0	-14	35
2003	Above Normal	0	0	-56	-14	-1	-1	-1	-1	0	1	0	0

Percent Change in Simulated Delta Outflow (Node C406)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-21%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	-3%	-3%	-3%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	-1%	-2%	-3%	4%	-3%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%	-1%	0%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	-1%	3%	-2%	1%	2%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1953	Wet	0%	0%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	2%	0%	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-13%	0%	1%
1968	Below Normal	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-1%	-3%	-4%	-1%	-6%	-3%	0%	0%	-1%
1970	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1978	Above Normal	-1%	0%	0%	0%	-2%	-1%	-2%	-6%	-4%	0%	0%	0%
1979	Below Normal	0%	0%	-9%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	-23%	0%	1%	-1%	-2%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	0%	-2%	0%	0%	0%	0%	-2%	-4%	0%	0%	0%	0%
1983	Wet	0%	-2%	-4%	-3%	-1%	-1%	-1%	1%	1%	0%	0%	0%
1984	Wet	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1991	Critical	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	-2%	3%	0%	-10%	0%	0%
1996	Wet	0%	0%	-2%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	-2%	-2%	-2%	0%	0%	0%	-1%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-4%	-13%	0%	0%
1999	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	215	233	292	360	439	424	196	276	524	503	342	292
1923	Above Normal	303	333	413	439	439	441	392	468	430	347	229	211
1924	Critical	235	261	275	287	271	273	314	316	233	159	134	159
1925	Below Normal	160	177	207	239	313	292	293	365	360	283	191	182
1926	Dry	207	226	247	262	294	295	382	496	433	277	171	176
1927	Above Normal	180	219	267	307	423	438	349	442	490	402	255	213
1928	Below Normal	233	309	348	378	387	438	450	515	436	277	183	183
1929	Critical	165	158	166	174	168	145	161	244	228	171	142	176
1930	Critical	153	135	138	149	163	147	213	222	239	168	140	175
1931	Critical	158	148	153	162	166	133	184	205	162	131	131	151
1932	Above Normal	155	153	216	287	439	441	325	356	473	424	268	220
1933	Dry	231	255	268	292	282	278	264	193	258	227	164	181
1934	Critical	183	179	213	253	276	314	402	382	284	188	158	169
1935	Above Normal	160	167	195	253	314	281	242	374	508	388	243	209
1936	Above Normal	227	258	275	311	439	479	448	523	501	380	242	205
1937	Wet	213	235	268	300	439	479	358	524	524	421	265	220
1938	Wet	238	266	428	439	429	479	362	307	524	524	422	346
1939	Dry	357	374	394	434	439	478	523	505	387	251	158	168
1940	Above Normal	183	177	179	294	387	449	389	523	504	336	180	156
1941	Wet	166	188	274	383	439	479	348	364	463	475	324	243
1942	Wet	247	271	351	439	439	466	402	354	466	442	287	229
1943	Wet	241	295	336	412	439	479	456	523	496	379	244	210
1944	Below Normal	217	243	262	289	301	310	260	323	319	251	177	184
1945	Above Normal	199	246	299	338	439	458	346	416	470	406	265	226
1946	Above Normal	273	354	439	439	439	453	417	524	494	360	225	201
1947	Dry	226	296	379	424	439	466	456	521	417	266	172	180
1948	Below Normal	177	178	184	193	185	131	136	225	292	216	165	189
1949	Below Normal	194	192	210	227	236	211	239	336	355	234	160	176
1950	Below Normal	193	202	218	256	320	298	338	410	398	278	175	181
1951	Above Normal	202	357	381	439	439	456	378	380	347	256	178	184
1952	Wet	192	198	261	398	439	397	291	485	524	521	408	343
1953	Below Normal	336	341	373	439	439	442	415	369	314	269	187	189
1954	Below Normal	189	191	204	230	264	275	316	440	410	294	191	178
1955	Dry	192	206	236	273	299	284	240	258	316	226	165	179
1956	Wet	181	180	351	351	439	479	392	388	446	412	289	240
1957	Below Normal	265	294	312	344	367	364	293	302	369	282	188	188
1958	Wet	206	220	261	298	378	426	348	474	524	502	371	313
1959	Dry	310	317	323	359	407	475	523	497	400	254	147	178
1960	Critical	179	170	169	176	200	189	274	308	272	185	155	172
1961	Critical	153	151	176	188	198	166	230	235	198	136	136	161
1962	Below Normal	167	175	205	234	401	367	320	393	466	389	249	214
1963	Above Normal	233	259	270	304	439	452	325	341	424	379	252	222
1964	Dry	243	315	355	383	371	369	358	357	315	210	161	175
1965	Wet	161	176	299	439	439	417	286	298	326	289	240	220
1966	Below Normal	236	339	412	439	439	478	520	523	425	261	157	163
1967	Wet	151	162	367	439	439	399	292	326	524	524	444	363
1968	Dry	302	290	299	323	306	351	405	435	354	219	167	187
1969	Wet	167	179	223	351	372	326	191	375	524	524	445	354
1970	Above Normal	318	320	344	439	439	479	415	426	414	290	200	197
1971	Below Normal	197	219	288	353	386	376	336	339	323	240	172	186
1972	Dry	201	218	272	308	332	386	354	359	319	199	133	176
1973	Above Normal	175	189	227	294	385	379	257	493	524	398	254	216
1974	Wet	243	336	426	439	439	479	424	478	495	377	246	209
1975	Wet	229	262	294	329	365	395	239	319	496	390	240	212
1976	Critical	256	302	327	342	339	370	391	380	269	162	132	176
1977	Critical	182	182	194	211	217	219	240	213	181	141	131	152
1978	Wet	152	152	230	388	439	479	393	413	524	524	434	439
1979	Above Normal	393	391	400	439	439	479	438	523	509	363	228	200
1980	Wet	222	262	291	380	405	479	475	452	461	524	416	349
1981	Dry	354	368	388	422	437	462	465	512	432	268	177	184
1982	Wet	178	230	286	392	439	447	524	524	524	523	440	440
1983	Wet	439	432	418	412	439	475	228	131	524	524	515	456
1984	Above Normal	406	437	407	439	439	478	385	440	401	296	209	207
1985	Dry	231	283	324	360	375	380	434	487	396	252	159	179
1986	Wet	182	202	262	341	393	479	421	491	524	456	313	273
1987	Critical	301	322	335	359	362	389	443	457	356	205	140	152
1988	Critical	135	139	157	205	224	219	277	295	251	174	149	172
1989	Critical	154	143	156	170	186	209	320	363	304	196	156	179
1990	Critical	175	173	184	201	213	207	297	287	230	171	152	166
1991	Critical	152	140	142	143	136	146	152	193	240	175	143	184
1992	Critical	170	168	183	201	244	239	343	388	287	194	158	173
1993	Wet	158	151	175	347	439	479	313	387	450	437	291	236
1994	Critical	252	270	289	317	321	356	392	409	349	229	156	172
1995	Wet	195	219	259	439	439	479	333	288	524	524	489	385
1996	Wet	293	270	286	337	434	479	371	488	490	381	246	211
1997	Wet	226	325	429	351	422	479	447	523	432	290	159	150
1998	Wet	170	204	239	334	439	479	440	350	524	524	452	363
1999	Above Normal	308	309	330	380	392	419	364	423	449	312	204	198
2000	Above Normal	213	225	238	306	382	439	407	519	519	360	226	199
2001	Dry	219	246	262	285	289	332	341	449	379	241	164	177
2002	Dry	167	171	222	276	304	288	353	404	375	260	168	173
2003	Below Normal	166	212	250	303	339	327	273	331	399	269	182	182

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1923	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1924	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1925	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1926	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1927	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1928	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1929	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1930	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1931	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1932	Above Normal	340	340	340	340	344	340	340	340	340	340	340	340
1933	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1934	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1935	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1936	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1937	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1938	Wet	340	340	340	340	340	340	340	340	449	449	340	340
1939	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1940	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1941	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1942	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1943	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1944	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1945	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1946	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1947	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1948	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1949	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1950	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1951	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1952	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1953	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1954	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1955	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1956	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1957	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1958	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1959	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1960	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1961	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1962	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1963	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1964	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1965	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1966	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1967	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1968	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1969	Wet	340	340	340	341	340	340	340	340	449	449	340	340
1970	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1971	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1972	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1973	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1974	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1975	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1976	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1977	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1978	Wet	340	340	340	344	348	340	340	340	340	340	340	340
1979	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1980	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1981	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1982	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1983	Wet	340	340	343	340	340	404	340	340	449	449	399	340
1984	Above Normal	340	362	340	364	361	400	340	340	340	340	340	340
1985	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1986	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1987	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1988	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1989	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1990	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1991	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1992	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1993	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1994	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1995	Wet	340	340	340	340	340	340	340	340	340	449	365	340
1996	Wet	340	340	340	340	340	342	340	396	362	340	340	340
1997	Wet	340	340	340	340	347	404	366	442	340	340	340	340
1998	Wet	340	340	340	340	340	340	340	340	340	449	347	340
1999	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2000	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2001	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2002	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2003	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340

Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	125	107	48	-19	-99	-84	144	64	-184	-163	-2	48
1923	Above Normal	37	7	-73	-99	-99	-101	-52	-128	-90	-7	111	129
1924	Critical	105	79	66	53	70	67	26	24	108	181	206	181
1925	Below Normal	180	163	133	101	27	48	47	-25	-19	57	149	158
1926	Dry	133	114	93	78	46	45	-42	-156	-93	63	170	164
1927	Above Normal	160	121	73	33	-83	-98	-9	-102	-150	-62	85	127
1928	Below Normal	107	31	-8	-38	-47	-98	-110	-175	-96	63	157	157
1929	Critical	175	182	174	167	172	195	179	96	113	169	198	164
1930	Critical	187	205	203	191	177	193	127	119	102	172	200	165
1931	Critical	182	192	187	178	174	207	156	135	178	209	209	189
1932	Above Normal	185	187	124	53	-95	-101	15	-16	-133	-84	72	120
1933	Dry	109	85	72	48	58	62	76	147	82	113	176	159
1934	Critical	157	161	127	88	64	26	-62	-42	56	152	182	171
1935	Above Normal	180	173	145	87	26	59	99	-34	-168	-47	97	131
1936	Above Normal	113	82	65	29	-99	-138	-108	-183	-161	-40	99	135
1937	Wet	127	105	72	40	-99	-138	-17	-184	-184	-81	75	120
1938	Wet	102	74	-88	-99	-89	-138	-22	33	-75	-75	-82	-6
1939	Dry	-17	-34	-54	-94	-99	-138	-183	-165	-47	89	182	172
1940	Above Normal	157	163	161	46	-46	-109	-49	-183	-164	5	160	184
1941	Wet	174	152	66	-43	-99	-138	-8	-24	-123	-135	16	97
1942	Wet	94	69	-11	-99	-99	-125	-62	-14	-126	-101	53	111
1943	Wet	99	46	4	-72	-99	-138	-116	-183	-156	-38	96	130
1944	Below Normal	123	97	78	51	39	30	80	17	21	89	163	156
1945	Above Normal	141	94	41	2	-99	-118	-6	-76	-130	-66	75	114
1946	Above Normal	68	-14	-99	-99	-99	-113	-77	-183	-154	-19	116	139
1947	Dry	114	44	-39	-84	-99	-126	-116	-181	-77	74	168	160
1948	Below Normal	163	163	156	147	155	209	204	115	48	124	175	151
1949	Below Normal	146	148	130	113	104	129	101	5	-15	106	180	164
1950	Below Normal	147	139	122	84	20	42	2	-70	-58	62	166	159
1951	Above Normal	138	-17	-41	-99	-99	-115	-38	-40	-7	85	162	156
1952	Wet	148	142	79	-57	-99	-56	49	-145	-184	-181	-68	-3
1953	Below Normal	4	0	-32	-99	-99	-101	-75	-29	26	71	153	151
1954	Below Normal	151	149	136	110	76	65	25	-100	-70	46	149	162
1955	Dry	148	134	104	67	41	56	100	82	25	114	175	161
1956	Wet	159	160	-10	-10	-99	-138	-52	-48	-106	-72	51	100
1957	Below Normal	75	46	28	-4	-27	-24	48	38	-29	58	152	152
1958	Wet	134	120	79	42	-38	-85	-8	-134	-184	-161	-31	27
1959	Dry	30	24	17	-19	-67	-135	-183	-157	-60	86	193	162
1960	Critical	161	171	171	164	140	151	66	32	69	155	185	168
1961	Critical	187	189	164	153	142	174	110	105	142	204	204	179
1962	Below Normal	173	165	135	107	-60	-27	20	-53	-126	-49	91	126
1963	Above Normal	107	81	71	36	-99	-112	15	-1	-84	-39	88	118
1964	Dry	97	25	-15	-43	-31	-29	-18	-17	25	130	180	165
1965	Wet	179	164	42	-99	-99	-77	54	42	14	51	100	120
1966	Below Normal	104	2	-72	-99	-99	-138	-180	-183	-85	79	183	177
1967	Wet	189	179	-27	-99	-99	-59	48	14	-184	-184	-104	-23
1968	Dry	38	50	42	17	34	-11	-65	-95	-14	121	174	153
1969	Wet	174	161	117	-9	-32	14	149	-35	-75	-75	-105	-14
1970	Above Normal	22	20	-4	-99	-99	-138	-75	-86	-74	50	140	143
1971	Below Normal	143	121	52	-13	-46	-36	5	1	17	100	168	154
1972	Dry	139	122	68	32	8	-46	-14	-19	21	141	207	164
1973	Above Normal	166	151	113	46	-45	-39	83	-153	-184	-58	86	124
1974	Wet	97	4	-86	-99	-99	-138	-84	-138	-155	-37	94	131
1975	Wet	111	79	46	11	-25	-55	102	21	-156	-50	100	128
1976	Critical	84	38	13	-2	1	-30	-51	-39	71	178	208	164
1977	Critical	158	159	146	129	123	121	100	127	159	199	209	188
1978	Wet	188	188	110	-44	-91	-138	-53	-73	-184	-184	-94	-99
1979	Above Normal	-53	-51	-60	-99	-99	-138	-98	-183	-169	-23	112	140
1980	Wet	118	78	49	-40	-65	-138	-135	-112	-121	-184	-76	-8
1981	Dry	-14	-28	-48	-82	-96	-122	-125	-172	-92	72	163	156
1982	Wet	162	110	54	-52	-98	-107	-184	-184	-184	-183	-100	-100
1983	Wet	-99	-92	-75	-72	-99	-71	112	209	-75	-75	-116	-116
1984	Above Normal	-66	-75	-67	-75	-78	-78	-45	-99	-61	44	131	133
1985	Dry	109	57	16	-19	-35	-40	-94	-147	-56	88	181	161
1986	Wet	158	138	79	-1	-53	-138	-81	-151	-184	-116	27	67
1987	Critical	39	18	5	-18	-22	-49	-103	-117	-16	135	200	188
1988	Critical	205	202	183	135	116	121	63	45	89	166	191	168
1989	Critical	186	197	185	170	154	131	20	-22	36	144	185	161
1990	Critical	165	167	156	139	127	133	43	53	110	169	188	174
1991	Critical	188	200	198	197	204	194	188	147	101	166	197	156
1992	Critical	170	172	157	139	96	102	-3	-48	53	146	182	167
1993	Wet	182	189	165	-7	-99	-138	27	-47	-110	-97	49	104
1994	Critical	88	71	51	23	19	-16	-52	-69	-8	111	184	169
1995	Wet	145	121	81	-99	-99	-138	7	52	-184	-75	-124	-45
1996	Wet	47	70	54	3	-94	-137	-30	-91	-128	-41	94	129
1997	Wet	115	15	-89	-10	-75	-75	-82	-80	-92	50	181	190
1998	Wet	170	136	101	6	-99	-138	-100	-10	-184	-75	-105	-23
1999	Above Normal	32	31	10	-40	-52	-79	-24	-83	-109	28	136	142
2000	Above Normal	128	116	102	34	-42	-99	-67	-179	-179	-20	115	141
2001	Dry	121	94	78	55	51	8	-1	-109	-39	99	177	163
2002	Dry	173	169	118	64	36	52	-13	-64	-35	80	172	167
2003	Below Normal	174	129	90	37	2	13	67	9	-59	71	158	158

Percent Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	58%	46%	16%	-5%	-23%	-20%	73%	23%	-35%	-32%	-1%	17%
1923	Above Normal	12%	2%	-18%	-23%	-23%	-23%	-13%	-27%	-21%	-2%	48%	61%
1924	Critical	45%	30%	24%	19%	26%	25%	8%	8%	46%	114%	154%	113%
1925	Below Normal	113%	92%	64%	42%	9%	17%	16%	-7%	-5%	20%	78%	86%
1926	Dry	64%	50%	38%	30%	16%	15%	-11%	-32%	-21%	23%	99%	93%
1927	Above Normal	89%	55%	27%	11%	-20%	-22%	-2%	-23%	-31%	-15%	33%	60%
1928	Below Normal	46%	10%	-2%	-10%	-12%	-22%	-24%	-34%	-22%	23%	85%	86%
1929	Critical	106%	115%	105%	96%	102%	134%	111%	39%	49%	99%	139%	93%
1930	Critical	122%	152%	147%	129%	108%	132%	60%	53%	43%	102%	143%	94%
1931	Critical	115%	129%	122%	110%	105%	156%	85%	66%	110%	160%	160%	125%
1932	Above Normal	119%	122%	58%	19%	-22%	-23%	5%	-5%	-28%	-20%	27%	55%
1933	Dry	47%	33%	27%	17%	20%	22%	29%	76%	32%	50%	107%	88%
1934	Critical	86%	90%	60%	35%	23%	8%	-15%	-11%	20%	81%	116%	101%
1935	Above Normal	113%	103%	75%	34%	8%	21%	41%	-9%	-33%	-12%	40%	62%
1936	Above Normal	50%	32%	24%	9%	-23%	-29%	-24%	-35%	-32%	-10%	41%	66%
1937	Wet	60%	45%	27%	13%	-23%	-29%	-5%	-35%	-35%	-19%	28%	54%
1938	Wet	43%	28%	-21%	-23%	-21%	-29%	-6%	11%	-14%	-14%	-19%	-2%
1939	Dry	-5%	-9%	-14%	-22%	-23%	-29%	-35%	-33%	-12%	36%	116%	102%
1940	Above Normal	86%	92%	90%	16%	-12%	-24%	-13%	-35%	-32%	1%	89%	117%
1941	Wet	104%	80%	24%	-11%	-23%	-29%	-2%	-7%	-27%	-28%	5%	40%
1942	Wet	38%	26%	-3%	-23%	-23%	-27%	-15%	-4%	-27%	-23%	19%	49%
1943	Wet	41%	15%	1%	-18%	-23%	-29%	-25%	-35%	-31%	-10%	40%	62%
1944	Below Normal	57%	40%	30%	18%	13%	10%	31%	5%	6%	35%	92%	84%
1945	Above Normal	71%	38%	14%	0%	-23%	-26%	-2%	-18%	-28%	-16%	28%	51%
1946	Above Normal	25%	-4%	-23%	-23%	-23%	-25%	-18%	-35%	-31%	-5%	51%	69%
1947	Dry	50%	15%	-10%	-20%	-23%	-27%	-25%	-35%	-19%	28%	98%	89%
1948	Below Normal	92%	92%	85%	76%	84%	160%	150%	51%	16%	57%	106%	80%
1949	Below Normal	75%	77%	62%	50%	44%	61%	42%	1%	-4%	45%	113%	93%
1950	Below Normal	76%	69%	56%	33%	6%	14%	1%	-17%	-15%	22%	95%	88%
1951	Above Normal	68%	-5%	-11%	-23%	-23%	-25%	-10%	-11%	-2%	33%	91%	85%
1952	Wet	77%	72%	30%	-14%	-23%	-14%	17%	-30%	-35%	-35%	-17%	-1%
1953	Below Normal	1%	0%	-9%	-23%	-23%	-23%	-18%	-8%	8%	26%	82%	80%
1954	Below Normal	80%	78%	67%	48%	29%	24%	8%	-23%	-17%	16%	78%	91%
1955	Dry	77%	65%	44%	25%	14%	20%	42%	32%	8%	50%	107%	89%
1956	Wet	88%	89%	-3%	-3%	-23%	-29%	-13%	-12%	-24%	-17%	18%	42%
1957	Below Normal	28%	16%	9%	-1%	-7%	-7%	16%	13%	-8%	21%	81%	81%
1958	Wet	65%	55%	30%	14%	-10%	-20%	-2%	-28%	-35%	-32%	-8%	9%
1959	Dry	10%	7%	5%	-5%	-16%	-28%	-35%	-32%	-15%	34%	131%	91%
1960	Critical	89%	101%	101%	93%	70%	80%	24%	10%	25%	84%	119%	98%
1961	Critical	122%	125%	93%	81%	71%	105%	48%	45%	72%	150%	151%	111%
1962	Below Normal	104%	94%	66%	46%	-15%	-7%	6%	-14%	-27%	-13%	36%	59%
1963	Above Normal	46%	31%	26%	12%	-23%	-25%	5%	0%	-20%	-10%	35%	53%
1964	Dry	40%	8%	-4%	-11%	-8%	-8%	-5%	-5%	8%	62%	112%	95%
1965	Wet	111%	93%	14%	-23%	-23%	-19%	19%	14%	4%	18%	41%	54%
1966	Below Normal	44%	0%	-17%	-23%	-23%	-29%	-35%	-35%	-20%	30%	117%	108%
1967	Wet	125%	110%	-7%	-23%	-23%	-15%	17%	4%	-35%	-35%	-23%	-6%
1968	Dry	13%	17%	14%	5%	11%	-3%	-16%	-22%	-4%	55%	104%	82%
1969	Wet	104%	90%	52%	-3%	-9%	4%	78%	-9%	-14%	-14%	-24%	-4%
1970	Above Normal	7%	6%	-1%	-23%	-23%	-29%	-18%	-20%	-18%	17%	70%	73%
1971	Below Normal	72%	55%	18%	-4%	-12%	-9%	1%	0%	5%	42%	98%	83%
1972	Dry	69%	56%	25%	10%	2%	-12%	-4%	-5%	7%	71%	156%	93%
1973	Above Normal	95%	80%	50%	16%	-12%	-10%	32%	-31%	-35%	-15%	34%	57%
1974	Wet	40%	1%	-20%	-23%	-23%	-29%	-20%	-29%	-31%	-10%	38%	63%
1975	Wet	49%	30%	16%	3%	-7%	-14%	43%	7%	-32%	-13%	42%	61%
1976	Critical	33%	13%	4%	-1%	0%	-8%	-13%	-10%	26%	110%	157%	93%
1977	Critical	87%	87%	76%	61%	57%	55%	42%	59%	88%	141%	160%	124%
1978	Wet	124%	123%	48%	-11%	-21%	-29%	-13%	-18%	-35%	-35%	-22%	-23%
1979	Above Normal	-14%	-13%	-15%	-23%	-23%	-29%	-22%	-35%	-33%	-6%	49%	70%
1980	Wet	53%	30%	17%	-10%	-16%	-29%	-28%	-25%	-26%	-35%	-18%	-2%
1981	Dry	-4%	-8%	-12%	-19%	-22%	-26%	-27%	-34%	-21%	27%	92%	85%
1982	Wet	91%	48%	19%	-13%	-22%	-24%	-35%	-35%	-35%	-35%	-23%	-23%
1983	Wet	-23%	-21%	-18%	-18%	-23%	-15%	49%	160%	-14%	-14%	-23%	-25%
1984	Above Normal	-16%	-17%	-16%	-17%	-18%	-16%	-12%	-23%	-15%	15%	63%	65%
1985	Dry	47%	20%	5%	-5%	-9%	-11%	-22%	-30%	-14%	35%	113%	90%
1986	Wet	87%	68%	30%	0%	-13%	-29%	-19%	-31%	-35%	-25%	9%	24%
1987	Critical	13%	6%	2%	-5%	-6%	-13%	-23%	-26%	-4%	66%	143%	124%
1988	Critical	152%	145%	117%	66%	52%	55%	23%	15%	35%	96%	128%	97%
1989	Critical	120%	138%	119%	100%	83%	63%	6%	-6%	12%	73%	119%	90%
1990	Critical	94%	97%	85%	69%	60%	65%	14%	18%	48%	98%	124%	104%
1991	Critical	123%	142%	140%	137%	150%	133%	123%	76%	42%	95%	138%	85%
1992	Critical	100%	102%	85%	69%	39%	43%	-1%	-12%	19%	75%	115%	96%
1993	Wet	116%	126%	95%	-2%	-23%	-29%	9%	-12%	-24%	-22%	17%	44%
1994	Critical	35%	26%	18%	7%	6%	-4%	-13%	-17%	-2%	48%	118%	98%
1995	Wet	75%	55%	31%	-23%	-23%	-29%	2%	18%	-35%	-14%	-25%	-12%
1996	Wet	16%	26%	19%	1%	-22%	-29%	-8%	-19%	-26%	-11%	38%	61%
1997	Wet	51%	5%	-21%	-3%	-18%	-16%	-18%	-15%	-21%	17%	114%	127%
1998	Wet	100%	66%	42%	2%	-23%	-29%	-23%	-3%	-35%	-14%	-23%	-6%
1999	Above Normal	11%	10%	3%	-10%	-13%	-19%	-7%	-20%	-24%	9%	67%	72%
2000	Above Normal	60%	51%	43%	11%	-11%	-22%	-17%	-34%	-34%	-6%	51%	71%
2001	Dry	56%	38%	30%	19%	18%	3%	0%	-24%	-10%	41%	108%	92%
2002	Dry	104%	99%	53%	23%	12%	18%	-4%	-16%	-9%	31%	102%	97%
2003	Below Normal	105%	61%	36%	12%	0%	4%	25%	3%	-15%	27%	87%	86%

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	482	500	559	626	718	685	565	733	1,044	956	729	595
1923	Above Normal	527	532	587	630	603	603	553	626	539	445	325	307
1924	Critical	329	354	365	373	353	355	395	395	310	232	205	229
1925	Below Normal	228	245	274	306	380	358	360	432	430	356	266	258
1926	Dry	282	300	320	334	366	366	454	568	505	350	244	249
1927	Above Normal	252	290	338	377	493	509	421	517	598	491	347	308
1928	Below Normal	327	402	439	465	471	521	533	598	519	361	267	268
1929	Critical	248	240	247	252	245	221	237	318	300	242	211	244
1930	Critical	220	201	203	214	228	212	278	286	304	235	207	242
1931	Critical	225	214	219	227	231	200	250	271	228	200	200	218
1932	Above Normal	221	219	281	352	506	513	404	445	539	489	347	307
1933	Dry	319	342	353	373	363	358	343	271	334	300	235	250
1934	Critical	251	247	280	319	343	380	468	448	352	258	227	238
1935	Above Normal	229	236	263	321	382	352	320	471	596	461	318	298
1936	Above Normal	318	348	362	394	548	613	575	722	676	509	354	312
1937	Wet	316	336	367	398	592	718	661	893	944	759	520	422
1938	Wet	404	411	584	646	800	963	1,030	1,124	1,331	1,331	1,306	1,140
1939	Dry	1,068	1,054	1,048	1,033	969	1,002	1,051	963	723	508	343	310
1940	Above Normal	310	302	299	409	495	562	520	685	672	480	323	299
1941	Wet	306	327	410	519	665	739	716	822	962	927	734	594
1942	Wet	544	549	609	705	719	729	699	761	919	826	636	533
1943	Wet	483	514	534	645	709	868	817	916	825	626	415	338
1944	Below Normal	333	356	371	393	393	400	350	411	405	334	258	265
1945	Above Normal	278	324	376	413	612	628	514	581	608	510	356	318
1946	Above Normal	363	443	560	635	643	653	612	727	635	482	334	306
1947	Dry	328	397	477	517	537	563	551	614	507	352	254	261
1948	Below Normal	256	256	261	269	259	200	204	293	360	285	233	256
1949	Below Normal	260	259	276	293	302	277	305	402	423	303	229	245
1950	Below Normal	262	270	286	323	388	366	405	478	468	351	248	254
1951	Above Normal	275	430	716	906	997	989	853	789	656	488	349	315
1952	Wet	309	312	372	502	553	581	599	871	1,058	1,014	865	728
1953	Below Normal	646	629	639	705	659	658	621	559	478	407	305	298
1954	Below Normal	294	294	304	325	345	355	395	518	487	370	265	251
1955	Dry	264	278	307	344	370	355	311	328	386	296	235	249
1956	Wet	249	248	541	798	980	1,052	994	996	1,087	1,016	855	714
1957	Below Normal	656	655	642	642	599	588	506	498	537	421	306	297
1958	Wet	310	322	360	392	458	495	535	783	954	917	771	659
1959	Dry	590	528	519	533	537	603	652	619	511	352	235	261
1960	Critical	260	249	248	253	275	263	347	381	343	256	225	240
1961	Critical	220	218	243	254	265	232	296	301	264	203	202	227
1962	Below Normal	232	241	270	298	465	433	394	478	498	416	280	263
1963	Above Normal	285	310	318	350	531	546	426	452	500	446	332	311
1964	Dry	332	402	441	464	452	450	438	436	392	285	233	246
1965	Wet	231	245	368	589	690	663	524	524	485	408	344	319
1966	Below Normal	331	432	502	558	566	603	642	694	581	395	278	278
1967	Wet	262	271	475	546	618	635	594	666	1,009	1,268	1,162	1,028
1968	Dry	929	877	876	868	830	859	858	815	657	451	305	287
1969	Wet	271	288	326	556	760	798	861	1,214	1,331	1,331	1,312	1,141
1970	Above Normal	1,058	1,036	1,045	1,170	1,144	1,185	1,076	1,034	890	649	460	388
1971	Below Normal	358	370	428	481	495	482	440	440	419	330	258	270
1972	Dry	285	300	353	386	407	461	429	434	393	272	204	246
1973	Above Normal	244	258	295	363	454	446	323	556	653	498	346	306
1974	Wet	330	422	509	642	670	751	668	769	793	578	390	327
1975	Wet	338	368	397	427	452	481	328	413	592	474	329	305
1976	Critical	349	393	416	428	423	452	472	460	347	237	205	247
1977	Critical	251	250	262	279	284	286	307	280	248	209	200	220
1978	Wet	220	220	297	451	632	750	734	879	1,202	1,313	1,175	1,138
1979	Above Normal	1,053	1,040	1,038	1,107	1,095	1,161	1,128	1,257	1,209	943	711	589
1980	Wet	529	544	547	778	965	1,083	1,042	1,076	1,169	1,226	1,057	890
1981	Dry	804	792	784	788	724	741	728	752	633	428	305	298
1982	Wet	287	337	389	490	607	669	873	1,075	1,224	1,232	1,117	1,048
1983	Wet	1,103	1,205	1,331	1,328	1,313	1,331	1,185	1,057	1,331	1,331	1,331	1,321
1984	Above Normal	1,266	1,331	1,323	1,331	1,331	1,331	1,292	1,313	1,186	962	776	658
1985	Dry	596	619	631	636	579	578	616	655	540	369	254	265
1986	Wet	264	283	340	416	696	978	1,020	1,158	1,284	1,173	972	829
1987	Critical	750	686	667	647	577	598	642	638	517	366	258	252
1988	Critical	247	257	271	316	332	325	380	395	343	256	224	244
1989	Critical	224	211	224	238	253	275	387	429	372	266	225	248
1990	Critical	244	241	252	270	281	274	365	354	298	240	220	234
1991	Critical	219	207	208	209	202	211	217	258	305	241	209	250
1992	Critical	236	233	248	266	309	303	407	453	353	263	227	242
1993	Wet	226	219	243	415	512	564	484	644	699	635	464	386
1994	Critical	384	393	404	422	419	453	487	501	435	310	232	244
1995	Wet	266	290	329	520	611	799	825	954	1,317	1,331	1,331	1,232
1996	Wet	1,109	1,082	1,094	1,139	1,227	1,331	1,299	1,331	1,331	1,142	921	762
1997	Wet	688	755	933	1,266	1,331	1,331	1,331	1,331	1,276	1,031	781	647
1998	Wet	567	575	582	647	784	854	876	832	1,153	1,331	1,331	1,216
1999	Above Normal	1,145	1,141	1,157	1,200	1,197	1,191	1,085	1,083	971	707	482	397
2000	Above Normal	377	378	381	436	490	547	536	665	645	452	314	298
2001	Dry	317	343	357	376	378	420	428	534	461	319	239	250
2002	Dry	238	242	292	346	373	358	422	473	445	331	239	243
2003	Below Normal	235	280	319	372	407	395	341	400	471	342	257	259

Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	482	500	559	626	718	685	565	733	1,044	956	729	595
1923	Above Normal	527	532	587	630	603	603	553	626	539	445	325	307
1924	Critical	329	354	365	373	353	355	395	395	310	232	205	229
1925	Below Normal	228	245	274	306	380	358	360	432	430	356	266	258
1926	Dry	282	300	320	334	366	366	454	568	505	350	244	249
1927	Above Normal	252	290	338	377	493	509	421	517	598	491	347	308
1928	Below Normal	327	402	439	465	471	521	533	598	519	361	267	268
1929	Critical	248	240	247	252	245	221	237	318	300	242	211	244
1930	Critical	220	201	203	214	228	212	278	286	304	235	207	242
1931	Critical	225	214	219	227	231	200	250	271	228	200	200	218
1932	Above Normal	221	219	281	352	506	513	404	445	539	489	347	307
1933	Dry	319	342	353	373	363	358	343	271	334	300	235	250
1934	Critical	251	247	280	319	343	380	468	448	352	258	227	238
1935	Above Normal	229	236	263	321	382	352	320	471	596	461	318	298
1936	Above Normal	318	348	362	394	548	613	575	722	676	509	354	312
1937	Wet	316	336	367	398	592	718	661	893	944	759	520	422
1938	Wet	404	411	584	646	800	963	1,030	1,124	1,331	1,331	1,306	1,140
1939	Dry	1,068	1,054	1,048	1,033	969	1,002	1,051	963	723	508	343	310
1940	Above Normal	310	302	299	409	495	562	520	685	672	480	323	299
1941	Wet	306	327	410	519	665	739	716	822	962	927	734	594
1942	Wet	544	549	609	705	719	729	699	761	919	826	636	533
1943	Wet	483	514	534	645	709	868	817	916	825	626	415	338
1944	Below Normal	333	356	371	393	393	400	350	411	405	334	258	265
1945	Above Normal	278	324	376	413	612	628	514	581	608	510	356	318
1946	Above Normal	363	443	560	635	643	653	612	727	635	482	334	306
1947	Dry	328	397	477	517	537	563	551	614	507	352	254	261
1948	Below Normal	256	256	261	269	259	200	204	293	360	285	233	256
1949	Below Normal	260	259	276	293	302	277	305	402	423	303	229	245
1950	Below Normal	262	270	286	323	388	366	405	478	468	351	248	254
1951	Above Normal	275	430	716	906	997	989	853	789	656	488	349	315
1952	Wet	309	312	372	502	553	581	599	871	1,058	1,014	865	728
1953	Below Normal	646	629	639	705	659	658	621	559	478	407	305	298
1954	Below Normal	294	294	304	325	345	355	395	518	487	370	265	251
1955	Dry	264	278	307	344	370	355	311	328	386	296	235	249
1956	Wet	249	248	541	798	980	1,052	994	996	1,087	1,016	855	714
1957	Below Normal	656	655	642	642	599	588	506	498	537	421	306	297
1958	Wet	310	322	360	392	458	495	535	783	954	917	771	659
1959	Dry	590	528	519	533	537	603	652	619	511	352	235	261
1960	Critical	260	249	248	253	275	263	347	381	343	256	225	240
1961	Critical	220	218	243	254	265	232	296	301	264	203	202	227
1962	Below Normal	232	241	270	298	465	433	394	478	498	416	280	263
1963	Above Normal	285	310	318	350	531	546	426	452	500	446	332	311
1964	Dry	332	402	441	464	452	450	438	436	392	285	233	246
1965	Wet	231	245	368	589	690	663	524	524	485	408	344	319
1966	Below Normal	331	432	502	558	566	603	642	694	581	395	278	278
1967	Wet	262	271	475	546	618	635	594	666	1,009	1,268	1,162	1,028
1968	Dry	929	877	876	868	830	859	858	815	657	451	305	287
1969	Wet	271	288	326	556	760	798	861	1,214	1,331	1,331	1,312	1,141
1970	Above Normal	1,058	1,036	1,045	1,170	1,144	1,185	1,076	1,034	890	649	460	388
1971	Below Normal	358	370	428	481	495	482	440	440	419	330	258	270
1972	Dry	285	300	353	386	407	461	429	434	393	272	204	246
1973	Above Normal	244	258	295	363	454	446	323	556	653	498	346	306
1974	Wet	330	422	509	642	670	751	668	769	793	578	390	327
1975	Wet	338	368	397	427	452	481	328	413	592	474	329	305
1976	Critical	349	393	416	428	423	452	472	460	347	237	205	247
1977	Critical	251	250	262	279	284	286	307	280	248	209	200	220
1978	Wet	220	220	297	451	632	750	734	879	1,202	1,313	1,175	1,138
1979	Above Normal	1,053	1,040	1,038	1,107	1,095	1,161	1,128	1,257	1,209	943	711	589
1980	Wet	529	544	547	778	965	1,083	1,042	1,076	1,169	1,226	1,057	890
1981	Dry	804	792	784	788	724	741	728	752	633	428	305	298
1982	Wet	287	337	389	490	607	669	873	1,075	1,224	1,232	1,117	1,048
1983	Wet	1,103	1,205	1,331	1,328	1,313	1,331	1,185	1,057	1,331	1,331	1,331	1,321
1984	Above Normal	1,266	1,331	1,323	1,331	1,331	1,331	1,292	1,313	1,186	962	776	658
1985	Dry	596	619	631	636	579	578	616	655	540	369	254	265
1986	Wet	264	283	340	416	696	978	1,020	1,158	1,284	1,173	972	829
1987	Critical	750	686	667	647	577	598	642	638	517	366	258	252
1988	Critical	247	257	271	316	332	325	380	395	343	256	224	244
1989	Critical	224	211	224	238	253	275	387	429	372	266	225	248
1990	Critical	244	241	252	270	281	274	365	354	298	240	220	234
1991	Critical	219	207	208	209	202	211	217	258	305	241	209	250
1992	Critical	236	233	248	266	309	303	407	453	353	263	227	242
1993	Wet	226	219	243	415	512	564	484	644	699	635	464	386
1994	Critical	384	393	404	422	419	453	487	501	435	310	232	244
1995	Wet	266	290	329	520	611	799	825	954	1,317	1,331	1,331	1,232
1996	Wet	1,109	1,082	1,094	1,139	1,227	1,331	1,299	1,331	1,331	1,142	921	762
1997	Wet	688	755	933	1,266	1,331	1,331	1,331	1,331	1,276	1,031	781	647
1998	Wet	567	575	582	647	784	854	876	832	1,153	1,331	1,331	1,216
1999	Above Normal	1,145	1,141	1,157	1,200	1,197	1,191	1,085	1,083	971	707	482	397
2000	Above Normal	377	378	381	436	490	547	536	665	645	452	314	298
2001	Dry	317	343	357	376	378	420	428	534	461	319	239	250
2002	Dry	238	242	292	346	373	358	422	473	445	331	239	243
2003	Below Normal	235	280	319	372	407	395	341	400	471	342	257	259

Percent Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1937	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1938	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1939	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1941	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1942	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1943	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1945	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1946	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1952	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1959	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1966	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1967	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1970	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1974	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1979	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1980	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1982	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1983	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1984	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1986	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1996	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1997	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,246	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,513
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,099	2,247	2,199	2,109	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,672	1,960	2,018	1,937	1,887
1968	Dry	1,830	1,839	1,851	1,869	1,926	1,971	1,860	1,759	1,698	1,613	1,530	1,482
1969	Wet	1,449	1,472	1,479	1,775	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,252	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,512
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,102	2,250	2,202	2,112	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,675	1,963	2,021	1,940	1,890
1968	Dry	1,834	1,843	1,854	1,873	1,930	1,974	1,863	1,763	1,701	1,616	1,532	1,485
1969	Wet	1,452	1,474	1,481	1,778	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	6	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	3	3	3	3	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	3	3	3	3	3
1968	Dry	3	3	3	3	3	3	3	3	3	3	3	3
1969	Wet	3	3	3	3	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,341	1,531	1,254	814	697	536	488	676
1923	Below Normal	780	954	1,211	1,317	1,405	1,410	1,189	791	473	447	466	710
1924	Critical	856	1,018	1,205	1,481	1,575	1,483	1,353	1,160	829	774	526	482
1925	Dry	651	821	1,221	1,570	1,753	1,894	1,688	1,279	864	773	522	677
1926	Dry	738	891	1,088	1,373	1,419	1,293	1,169	861	596	609	409	504
1927	Wet	528	1,002	1,311	1,524	1,779	1,836	1,516	1,046	677	624	647	837
1928	Above Normal	849	833	1,285	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	583	533	831	1,049	1,214	1,361	1,307	1,079	750	485	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	825	854	706	910
1931	Critical	972	1,100	1,268	1,599	1,811	1,778	1,614	1,378	1,016	791	506	429
1932	Dry	490	628	1,270	1,633	2,011	2,013	1,855	1,586	1,314	1,076	1,091	1,197
1933	Critical	1,290	1,407	1,678	2,018	2,039	2,039	1,921	1,685	1,296	1,049	976	960
1934	Critical	986	1,092	1,344	1,687	1,897	1,875	1,694	1,459	1,064	649	525	550
1935	Below Normal	550	739	1,116	1,482	1,708	1,825	1,581	1,161	833	768	686	877
1936	Below Normal	1,036	1,192	1,453	1,579	1,961	2,039	1,788	1,359	998	932	847	1,036
1937	Below Normal	1,183	1,267	1,660	1,935	2,039	2,039	1,811	1,462	1,162	1,000	839	783
1938	Wet	798	1,128	1,411	1,725	1,941	2,039	1,853	1,858	1,714	1,452	1,214	1,252
1939	Dry	1,194	877	1,196	1,329	1,385	1,334	1,084	719	255	211	100	149
1940	Above Normal	198	334	430	665	936	1,303	1,085	665	337	194	183	361
1941	Wet	385	384	709	1,046	1,514	1,862	1,548	1,156	836	651	568	681
1942	Wet	617	627	850	1,079	1,263	1,406	1,139	736	496	323	320	489
1943	Wet	534	626	887	1,192	1,417	1,814	1,490	1,020	582	335	211	316
1944	Dry	245	330	635	854	1,058	1,145	977	673	365	436	330	302
1945	Below Normal	379	882	1,222	1,554	1,900	2,039	1,709	1,203	687	571	548	723
1946	Below Normal	904	1,272	1,609	1,771	1,830	1,836	1,524	1,077	619	555	572	775
1947	Dry	968	1,223	1,554	1,781	1,928	1,857	1,510	1,033	530	492	206	383
1948	Below Normal	476	652	730	802	684	815	634	368	238	228	295	525
1949	Dry	653	822	1,158	1,457	1,702	1,730	1,401	940	400	274	100	293
1950	Below Normal	243	417	619	766	907	1,137	901	543	354	322	344	571
1951	Above Normal	828	1,268	1,856	2,039	2,039	2,039	1,732	1,247	828	608	576	764
1952	Wet	785	988	1,203	1,440	1,539	1,861	1,639	1,304	1,154	839	640	731
1953	Wet	648	539	904	913	986	1,159	942	582	269	250	324	567
1954	Above Normal	518	585	941	1,086	1,141	1,307	1,054	653	305	123	178	410
1955	Dry	438	676	1,205	1,538	1,764	1,824	1,605	1,248	694	725	502	504
1956	Wet	514	790	1,290	1,857	2,039	2,039	1,694	1,166	838	634	566	693
1957	Above Normal	664	687	1,073	1,219	1,143	1,196	962	580	207	126	185	366
1958	Wet	713	913	1,176	1,396	1,552	1,846	1,603	1,161	932	580	348	414
1959	Below Normal	388	379	684	718	781	959	772	441	208	200	271	470
1960	Dry	534	643	810	1,120	1,266	1,368	1,067	707	265	194	100	281
1961	Dry	222	437	926	1,230	1,324	1,531	1,275	899	287	234	100	184
1962	Below Normal	205	343	456	728	949	1,180	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,532	1,619	1,346	926	586	575	633	869
1964	Dry	921	1,206	1,584	1,809	1,765	1,721	1,424	1,014	433	452	178	354
1965	Wet	355	478	741	1,121	1,308	1,484	1,248	767	403	259	284	471
1966	Below Normal	413	721	1,213	1,363	1,436	1,464	1,209	807	341	309	359	603
1967	Wet	698	920	1,253	1,581	1,680	1,777	1,513	1,108	971	768	533	593
1968	Below Normal	589	384	723	896	855	1,019	823	489	225	206	272	466
1969	Wet	544	805	1,339	1,654	2,039	2,039	2,039	2,039	1,924	1,756	1,499	1,502
1970	Wet	1,522	1,216	1,371	1,801	1,972	2,039	1,696	1,216	704	592	599	681
1971	Wet	690	866	1,087	1,158	1,168	1,295	1,077	707	396	415	512	745
1972	Below Normal	810	765	1,292	1,529	1,454	1,400	1,155	760	299	275	346	582
1973	Above Normal	722	1,166	1,446	1,683	1,834	1,945	1,637	1,153	785	700	690	791
1974	Wet	877	1,258	1,527	1,741	1,810	1,914	1,520	991	636	439	432	590
1975	Wet	708	711	1,133	1,227	1,264	1,459	1,120	630	348	262	321	512
1976	Critical	705	658	1,097	1,285	1,425	1,552	1,382	1,073	571	464	263	339
1977	Critical	306	382	483	692	865	797	687	599	423	266	337	281
1978	Above Normal	285	316	452	752	1,203	1,471	1,312	1,050	888	726	615	771
1979	Below Normal	790	771	1,192	1,438	1,715	1,897	1,570	1,147	760	706	724	850
1980	Above Normal	1,033	1,154	1,596	1,934	2,039	2,039	1,744	1,263	918	681	502	519
1981	Dry	469	379	713	911	1,038	1,087	898	547	253	206	104	199
1982	Wet	318	748	1,007	1,255	1,679	1,991	2,024	1,673	1,385	1,051	821	891
1983	Wet	1,161	1,488	1,886	2,039	2,039	2,039	2,039	2,039	2,038	1,887	1,708	1,820
1984	Wet	1,978	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,880	2,039	1,795	1,371	1,105	904	748	624
1987	Dry	527	361	663	888	1,061	1,185	1,031	869	634	460	212	245
1988	Critical	338	490	811	1,039	1,026	1,034	971	826	536	624	607	550
1989	Dry	542	838	1,120	1,468	1,513	1,504	1,241	825	442	367	143	308
1990	Critical	361	414	653	892	993	943	788	601	247	453	328	259
1991	Critical	270	383	530	620	724	742	681	531	384	526	376	320
1992	Critical	395	485	666	779	897	1,049	915	710	486	278	203	123
1993	Above Normal	102	212	562	890	1,098	1,224	896	449	277	174	237	436
1994	Critical	519	533	980	1,202	1,371	1,392	1,135	763	190	107	100	100
1995	Wet	100	239	391	652	823	1,321	1,056	1,097	953	799	627	727
1996	Wet	520	379	510	612	1,056	1,432	1,110	708	359	251	318	513
1997	Wet	411	504	1,000	1,473	1,850	2,039	1,635	1,080	611	344	277	423
1998	Wet	350	216	620	735	1,110	1,439	1,239	925	871	774	653	802
1999	Wet	1,085	1,399	1,551	1,665	1,790	1,935	1,634	1,167	798	745	768	687
2000	Above Normal	613	646	1,050	1,110	1,350	1,639	1,337	893	539	333	354	569
2001	Dry	561	615	1,071	1,342	1,502	1,643	1,469	1,156	796	734	400	437
2002	Dry	459	706	1,076	1,313	1,539	1,618	1,278	822	344	333	136	262
2003	Above Normal	279	461	633	809	1,032	1,192	929	545	336	271	314	497

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,339	1,529	1,252	812	675	514	487	675
1923	Below Normal	779	953	1,211	1,311	1,394	1,401	1,181	784	468	443	463	708
1924	Critical	854	1,016	1,204	1,482	1,576	1,485	1,355	1,161	830	775	527	483
1925	Dry	652	822	1,221	1,570	1,754	1,895	1,689	1,280	864	772	521	676
1926	Dry	737	891	1,087	1,372	1,417	1,292	1,168	861	596	610	409	503
1927	Wet	528	1,002	1,311	1,524	1,779	1,837	1,516	1,047	677	624	647	836
1928	Above Normal	849	833	1,284	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	582	532	831	1,049	1,214	1,361	1,307	1,078	749	484	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	826	854	706	911
1931	Critical	973	1,100	1,268	1,600	1,811	1,778	1,615	1,378	1,017	791	506	430
1932	Dry	490	628	1,270	1,633	2,011	2,007	1,850	1,580	1,308	1,071	1,087	1,192
1933	Critical	1,285	1,402	1,673	2,013	2,039	2,039	1,921	1,685	1,296	1,048	975	959
1934	Critical	985	1,091	1,490	1,833	2,037	1,990	1,817	1,547	1,140	707	514	540
1935	Below Normal	539	718	1,084	1,450	1,676	1,794	1,557	1,142	812	741	658	850
1936	Below Normal	1,003	1,164	1,438	1,573	1,964	2,039	1,788	1,359	998	932	847	1,037
1937	Below Normal	1,184	1,267	1,661	1,936	2,039	2,039	1,795	1,432	1,086	924	763	708
1938	Wet	719	1,048	1,331	1,645	1,862	2,039	1,797	1,476	1,336	1,068	828	865
1939	Dry	808	486	806	930	993	966	790	477	176	172	100	145
1940	Above Normal	205	344	441	683	960	1,325	1,105	682	347	197	181	365
1941	Wet	388	397	720	1,056	1,514	1,849	1,536	1,093	776	595	541	656
1942	Wet	597	629	853	1,083	1,255	1,399	1,133	730	493	322	319	489
1943	Wet	534	626	886	1,171	1,384	1,775	1,453	986	552	320	201	305
1944	Dry	236	331	624	849	1,059	1,147	979	674	365	429	326	298
1945	Below Normal	375	878	1,218	1,549	1,835	2,025	1,696	1,191	679	567	547	723
1946	Below Normal	904	1,272	1,606	1,760	1,819	1,826	1,517	1,071	613	546	563	774
1947	Dry	965	1,222	1,555	1,785	1,928	1,863	1,515	1,036	532	492	207	382
1948	Below Normal	469	644	722	797	684	816	635	368	238	227	294	524
1949	Dry	652	820	1,154	1,453	1,698	1,726	1,399	939	399	273	100	293
1950	Below Normal	243	417	619	766	908	1,138	902	543	355	322	344	571
1951	Above Normal	829	1,269	1,817	2,039	2,039	2,039	1,732	1,246	827	607	575	765
1952	Wet	786	989	1,204	1,436	1,534	1,788	1,521	1,225	1,107	855	719	857
1953	Wet	816	858	1,263	1,208	1,226	1,317	1,095	724	312	305	388	638
1954	Above Normal	593	659	1,034	1,172	1,186	1,339	1,086	684	323	133	190	425
1955	Dry	451	694	1,224	1,558	1,783	1,841	1,618	1,255	695	719	489	501
1956	Wet	491	763	1,196	1,785	2,039	2,039	1,694	1,165	836	631	562	689
1957	Above Normal	659	682	1,067	1,213	1,137	1,193	960	578	207	126	185	366
1958	Wet	711	912	1,174	1,394	1,550	1,844	1,547	1,049	790	456	239	310
1959	Below Normal	289	379	687	725	795	971	783	450	214	201	270	472
1960	Dry	535	643	808	1,118	1,263	1,365	1,064	704	262	191	100	281
1961	Dry	221	436	926	1,230	1,323	1,531	1,274	899	287	234	100	184
1962	Below Normal	205	344	456	728	949	1,181	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,527	1,614	1,342	923	584	574	633	870
1964	Dry	922	1,207	1,585	1,811	1,767	1,723	1,425	1,015	434	452	179	354
1965	Wet	355	478	741	1,110	1,268	1,446	1,212	734	375	237	284	473
1966	Below Normal	415	721	1,213	1,361	1,435	1,463	1,209	806	341	309	359	603
1967	Wet	698	920	1,253	1,582	1,673	1,770	1,463	1,048	904	625	391	458
1968	Below Normal	444	379	705	886	855	1,023	825	491	225	205	269	463
1969	Wet	541	801	1,334	1,599	2,039	2,039	1,897	1,936	1,854	1,700	1,468	1,483
1970	Wet	1,491	1,178	1,328	1,758	1,931	2,039	1,678	1,201	691	582	592	687
1971	Wet	697	872	1,095	1,166	1,176	1,301	1,081	711	401	421	520	753
1972	Below Normal	818	772	1,298	1,532	1,457	1,402	1,157	762	300	276	347	583
1973	Above Normal	723	1,166	1,446	1,683	1,834	1,945	1,636	1,153	762	678	668	791
1974	Wet	877	1,258	1,527	1,712	1,778	1,881	1,492	968	608	421	432	592
1975	Wet	712	713	1,136	1,231	1,270	1,465	1,125	635	351	264	322	513
1976	Critical	706	660	1,099	1,287	1,426	1,553	1,383	1,073	570	463	262	338
1977	Critical	304	380	483	692	864	797	687	599	423	266	334	277
1978	Above Normal	283	314	449	749	1,134	1,380	1,212	928	663	419	350	515
1979	Below Normal	543	701	1,069	1,331	1,621	1,804	1,499	1,104	758	738	793	937
1980	Above Normal	1,121	1,318	1,774	2,039	2,039	2,039	1,801	1,365	1,055	878	762	803
1981	Dry	797	714	1,109	1,272	1,311	1,297	1,091	713	253	199	103	205
1982	Wet	328	759	1,017	1,258	1,661	1,971	2,024	1,636	1,285	951	722	793
1983	Wet	1,007	1,334	1,734	2,039	2,039	2,039	2,039	2,039	2,039	1,888	1,728	1,837
1984	Wet	1,995	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,799	2,039	1,778	1,354	1,064	861	705	581
1987	Dry	483	344	645	871	1,044	1,168	1,014	853	619	451	217	249
1988	Critical	342	495	816	1,044	1,032	1,039	977	831	539	622	604	546
1989	Dry	538	833	1,115	1,463	1,508	1,499	1,238	823	440	365	147	305
1990	Critical	357	408	646	888	990	939	784	596	240	446	257	251
1991	Critical	259	371	518	607	710	728	667	518	371	514	366	311
1992	Critical	385	477	657	767	885	1,037	905	702	482	276	204	124
1993	Above Normal	102	212	565	894	1,102	1,221	892	446	274	173	239	439
1994	Critical	522	535	985	1,208	1,377	1,396	1,140	767	192	107	100	100
1995	Wet	100	239	391	651	800	1,264	983	700	517	410	274	371
1996	Wet	235	379	513	621	1,072	1,380	1,064	670	334	240	318	516
1997	Wet	411	504	993	1,471	1,851	2,039	1,635	1,080	608	336	276	422
1998	Wet	350	215	619	734	1,084	1,412	1,199	880	836	752	641	792
1999	Wet	1,078	1,395	1,549	1,666	1,794	1,939	1,637	1,169	800	746	768	687
2000	Above Normal	613	646	1,050	1,110	1,342	1,631	1,330	887	534	326	346	562
2001	Dry	555	609	1,064	1,337	1,499	1,641	1,466	1,153	793	736	398	436
2002	Dry	457	705	1,074	1,310	1,537	1,616	1,276	821	343	332	136	265
2003	Above Normal	278	461	633	808	1,031	1,192	929	545	335	271	314	497

Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	-1	-2	-2	-2	-22	-22	-1	-1
1923	Below Normal	-1	0	0	-7	-11	-9	-8	-7	-5	-3	-3	-2
1924	Critical	-2	-1	-1	1	2	2	2	1	1	1	1	1
1925	Dry	1	0	0	0	0	1	1	1	0	0	-1	-1
1926	Dry	-1	-1	-1	-1	-1	-1	-1	-1	0	0	1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	1	0	0	0
1932	Dry	0	0	0	0	0	-6	-6	-6	-5	-5	-5	-5
1933	Critical	-5	-5	-5	-5	0	0	0	0	0	-1	-1	-1
1934	Critical	-1	-1	146	146	140	115	123	88	76	59	-11	-10
1935	Below Normal	-11	-21	-32	-32	-32	-31	-24	-20	-21	-27	-29	-27
1936	Below Normal	-34	-28	-15	-6	2	0	0	0	0	0	1	1
1937	Below Normal	1	1	1	1	0	0	-17	-30	-76	-76	-75	-75
1938	Wet	-80	-80	-80	-80	-78	0	-56	-382	-378	-384	-386	-387
1939	Dry	-386	-391	-390	-399	-392	-369	-294	-242	-80	-39	0	-4
1940	Above Normal	7	10	11	18	24	22	20	17	11	3	-2	3
1941	Wet	3	13	12	10	0	-13	-12	-63	-60	-57	-27	-26
1942	Wet	-19	2	3	4	-9	-7	-6	-5	-4	-2	-1	0
1943	Wet	0	-1	0	-21	-33	-39	-37	-34	-30	-15	-11	-11
1944	Dry	-9	1	-11	-5	1	2	2	1	0	-6	-4	-3
1945	Below Normal	-4	-4	-4	-5	-65	-14	-13	-11	-8	-4	-1	-1
1946	Below Normal	0	1	-3	-11	-11	-10	-8	-6	-7	-9	-9	-1
1947	Dry	-3	-2	1	4	0	6	5	4	2	0	1	-1
1948	Below Normal	-7	-8	-9	-5	-1	1	1	0	0	-1	-1	-1
1949	Dry	-1	-2	-4	-4	-4	-4	-2	-1	-1	-1	0	0
1950	Below Normal	0	0	0	1	1	1	1	1	1	0	0	0
1951	Above Normal	0	0	-39	0	0	0	0	0	-1	-1	-1	1
1952	Wet	1	1	1	-4	-5	-73	-119	-79	-47	16	79	125
1953	Wet	168	319	359	295	240	158	153	143	42	55	64	72
1954	Above Normal	75	75	93	86	45	33	33	31	18	10	12	15
1955	Dry	13	18	20	20	19	16	13	8	1	-7	-14	-2
1956	Wet	-24	-27	-94	-72	0	0	-1	-1	-2	-3	-4	-4
1957	Above Normal	-5	-5	-6	-6	-6	-3	-3	-2	0	0	0	-1
1958	Wet	-1	-1	-2	-2	-1	-1	-56	-112	-142	-124	-109	-104
1959	Below Normal	-98	0	3	8	14	12	11	9	6	2	-1	2
1960	Dry	1	0	-1	-2	-3	-3	-3	-3	-3	-2	0	0
1961	Dry	-1	0	0	0	0	0	0	0	0	-1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	-5	-4	-4	-3	-2	-1	0	1
1964	Dry	1	1	1	1	2	1	1	1	1	1	1	1
1965	Wet	0	0	0	-10	-40	-38	-36	-33	-28	-22	0	2
1966	Below Normal	2	0	1	-1	-1	-1	-1	-1	0	0	0	0
1967	Wet	0	0	0	0	-7	-7	-50	-60	-67	-143	-142	-134
1968	Below Normal	-145	-5	-19	-10	1	3	3	2	0	-1	-2	-3
1969	Wet	-3	-4	-4	-55	0	0	-142	-103	-70	-56	-31	-18
1970	Wet	-32	-37	-43	-42	-41	0	-17	-15	-12	-10	-7	6
1971	Wet	7	7	8	8	8	5	5	4	5	7	8	8
1972	Below Normal	8	8	6	3	3	2	2	1	1	1	1	1
1973	Above Normal	1	0	0	0	0	0	0	0	-22	-22	-22	0
1974	Wet	0	0	0	-29	-32	-33	-29	-24	-28	-18	-1	2
1975	Wet	4	1	3	4	6	5	5	4	3	2	1	1
1976	Critical	1	2	2	2	1	1	1	0	-1	-1	-1	-2
1977	Critical	-2	-2	0	0	0	0	0	0	0	0	-4	-4
1978	Above Normal	-2	-2	-2	-2	-69	-91	-100	-122	-225	-308	-265	-257
1979	Below Normal	-247	-70	-123	-107	-94	-93	-72	-43	-3	32	69	87
1980	Above Normal	88	164	178	105	0	0	57	101	138	197	260	285
1981	Dry	328	335	396	362	273	211	193	166	0	-6	-1	6
1982	Wet	11	12	10	3	-18	-20	0	-37	-100	-99	-99	-98
1983	Wet	-154	-154	-152	0	0	0	0	0	1	1	21	17
1984	Wet	17	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-80	0	-16	-17	-42	-42	-43	-43
1987	Dry	-44	-17	-17	-17	-17	-17	-16	-16	-14	-9	4	4
1988	Critical	4	5	5	5	6	6	6	5	3	-2	-3	-4
1989	Dry	-4	-5	-5	-5	-5	-5	-3	-2	-2	-2	4	-3
1990	Critical	-4	-6	-7	-5	-3	-3	-4	-5	-6	-8	-72	-8
1991	Critical	-12	-12	-12	-14	-14	-14	-13	-13	-13	-12	-10	-10
1992	Critical	-10	-9	-9	-12	-12	-12	-10	-7	-3	-2	0	1
1993	Above Normal	0	0	3	4	4	-4	-4	-3	-3	0	2	3
1994	Critical	3	2	6	5	5	5	5	5	1	0	0	0
1995	Wet	0	0	0	-1	-23	-57	-73	-397	-436	-389	-354	-356
1996	Wet	-286	0	3	9	16	-52	-46	-38	-25	-10	-1	4
1997	Wet	0	0	-7	-3	1	0	0	0	-3	-7	-1	-1
1998	Wet	-1	-1	-1	-1	-26	-26	-41	-46	-36	-22	-13	-9
1999	Wet	-7	-3	-2	1	4	4	3	3	2	1	0	0
2000	Above Normal	0	0	0	0	-8	-8	-6	-6	-6	-7	-7	-7
2001	Dry	-7	-6	-7	-5	-3	-2	-3	-3	-3	1	-1	-1
2002	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	4
2003	Above Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0

Percent Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-4%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	11%	9%	7%	6%	7%	6%	7%	9%	-2%	-2%
1935	Below Normal	-2%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	-3%	-3%	-4%	-3%
1936	Below Normal	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	-7%	-8%	-9%	-10%
1938	Wet	-10%	-7%	-6%	-5%	-4%	0%	-3%	-21%	-22%	-26%	-32%	-31%
1939	Dry	-32%	-45%	-33%	-30%	-28%	-28%	-27%	-34%	-31%	-19%	0%	-2%
1940	Above Normal	4%	3%	2%	3%	3%	2%	2%	2%	3%	2%	-1%	1%
1941	Wet	1%	3%	2%	1%	0%	-1%	-1%	-5%	-7%	-9%	-5%	-4%
1942	Wet	-3%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%
1943	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-3%	-5%	-4%	-5%	-3%
1944	Dry	-4%	0%	-2%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	-1%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%	0%	0%
1946	Below Normal	0%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-2%	-2%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-4%	-7%	-6%	-4%	2%	12%	17%
1953	Wet	26%	59%	40%	32%	24%	14%	16%	25%	16%	22%	20%	13%
1954	Above Normal	14%	13%	10%	8%	4%	2%	3%	5%	6%	8%	7%	4%
1955	Dry	3%	3%	2%	1%	1%	1%	1%	1%	0%	-1%	-3%	0%
1956	Wet	-5%	-3%	-7%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%
1957	Above Normal	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	-10%	-15%	-21%	-31%	-25%
1959	Below Normal	-25%	0%	0%	1%	2%	1%	1%	2%	3%	1%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	-3%	-3%	-3%	-4%	-7%	-9%	0%	0%
1966	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	-5%	-7%	-19%	-27%	-23%
1968	Below Normal	-25%	-1%	-3%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1969	Wet	-1%	0%	0%	-3%	0%	0%	-7%	-5%	-4%	-3%	-2%	-1%
1970	Wet	-2%	-3%	-3%	-2%	-2%	0%	-1%	-1%	-2%	-2%	-1%	1%
1971	Wet	1%	1%	1%	1%	1%	0%	0%	1%	1%	2%	2%	1%
1972	Below Normal	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	0%
1974	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-4%	-4%	0%	0%
1975	Wet	1%	0%	0%	0%	1%	0%	0%	1%	1%	1%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1978	Above Normal	-1%	-1%	-1%	0%	-6%	-6%	-8%	-12%	-25%	-42%	-43%	-33%
1979	Below Normal	-31%	-9%	-10%	-7%	-6%	-5%	-5%	-4%	0%	5%	10%	10%
1980	Above Normal	9%	14%	11%	5%	0%	0%	3%	8%	15%	29%	52%	55%
1981	Dry	70%	89%	55%	40%	26%	19%	22%	30%	0%	-3%	-1%	3%
1982	Wet	3%	2%	1%	0%	-1%	-1%	0%	-2%	-7%	-9%	-12%	-11%
1983	Wet	-13%	-10%	-8%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1984	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-4%	0%	-1%	-1%	-4%	-5%	-6%	-7%
1987	Dry	-8%	-5%	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-2%	2%	2%
1988	Critical	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	3%	-1%
1990	Critical	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-3%	-2%	-22%	-3%
1991	Critical	-4%	-3%	-2%	-2%	-2%	-2%	-2%	-3%	-3%	-2%	-3%	-3%
1992	Critical	-3%	-2%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	0%	1%
1993	Above Normal	0%	0%	1%	1%	0%	0%	0%	-1%	-1%	0%	1%	1%
1994	Critical	1%	0%	1%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-3%	-4%	-7%	-36%	-46%	-49%	-56%	-49%
1996	Wet	-55%	0%	1%	2%	2%	-4%	-4%	-5%	-7%	-4%	0%	1%
1997	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	-2%	-2%	-3%	-5%	-4%	-3%	-2%	-1%
1999	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-1%	0%	0%	-1%	-1%	-2%	-2%	-1%
2001	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Friant-Kern Canal Diversions (Node D18A)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	963	3,099	3,528	4,436	3,653	3,199	1,789	626	161	107	682	1,305
1923	Above Normal	816	1,652	2,074	2,951	3,102	2,719	1,526	541	146	93	93	690
1924	Critical	247	312	437	918	1,141	707	428	318	149	16	16	167
1925	Below Normal	616	1,122	1,556	2,269	2,382	2,155	1,156	422	126	73	73	413
1926	Dry	570	1,037	1,435	2,090	2,195	1,987	1,069	393	121	68	68	382
1927	Above Normal	891	1,744	2,208	4,017	3,289	2,882	1,615	570	151	98	98	731
1928	Below Normal	638	1,163	1,613	2,351	2,468	2,232	1,195	434	128	75	75	427
1929	Critical	368	463	657	1,425	1,780	1,075	630	466	200	16	16	249
1930	Critical	359	452	640	1,386	1,730	1,046	615	454	196	16	16	242
1931	Critical	161	207	284	568	702	419	288	217	114	16	16	193
1932	Above Normal	899	1,811	2,292	3,263	3,429	3,004	1,682	591	155	101	101	789
1933	Dry	580	1,055	1,463	2,134	2,241	2,028	1,090	400	122	69	69	389
1934	Critical	327	412	581	1,248	1,557	946	560	414	182	16	16	220
1935	Above Normal	802	1,624	2,041	2,905	3,053	2,676	1,503	534	145	92	92	471
1936	Above Normal	1,169	1,639	3,262	3,283	3,130	2,743	1,539	545	147	94	94	390
1937	Wet	508	1,356	1,911	4,121	3,070	2,691	1,511	536	146	430	1,263	1,907
1938	Wet	326	782	1,687	4,462	4,487	3,580	2,208	897	278	220	220	1,024
1939	Dry	785	1,925	1,376	2,002	2,103	1,904	1,026	380	119	66	66	353
1940	Above Normal	795	1,567	2,217	3,397	2,873	2,519	1,417	506	140	87	87	573
1941	Wet	1,541	3,075	2,485	4,362	3,777	3,391	2,093	852	266	209	541	1,926
1942	Wet	957	1,886	3,466	4,396	3,621	3,172	1,774	625	160	106	102	2,033
1943	Wet	508	1,464	3,184	3,250	3,203	2,807	1,574	557	149	95	95	712
1944	Below Normal	624	1,137	1,577	2,301	2,416	2,186	1,171	427	127	74	74	390
1945	Above Normal	932	1,855	2,360	3,433	3,548	3,107	1,739	610	158	595	1,218	986
1946	Above Normal	778	1,574	2,201	2,774	2,916	2,557	1,437	512	141	88	88	826
1947	Dry	602	1,096	1,519	2,213	2,323	2,103	1,128	413	124	72	72	389
1948	Below Normal	389	588	838	1,840	2,302	1,376	797	586	241	16	16	316
1949	Below Normal	541	983	1,362	1,985	2,085	1,888	1,017	377	118	66	66	363
1950	Below Normal	601	1,095	1,518	2,212	2,323	2,102	1,128	413	122	1,271	1,271	1,603
1951	Above Normal	631	1,150	1,594	2,325	2,441	2,208	1,183	430	127	74	74	832
1952	Wet	706	1,735	1,742	4,450	3,792	3,405	2,101	856	267	210	508	1,100
1953	Below Normal	680	1,371	1,722	2,448	2,638	2,322	1,274	460	132	79	79	455
1954	Below Normal	576	1,048	1,452	2,116	2,222	2,011	1,081	397	122	69	69	386
1955	Dry	566	1,030	1,428	2,082	2,186	1,979	1,065	392	121	68	68	1,567
1956	Wet	1,725	1,984	2,538	4,236	3,851	3,372	1,883	656	166	112	112	885
1957	Below Normal	677	1,365	1,714	2,437	2,626	2,312	1,269	458	132	79	79	453
1958	Wet	921	1,609	2,435	4,448	3,774	3,389	2,091	852	266	209	209	889
1959	Dry	583	1,128	1,461	2,128	2,235	2,023	1,087	399	122	69	69	375
1960	Critical	345	435	616	1,328	1,658	1,005	592	438	190	16	16	233
1961	Critical	256	325	456	962	1,197	739	445	331	153	16	16	174
1962	Below Normal	848	1,719	2,158	3,073	3,229	2,830	1,587	561	150	96	96	1,478
1963	Above Normal	919	1,865	2,343	3,337	3,507	3,072	1,719	603	157	103	103	779
1964	Dry	520	943	1,305	1,901	1,997	1,809	977	364	116	63	1,207	1,549
1965	Wet	882	1,789	2,247	3,200	3,363	2,946	1,650	581	153	100	567	987
1966	Below Normal	676	1,348	2,446	2,340	2,456	2,222	1,190	433	128	70	119	1,614
1967	Wet	2,338	1,115	1,554	4,204	4,482	3,626	2,520	1,720	551	484	484	1,787
1968	Dry	466	585	832	1,824	2,282	1,365	790	582	240	16	16	313
1969	Wet	636	541	1,223	2,993	4,480	3,423	2,238	1,529	495	430	1,040	1,758
1970	Above Normal	1,127	1,428	1,793	2,549	2,680	2,351	1,325	476	135	82	82	619
1971	Below Normal	643	1,172	1,625	2,372	2,489	2,252	1,206	438	129	76	76	416
1972	Dry	536	973	1,348	1,962	2,061	1,867	1,006	373	118	65	65	359
1973	Above Normal	841	1,637	1,955	4,089	3,037	2,662	1,495	531	145	91	1,291	1,202
1974	Wet	1,616	1,710	3,360	4,251	3,207	2,811	1,576	557	149	96	96	739
1975	Wet	869	1,721	2,176	3,551	3,235	2,835	1,589	561	150	96	96	719
1976	Critical	376	473	671	1,453	1,815	1,095	642	474	202	16	16	253
1977	Critical	169	216	298	601	742	447	301	226	117	16	16	116
1978	Wet	846	1,143	1,880	4,325	4,486	3,716	2,427	1,657	533	467	1,039	2,020
1979	Above Normal	1,489	1,631	2,933	3,604	3,024	2,651	1,489	529	144	91	80	377
1980	Wet	895	1,125	3,308	4,460	4,146	3,559	2,195	892	277	219	219	934
1981	Dry	653	1,315	1,650	2,343	2,525	2,224	1,222	443	130	77	77	1,636
1982	Wet	2,307	541	2,927	4,461	3,969	3,563	2,197	2,093	1,477	151	112	568
1983	Wet	91	956	1,480	2,351	4,467	3,869	2,873	1,959	1,391	521	1,753	2,042
1984	Above Normal	1,257	1,597	2,005	2,852	2,998	2,628	1,476	525	144	90	90	691
1985	Dry	596	1,084	1,502	2,187	2,296	2,078	1,116	409	124	71	71	390
1986	Wet	465	3,033	3,448	4,429	3,497	3,063	1,714	602	157	103	103	804
1987	Critical	483	875	1,209	1,891	2,366	1,413	817	601	246	16	16	313
1988	Critical	340	428	606	1,306	1,630	988	583	431	188	16	16	230
1989	Critical	395	497	705	1,533	1,916	1,153	674	497	210	16	16	266
1990	Critical	301	380	535	1,144	1,426	871	518	384	172	16	16	204
1991	Critical	422	530	754	1,648	2,060	1,237	720	530	222	16	16	275
1992	Critical	363	457	646	1,397	1,744	1,055	619	458	197	16	16	336
1993	Wet	1,156	3,131	3,486	4,349	3,790	3,319	1,854	647	165	111	111	871
1994	Critical	491	890	1,230	1,790	1,881	1,705	923	346	113	60	218	1,530
1995	Wet	1,036	2,631	2,029	4,076	4,468	3,874	2,876	1,961	622	553	553	2,045
1996	Wet	829	2,772	3,141	4,180	3,268	2,863	1,605	567	151	91	91	658
1997	Wet	1,969	1,583	2,591	2,725	2,865	2,513	1,413	505	140	87	87	390
1998	Wet	902	565	1,578	2,572	4,481	3,577	2,657	1,813	578	511	511	1,953
1999	Above Normal	715	1,445	1,814	2,579	2,711	2,378	1,340	481	136	83	83	604
2000	Above Normal	796	1,598	2,007	3,265	2,946	2,583	1,452	517	142	89	89	679
2001	Dry	568	1,033	1,432	2,085	2,190	1,983	1,066	393	121	68	68	381
2002	Dry	518	940	1,301	1,892	1,988	1,801	972	362	116	63	63	347
2003	Below Normal	623	1,136	1,575	2,297	2,411	2,182	1,169	n/a	n/a	n/a	n/a	n/a

Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,179	1,234	1,886	3,540	4,465	3,909	2,423	1,654	532	466	466	1,778
1923	Above Normal	797	1,610	2,018	3,624	3,077	2,634	1,480	526	144	90	90	669
1924	Critical	249	315	440	926	1,152	713	431	321	150	16	16	169
1925	Below Normal	598	1,089	1,508	2,194	2,304	2,085	1,119	410	124	71	71	400
1926	Dry	563	1,024	1,415	2,058	2,162	1,957	1,053	388	120	67	67	376
1927	Above Normal	827	1,670	2,095	3,472	3,443	2,733	1,534	544	147	93	93	694
1928	Below Normal	621	1,128	1,561	2,269	2,382	2,155	1,155	422	126	73	73	413
1929	Critical	367	463	656	1,419	1,772	1,071	628	464	199	16	16	248
1930	Critical	350	441	624	1,349	1,684	1,020	600	444	192	16	16	237
1931	Critical	118	199	271	537	662	380	275	208	111	16	16	102
1932	Above Normal	825	1,667	2,092	3,553	3,359	2,731	1,532	543	147	93	93	718
1933	Dry	579	1,052	1,459	2,132	2,239	2,026	1,089	400	122	69	69	389
1934	Critical	318	401	564	1,210	1,509	919	545	403	178	16	16	214
1935	Above Normal	758	1,530	1,917	2,711	2,850	2,499	1,406	502	140	86	86	426
1936	Above Normal	847	1,674	2,148	3,483	3,583	2,802	1,571	556	149	95	95	390
1937	Wet	604	1,750	1,851	3,807	3,888	3,484	2,173	1,036	450	306	614	897
1938	Wet	395	1,153	1,869	4,392	4,474	3,998	2,968	2,103	733	573	1,052	2,186
1939	Dry	796	1,610	2,016	3,700	3,007	2,636	1,480	526	144	90	80	377
1940	Above Normal	744	1,499	1,878	3,243	3,034	2,448	1,378	493	138	85	85	554
1941	Wet	1,149	1,201	1,767	3,460	4,288	3,889	2,361	1,613	519	454	454	1,731
1942	Wet	1,074	1,124	1,716	3,478	4,454	3,452	2,212	1,512	490	425	319	1,620
1943	Wet	412	1,771	2,551	3,911	4,086	3,605	2,130	686	165	111	111	844
1944	Below Normal	615	1,118	1,550	2,253	2,366	2,141	1,148	419	125	73	73	390
1945	Above Normal	907	1,835	2,304	3,756	3,916	3,191	1,684	592	155	101	101	790
1946	Above Normal	784	1,581	1,982	3,621	2,973	2,586	1,453	518	142	89	89	680
1947	Dry	601	1,093	1,513	2,202	2,312	2,092	1,123	411	124	71	71	387
1948	Below Normal	463	581	828	1,816	2,272	1,359	787	579	239	16	16	312
1949	Below Normal	532	967	1,338	1,947	2,045	1,852	999	371	117	65	65	357
1950	Below Normal	588	1,071	1,483	2,159	2,267	2,051	1,102	404	122	70	70	394
1951	Above Normal	849	1,716	2,155	3,709	3,397	2,816	1,579	558	149	96	96	715
1952	Wet	884	970	1,679	3,460	4,410	3,895	2,549	1,740	557	490	490	1,872
1953	Below Normal	726	1,467	1,838	2,606	2,740	2,403	1,353	485	137	84	84	632
1954	Below Normal	575	1,046	1,448	2,107	2,213	2,003	1,077	396	121	69	69	385
1955	Dry	559	1,016	1,410	2,055	2,158	1,954	1,052	388	120	67	67	363
1956	Wet	1,258	1,316	2,016	3,421	4,185	3,739	2,594	1,770	566	499	499	1,906
1957	Below Normal	730	1,471	1,845	2,613	2,748	2,410	1,357	487	137	84	84	634
1958	Wet	1,016	772	1,670	3,190	3,970	3,531	2,305	1,690	1,416	443	564	1,689
1959	Dry	601	1,093	1,512	2,204	2,314	2,094	1,124	411	124	71	71	388
1960	Critical	343	432	610	1,315	1,641	995	586	434	189	16	16	231
1961	Critical	249	316	441	929	1,155	715	432	322	150	16	16	169
1962	Below Normal	771	1,555	1,949	3,599	2,900	2,543	1,430	510	141	88	88	669
1963	Above Normal	845	1,708	2,145	3,832	3,568	2,801	1,571	555	149	95	95	711
1964	Dry	519	942	1,306	1,904	2,000	1,812	978	364	116	63	63	349
1965	Wet	904	1,830	2,298	4,101	3,751	3,001	1,681	591	155	101	101	788
1966	Below Normal	669	1,344	1,682	2,381	2,565	2,259	1,241	449	131	70	78	443
1967	Wet	1,407	1,306	1,862	2,986	3,733	3,996	2,968	2,148	1,159	567	945	2,097
1968	Dry	708	1,429	1,790	2,538	2,734	2,407	1,319	474	135	82	70	390
1969	Wet	949	793	1,769	3,541	4,476	4,056	3,020	2,191	822	608	571	2,186
1970	Above Normal	1,018	1,668	2,017	4,378	4,256	3,396	2,096	853	267	209	209	891
1971	Below Normal	636	1,158	1,605	2,335	2,451	2,218	1,188	432	128	75	75	410
1972	Dry	532	965	1,338	1,949	2,048	1,854	1,000	371	117	65	65	357
1973	Above Normal	793	1,602	1,906	3,420	3,267	2,631	1,478	525	144	90	90	692
1974	Wet	996	2,018	2,533	4,146	4,331	3,351	1,847	645	164	110	110	867
1975	Wet	805	1,624	2,040	3,475	3,282	2,662	1,495	531	145	91	91	676
1976	Critical	378	475	673	1,462	1,826	1,102	645	476	203	16	16	255
1977	Critical	162	208	285	572	706	380	289	218	114	16	16	112
1978	Wet	1,084	1,406	2,292	3,389	3,995	4,455	2,968	2,023	641	571	571	2,186
1979	Above Normal	1,157	1,212	1,851	3,646	4,431	3,639	2,378	1,624	523	457	123	1,127
1980	Wet	1,219	1,488	2,282	3,307	4,037	4,313	3,006	2,002	634	565	565	2,163
1981	Dry	739	1,489	1,864	2,639	2,775	2,434	1,370	491	138	84	84	640
1982	Wet	1,409	847	2,286	3,019	3,766	4,031	3,004	2,180	823	1,021	265	1,346
1983	Wet	128	1,028	1,578	3,119	4,476	4,471	2,983	2,023	641	539	1,771	2,111
1984	Above Normal	1,227	1,286	1,963	3,672	4,361	3,631	2,524	1,722	552	485	485	1,853
1985	Dry	646	1,297	1,624	2,358	2,475	2,239	1,199	436	128	75	75	390
1986	Wet	748	1,348	2,064	3,045	3,830	3,582	2,661	1,908	1,487	512	679	1,956
1987	Critical	569	1,034	1,431	2,086	2,191	1,983	1,067	393	121	68	68	368
1988	Critical	359	452	639	1,383	1,726	1,044	614	453	195	16	16	242
1989	Critical	388	487	689	1,498	1,871	1,128	660	487	207	16	16	260
1990	Critical	294	372	521	1,113	1,388	849	506	375	168	16	16	199
1991	Critical	415	521	740	1,613	2,017	1,212	706	520	218	16	16	269
1992	Critical	354	445	628	1,354	1,690	1,023	602	445	193	16	16	237
1993	Wet	1,035	1,694	2,046	4,327	4,385	3,452	2,122	864	269	212	212	902
1994	Critical	502	910	1,259	1,835	1,928	1,747	945	353	114	62	62	337
1995	Wet	1,095	1,501	2,125	3,164	4,476	4,471	3,051	2,419	641	571	571	2,111
1996	Wet	1,250	1,356	3,037	4,394	4,465	3,745	2,713	1,851	590	296	123	1,901
1997	Wet	1,935	1,281	2,058	3,417	4,265	3,904	2,507	1,711	548	482	482	1,176
1998	Wet	1,048	730	1,828	3,067	4,311	3,998	2,968	2,023	641	571	571	2,186
1999	Above Normal	1,069	1,754	2,120	4,440	4,467	3,676	2,201	894	277	220	220	904
2000	Above Normal	744	1,499	1,877	3,276	3,003	2,448	1,378	493	138	85	85	644
2001	Dry	573	1,040	1,442	2,098	2,203	1,994	1,072	395	121	68	68	383
2002	Dry	511	927	1,282	1,865	1,960	1,775	959	358	115	62	62	343
2003	Below Normal	604	1,099	1,523	2,215	2,326	2,105	1,129	n/a	n/a	n/a	n/a	n/a

Change in Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	217	-1,866	-1,641	-896	813	710	634	1,029	371	359	-216	473
1923	Above Normal	-18	-42	-56	672	-25	-85	-46	-15	-3	-2	-2	-21
1924	Critical	2	2	3	8	11	6	3	2	1	0	0	1
1925	Below Normal	-18	-33	-48	-75	-78	-70	-36	-12	-2	-2	-2	-13
1926	Dry	-7	-13	-21	-32	-33	-30	-15	-5	-1	-1	-1	-6
1927	Above Normal	-64	-74	-113	-546	155	-148	-81	-26	-5	-4	-4	-37
1928	Below Normal	-18	-35	-52	-82	-86	-77	-40	-13	-2	-2	-2	-14
1929	Critical	-1	-1	-1	-6	-7	-4	-2	-2	-1	0	0	-1
1930	Critical	-8	-10	-16	-36	-46	-26	-15	-11	-4	0	0	-6
1931	Critical	-44	-8	-13	-32	-40	-39	-13	-9	-3	0	0	-91
1932	Above Normal	-74	-145	-200	290	-70	-273	-150	-48	-8	-8	-8	-71
1933	Dry	-1	-3	-3	-2	-2	-2	-1	0	0	0	0	0
1934	Critical	-9	-11	-18	-38	-47	-27	-15	-11	-4	0	0	-6
1935	Above Normal	-44	-95	-124	-194	-203	-177	-97	-31	-5	-5	-5	-45
1936	Above Normal	-322	34	-1,114	200	453	58	32	10	2	2	2	0
1937	Wet	97	394	-61	-314	818	793	662	500	304	-124	-648	-1,010
1938	Wet	69	371	181	-69	-13	418	760	1,206	455	353	832	1,162
1939	Dry	11	-315	640	1,698	904	732	455	147	25	24	14	24
1940	Above Normal	-51	-68	-339	-154	162	-71	-39	-13	-2	-2	-2	-19
1941	Wet	-393	-1,875	-717	-902	511	498	268	760	253	245	-87	-195
1942	Wet	117	-762	-1,751	-918	833	280	439	886	329	319	218	-413
1943	Wet	-96	307	-633	660	883	798	556	129	16	15	15	132
1944	Below Normal	-9	-19	-28	-48	-50	-45	-23	-7	-1	-1	-1	0
1945	Above Normal	-25	-19	-56	323	369	84	-54	-18	-3	-493	-1,117	-196
1946	Above Normal	6	8	-219	848	57	29	16	5	1	1	1	-146
1947	Dry	-1	-4	-6	-11	-12	-10	-5	-2	0	0	0	-2
1948	Below Normal	74	-6	-9	-25	-31	-18	-10	-7	-2	0	0	-4
1949	Below Normal	-9	-17	-24	-38	-40	-36	-18	-6	-1	-1	-1	-7
1950	Below Normal	-13	-24	-35	-54	-56	-51	-26	-8	0	-1,201	-1,201	-1,209
1951	Above Normal	218	566	560	1,383	956	608	396	128	22	21	21	-117
1952	Wet	178	-765	-64	-990	618	491	448	884	290	280	-18	772
1953	Below Normal	46	95	117	158	103	81	79	25	4	4	4	177
1954	Below Normal	-1	-2	-4	-8	-8	-8	-4	-1	0	0	0	-1
1955	Dry	-8	-14	-18	-27	-28	-25	-13	-4	-1	-1	-1	-1,204
1956	Wet	-467	-668	-522	-815	334	367	711	1,114	400	387	387	1,021
1957	Below Normal	54	107	131	176	122	98	88	28	5	5	5	181
1958	Wet	95	-838	-766	-1,258	196	142	214	838	1,150	234	355	800
1959	Dry	18	-35	51	76	79	71	37	12	2	2	2	13
1960	Critical	-2	-3	-6	-13	-17	-10	-5	-4	-1	0	0	-2
1961	Critical	-8	-9	-15	-34	-42	-24	-13	-10	-3	0	0	-5
1962	Below Normal	-77	-163	-210	526	-329	-287	-157	-51	-9	-8	-8	-809
1963	Above Normal	-74	-157	-198	495	61	-271	-148	-48	-8	-8	-8	-68
1964	Dry	0	-1	0	3	3	3	2	0	0	0	-1,144	-1,199
1965	Wet	22	41	51	901	388	55	30	10	2	2	-466	-199
1966	Below Normal	-7	-4	-764	41	109	37	51	16	3	0	-42	-1,171
1967	Wet	-931	190	308	-1,218	-750	371	448	428	608	83	460	310
1968	Dry	242	845	958	714	452	1,042	529	-107	-105	66	53	77
1969	Wet	313	251	546	548	-4	633	782	662	328	178	-469	428
1970	Above Normal	-110	241	224	1,829	1,576	1,044	771	377	131	127	127	272
1971	Below Normal	-6	-14	-20	-36	-38	-34	-18	-6	-1	-1	-1	-6
1972	Dry	-4	-8	-10	-13	-14	-12	-6	-2	0	0	0	-2
1973	Above Normal	-48	-35	-50	-669	230	-31	-17	-6	-1	-1	-1,201	-510
1974	Wet	-620	308	-827	-105	1,124	541	271	87	15	15	15	129
1975	Wet	-64	-97	-136	-76	48	-173	-95	-30	-5	-5	-5	-43
1976	Critical	1	2	3	9	11	6	4	3	1	0	0	1
1977	Critical	-7	-9	-13	-29	-36	-67	-12	-8	-3	0	0	-5
1978	Wet	238	263	412	-937	-491	739	540	366	108	105	-467	167
1979	Above Normal	-332	-419	-1,082	43	1,408	989	889	1,095	378	366	43	750
1980	Wet	324	363	-1,026	-1,153	-108	754	811	1,110	358	346	346	1,229
1981	Dry	86	174	214	296	250	210	148	48	8	8	8	-996
1982	Wet	-898	306	-641	-1,441	-203	468	807	88	-653	871	153	778
1983	Wet	36	71	98	768	9	602	110	64	-751	18	18	69
1984	Above Normal	-30	-311	-43	820	1,363	1,002	1,047	1,197	408	395	395	1,162
1985	Dry	50	213	122	171	179	161	83	27	5	4	4	0
1986	Wet	283	-1,685	-1,384	-1,385	333	519	946	1,306	1,331	409	576	1,152
1987	Critical	86	160	222	195	-175	570	250	-208	-125	52	52	55
1988	Critical	19	23	33	77	97	56	31	22	8	0	0	12
1989	Critical	-7	-9	-16	-35	-45	-26	-14	-10	-4	0	0	-6
1990	Critical	-7	-8	-14	-31	-38	-22	-12	-9	-3	0	0	-5
1991	Critical	-7	-10	-14	-35	-44	-25	-14	-10	-3	0	0	-5
1992	Critical	-9	-12	-19	-43	-54	-31	-17	-12	-4	0	0	-99
1993	Wet	-121	-1,437	-1,440	-21	595	133	268	217	105	101	101	31
1994	Critical	11	21	29	45	47	42	22	7	1	1	-156	-1,192
1995	Wet	59	-1,130	95	-912	8	597	175	458	18	18	18	66
1996	Wet	421	-1,417	-104	214	1,197	882	1,108	1,285	439	205	32	1,243
1997	Wet	-34	-302	-533	692	1,399	1,391	1,094	1,207	408	395	395	786
1998	Wet	146	164	250	494	-171	421	311	211	62	60	60	233
1999	Above Normal	354	309	306	1,861	1,755	1,298	861	413	141	137	137	299
2000	Above Normal	-51	-99	-129	11	56	-135	-74	-24	-4	-4	-4	-35
2001	Dry	4	7	10	12	13	12	6	2	0	0	0	2
2002	Dry	-7	-13	-19	-27	-29	-26	-13	-4	-1	-1	-1	-5
2003	Below Normal	-19	-37	-52	-81	-85	-77	-40	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Friant-Kern Canal Diversions (Node D18A)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	23%	-60%	-47%	-20%	22%	22%	35%	164%	230%	335%	-32%	36%
1923	Above Normal	-2%	-3%	-3%	23%	-1%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
1924	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%
1925	Below Normal	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
1926	Dry	-1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1927	Above Normal	-7%	-4%	-5%	-14%	5%	-5%	-5%	-5%	-3%	-4%	-4%	-5%
1928	Below Normal	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	0%	0%	-2%
1931	Critical	-27%	-4%	-5%	-6%	-6%	-9%	-4%	-4%	-3%	0%	0%	-47%
1932	Above Normal	-8%	-8%	-9%	9%	-2%	-9%	-9%	-8%	-5%	-8%	-8%	-9%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-3%
1935	Above Normal	-5%	-6%	-6%	-7%	-7%	-7%	-6%	-6%	-4%	-6%	-6%	-9%
1936	Above Normal	-28%	2%	-34%	6%	14%	2%	2%	2%	1%	2%	2%	0%
1937	Wet	19%	29%	-3%	-8%	27%	29%	44%	93%	209%	-29%	-51%	-53%
1938	Wet	21%	47%	11%	-2%	0%	12%	34%	134%	164%	160%	378%	114%
1939	Dry	1%	-16%	47%	85%	43%	38%	44%	39%	21%	37%	22%	7%
1940	Above Normal	-6%	-4%	-15%	-5%	6%	-3%	-3%	-2%	-2%	-2%	-2%	-3%
1941	Wet	-25%	-61%	-29%	-21%	14%	15%	13%	89%	95%	117%	-16%	-10%
1942	Wet	12%	-40%	-51%	-21%	23%	9%	25%	142%	206%	300%	214%	-20%
1943	Wet	-19%	21%	-20%	20%	28%	28%	35%	23%	11%	16%	16%	18%
1944	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	0%
1945	Above Normal	-3%	-1%	-2%	9%	10%	3%	-3%	-3%	-2%	-83%	-92%	-20%
1946	Above Normal	1%	0%	-10%	31%	2%	1%	1%	1%	1%	1%	1%	-18%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	19%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	-2%
1950	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	-94%	-94%	-75%
1951	Above Normal	34%	49%	35%	59%	39%	28%	34%	30%	17%	29%	29%	-14%
1952	Wet	25%	-44%	-4%	-22%	16%	14%	21%	103%	108%	134%	-4%	70%
1953	Below Normal	7%	7%	7%	6%	4%	4%	6%	6%	3%	5%	5%	39%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-77%
1956	Wet	-27%	-34%	-21%	-19%	9%	11%	38%	170%	240%	345%	345%	115%
1957	Below Normal	8%	8%	8%	7%	5%	4%	7%	6%	4%	6%	6%	40%
1958	Wet	10%	-52%	-31%	-28%	5%	4%	10%	98%	432%	112%	170%	90%
1959	Dry	3%	-3%	3%	4%	4%	4%	3%	3%	2%	3%	3%	3%
1960	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1961	Critical	-3%	-3%	-3%	-3%	-4%	-3%	-3%	-3%	-2%	0%	0%	-3%
1962	Below Normal	-9%	-10%	-10%	17%	-10%	-10%	-10%	-9%	-6%	-9%	-9%	-55%
1963	Above Normal	-8%	-8%	-8%	15%	2%	-9%	-9%	-8%	-5%	-8%	-8%	-9%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-95%	-77%
1965	Wet	2%	2%	2%	28%	12%	2%	2%	2%	1%	2%	-82%	-20%
1966	Below Normal	-1%	0%	-31%	2%	4%	2%	4%	4%	2%	0%	-35%	-73%
1967	Wet	-40%	17%	20%	-29%	-17%	10%	18%	25%	110%	17%	95%	17%
1968	Dry	52%	144%	115%	39%	20%	76%	67%	-18%	-44%	403%	328%	25%
1969	Wet	49%	46%	45%	18%	0%	18%	35%	43%	66%	41%	-45%	24%
1970	Above Normal	-10%	17%	13%	72%	59%	44%	58%	79%	97%	155%	155%	44%
1971	Below Normal	-1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1972	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%
1973	Above Normal	-6%	-2%	-3%	-16%	8%	-1%	-1%	-1%	-1%	-1%	-93%	-42%
1974	Wet	-38%	18%	-25%	-2%	35%	19%	17%	16%	10%	15%	15%	17%
1975	Wet	-7%	-6%	-6%	-2%	1%	-6%	-6%	-5%	-4%	-5%	-5%	-6%
1976	Critical	0%	0%	0%	1%	1%	1%	1%	1%	0%	0%	0%	1%
1977	Critical	-4%	-4%	-5%	-5%	-5%	-15%	-4%	-4%	-2%	0%	0%	-4%
1978	Wet	28%	23%	22%	-22%	-11%	20%	22%	22%	20%	22%	-45%	8%
1979	Above Normal	-22%	-26%	-37%	1%	47%	37%	60%	207%	262%	403%	53%	199%
1980	Wet	36%	32%	-31%	-26%	-3%	21%	37%	124%	129%	158%	158%	132%
1981	Dry	13%	13%	13%	13%	10%	9%	12%	11%	6%	10%	10%	-61%
1982	Wet	-39%	57%	-22%	-32%	-5%	13%	37%	4%	-44%	578%	136%	137%
1983	Wet	40%	7%	7%	33%	0%	16%	4%	3%	-54%	4%	1%	3%
1984	Above Normal	-2%	-19%	-2%	29%	45%	38%	71%	228%	284%	438%	438%	168%
1985	Dry	8%	20%	8%	8%	8%	8%	7%	7%	4%	6%	6%	0%
1986	Wet	61%	-56%	-40%	-31%	10%	17%	55%	217%	848%	397%	559%	143%
1987	Critical	18%	18%	18%	10%	-7%	40%	31%	-35%	-51%	319%	319%	18%
1988	Critical	6%	5%	5%	6%	6%	6%	5%	5%	4%	0%	0%	5%
1989	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	0%	-2%
1990	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	0%	0%	-2%
1991	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	0%	0%	-2%
1992	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-29%
1993	Wet	-10%	-46%	-41%	0%	16%	4%	14%	33%	64%	92%	92%	4%
1994	Critical	2%	2%	2%	3%	2%	2%	2%	2%	1%	2%	-72%	-78%
1995	Wet	6%	-43%	5%	-22%	0%	15%	6%	23%	3%	3%	3%	3%
1996	Wet	51%	-51%	-3%	5%	37%	31%	69%	227%	291%	225%	35%	189%
1997	Wet	-2%	-19%	-21%	25%	49%	55%	77%	239%	291%	455%	455%	201%
1998	Wet	16%	29%	16%	19%	-4%	12%	12%	12%	11%	12%	12%	12%
1999	Above Normal	49%	21%	17%	72%	65%	55%	64%	86%	104%	165%	165%	50%
2000	Above Normal	-6%	-6%	-6%	0%	2%	-5%	-5%	-5%	-3%	-4%	-4%	-5%
2001	Dry	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	1%
2002	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
2003	Below Normal	-3%	-3%	-3%	-4%	-4%	-4%	-3%	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	957	1,250	1,225	1,064	400	48	5	0	6	5
1923	Above Normal	117	322	617	855	1,000	867	322	39	0	0	0	0
1924	Critical	0	0	111	301	369	257	36	0	0	0	0	0
1925	Below Normal	0	0	263	793	963	665	106	0	0	0	0	0
1926	Dry	0	0	238	711	865	597	94	0	0	0	0	0
1927	Above Normal	116	348	671	1,072	1,080	937	350	38	2	1	1	3
1928	Below Normal	0	0	277	834	1,013	699	112	0	0	0	0	0
1929	Critical	0	0	159	457	557	386	58	0	0	0	0	0
1930	Critical	0	0	155	445	543	376	56	0	0	0	0	0
1931	Critical	0	0	77	194	140	49	246	0	0	0	0	4
1932	Above Normal	117	366	703	974	1,138	987	369	48	5	0	0	0
1933	Dry	0	0	242	726	882	609	96	0	0	0	0	0
1934	Critical	0	0	142	403	491	341	50	0	0	0	0	0
1935	Above Normal	65	107	645	894	1,045	906	337	49	0	0	0	32
1936	Above Normal	59	329	824	916	1,011	876	326	30	5	1	1	65
1937	Wet	43	517	791	1,101	987	855	317	38	0	3	12	0
1938	Wet	9	219	1,124	1,250	1,250	1,221	462	35	15	0	0	14
1939	Dry	32	143	229	683	830	573	90	0	0	0	0	0
1940	Above Normal	78	302	622	1,174	1,250	930	145	0	0	0	0	107
1941	Wet	15	14	1,016	1,250	1,250	1,250	568	75	20	10	13	11
1942	Wet	68	391	932	1,213	1,231	1,069	402	51	5	0	52	29
1943	Wet	168	337	820	925	1,041	903	336	41	1	0	0	0
1944	Below Normal	0	0	268	809	983	678	108	0	0	0	0	155
1945	Above Normal	107	379	732	1,029	1,190	1,033	388	48	5	5	12	14
1946	Above Normal	109	301	617	789	923	800	296	36	0	0	0	22
1947	Dry	0	0	255	765	929	641	102	0	0	0	0	0
1948	Below Normal	0	0	199	585	712	492	76	0	0	0	0	0
1949	Below Normal	0	0	227	676	822	568	89	0	0	0	0	0
1950	Below Normal	0	0	255	764	929	641	102	0	0	201	62	68
1951	Above Normal	0	0	272	821	998	688	110	0	0	0	0	5
1952	Wet	3	249	1,076	1,250	1,250	1,195	451	67	10	0	3	15
1953	Below Normal	0	0	302	916	1,112	767	124	0	0	0	0	0
1954	Below Normal	0	0	241	720	875	604	96	0	0	0	0	0
1955	Dry	0	0	237	709	861	595	94	0	0	130	274	28
1956	Wet	221	411	795	1,215	1,250	1,171	442	59	8	0	0	0
1957	Below Normal	0	0	300	911	1,105	762	123	0	0	0	0	0
1958	Wet	31	3	1,082	1,250	1,250	1,183	447	66	10	0	0	0
1959	Dry	0	11	242	724	880	608	96	0	0	0	0	0
1960	Critical	0	0	150	428	521	362	54	0	0	0	0	0
1961	Critical	0	0	115	315	385	268	38	0	0	0	0	0
1962	Below Normal	87	343	655	908	1,060	920	343	43	1	0	0	31
1963	Above Normal	138	379	720	998	1,166	1,012	379	38	7	0	0	0
1964	Dry	0	0	219	648	788	545	85	0	0	0	12	78
1965	Wet	130	359	683	947	1,106	960	359	43	1	0	5	9
1966	Below Normal	1	0	421	829	1,006	694	111	0	0	0	0	50
1967	Wet	217	14	1,250	1,250	1,250	1,250	812	257	15	11	9	45
1968	Dry	0	0	197	580	706	488	76	0	0	0	114	0
1969	Wet	3	285	1,166	1,250	1,250	1,156	646	70	19	0	6	5
1970	Above Normal	32	0	318	968	1,175	810	131	0	0	0	0	0
1971	Below Normal	0	0	279	845	1,026	708	113	0	0	0	0	0
1972	Dry	0	0	225	669	813	562	88	0	0	0	0	0
1973	Above Normal	24	326	626	1,080	973	843	313	29	2	1	54	21
1974	Wet	192	338	850	1,092	1,043	904	337	41	1	0	0	0
1975	Wet	47	347	668	998	1,073	931	347	44	1	0	0	0
1976	Critical	0	0	162	466	568	393	59	0	0	0	0	0
1977	Critical	0	0	80	204	251	49	154	0	0	0	0	97
1978	Wet	13	3	1,250	1,250	1,250	1,250	734	171	10	0	6	2
1979	Above Normal	21	317	755	949	967	838	311	38	0	0	154	234
1980	Wet	103	522	1,064	1,250	1,250	1,213	458	59	10	0	0	0
1981	Dry	0	0	285	862	1,047	722	116	0	0	0	0	40
1982	Wet	10	116	1,169	1,250	1,250	1,250	542	232	92	217	232	2
1983	Wet	0	34	1,250	1,250	1,250	1,250	986	193	102	226	64	38
1984	Above Normal	184	308	590	818	957	829	307	37	0	0	0	0
1985	Dry	0	0	251	751	913	630	100	0	0	0	0	215
1986	Wet	149	488	902	1,225	1,162	1,008	378	47	8	0	0	0
1987	Critical	0	0	204	601	731	505	79	0	0	0	0	0
1988	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1989	Critical	0	0	169	491	597	414	63	0	0	0	0	0
1990	Critical	0	0	132	371	453	315	46	0	0	0	0	0
1991	Critical	0	0	180	526	640	443	68	0	0	0	0	0
1992	Critical	0	0	157	449	547	379	57	0	0	0	0	4
1993	Wet	45	517	945	1,222	1,250	1,134	427	55	5	0	0	0
1994	Critical	0	0	207	612	744	514	80	0	0	0	1	57
1995	Wet	78	311	1,250	1,250	1,250	1,250	1,113	418	21	13	10	24
1996	Wet	227	484	821	1,092	1,067	926	345	35	3	98	698	136
1997	Wet	246	304	684	1,060	1,250	923	144	0	0	0	0	94
1998	Wet	47	83	1,250	1,250	1,250	1,250	928	198	56	43	34	57
1999	Above Normal	0	0	323	984	1,194	823	133	0	0	0	0	0
2000	Above Normal	17	316	605	897	959	831	308	8	7	5	4	4
2001	Dry	0	0	238	710	863	596	94	0	0	0	0	0
2002	Dry	0	0	218	646	785	543	85	0	0	0	0	0
2003	Below Normal	0	0	268	807	980	676	108	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	1,028	1,250	1,250	1,250	1,114	265	18	8	6	6
1923	Above Normal	113	311	595	821	960	832	308	37	0	0	0	0
1924	Critical	0	0	111	304	372	259	36	0	0	0	0	0
1925	Below Normal	0	0	252	755	918	633	101	0	0	0	0	0
1926	Dry	0	0	235	701	852	588	93	0	0	0	0	0
1927	Above Normal	108	328	626	863	1,009	875	325	36	1	1	0	2
1928	Below Normal	0	0	265	793	963	665	106	0	0	0	0	0
1929	Critical	0	0	159	456	555	385	58	0	0	0	0	0
1930	Critical	0	0	152	434	529	367	55	0	0	0	0	0
1931	Critical	0	0	74	184	88	49	278	0	0	0	0	0
1932	Above Normal	108	327	625	862	1,008	874	325	40	0	0	0	0
1933	Dry	0	0	242	725	881	608	96	0	0	0	0	0
1934	Critical	0	0	138	391	477	332	49	0	0	0	0	0
1935	Above Normal	0	0	347	1,052	1,250	903	147	0	0	0	0	0
1936	Above Normal	18	347	661	910	1,064	922	344	34	7	2	2	0
1937	Wet	10	439	841	1,169	1,250	1,250	481	81	10	0	0	0
1938	Wet	0	219	1,250	1,250	1,250	1,250	1,164	161	71	63	51	87
1939	Dry	113	311	594	821	960	832	308	37	0	0	0	0
1940	Above Normal	0	0	338	1,023	1,242	856	139	0	0	0	0	0
1941	Wet	0	14	1,064	1,250	1,250	1,250	1,229	142	64	48	38	34
1942	Wet	144	523	875	1,154	1,250	1,190	665	127	10	0	0	0
1943	Wet	43	428	816	1,124	1,250	1,180	445	63	5	0	0	0
1944	Below Normal	0	0	262	785	954	658	105	0	0	0	0	0
1945	Above Normal	104	374	710	979	1,143	992	371	48	5	0	0	0
1946	Above Normal	111	303	581	801	937	812	300	36	0	0	0	0
1947	Dry	0	0	254	759	922	637	101	0	0	0	0	0
1948	Below Normal	0	0	197	577	703	486	75	0	0	0	0	0
1949	Below Normal	0	0	224	664	807	558	88	0	0	0	0	0
1950	Below Normal	0	0	247	737	896	618	98	0	0	0	0	0
1951	Above Normal	121	340	648	895	1,046	907	338	41	1	0	0	0
1952	Wet	3	249	1,115	1,250	1,250	1,250	1,174	385	71	68	68	83
1953	Below Normal	0	0	329	998	1,211	835	135	0	0	0	0	0
1954	Below Normal	0	0	240	717	872	602	95	0	0	0	0	0
1955	Dry	0	0	234	700	850	587	93	0	0	0	0	0
1956	Wet	176	594	1,071	1,250	1,250	1,250	1,199	262	74	68	57	94
1957	Below Normal	0	0	330	1,002	1,216	838	136	0	0	0	0	0
1958	Wet	35	3	1,023	1,250	1,250	1,250	1,111	289	10	0	0	0
1959	Dry	0	0	253	760	923	637	101	0	0	0	0	0
1960	Critical	0	0	149	423	516	358	53	0	0	0	0	0
1961	Critical	0	0	111	305	373	260	36	0	0	0	0	0
1962	Below Normal	78	299	573	1,086	1,250	972	147	0	0	0	0	0
1963	Above Normal	123	337	644	888	1,038	900	335	34	3	1	1	4
1964	Dry	0	0	219	649	790	546	86	0	0	0	0	0
1965	Wet	135	370	703	970	1,133	983	368	47	5	0	0	0
1966	Below Normal	0	0	293	881	1,070	738	119	0	0	0	0	0
1967	Wet	168	14	1,250	1,250	1,250	1,250	1,218	417	71	68	68	95
1968	Dry	0	0	318	963	1,169	805	130	0	0	0	0	0
1969	Wet	3	285	1,250	1,250	1,250	1,250	1,164	148	71	66	52	62
1970	Above Normal	124	436	823	1,136	1,250	1,200	453	69	10	0	0	0
1971	Below Normal	0	0	275	826	1,004	692	111	0	0	0	0	0
1972	Dry	0	0	223	665	808	558	88	0	0	0	0	0
1973	Above Normal	23	316	606	838	980	849	315	31	2	2	1	1
1974	Wet	128	422	797	1,098	1,250	1,133	427	55	5	0	0	0
1975	Wet	47	321	614	846	989	857	318	41	0	0	0	0
1976	Critical	0	0	162	469	571	396	60	0	0	0	0	0
1977	Critical	0	0	77	195	240	49	145	0	0	0	0	0
1978	Wet	0	3	1,250	1,250	1,250	1,250	836	423	71	68	68	76
1979	Above Normal	104	520	978	1,250	1,250	1,250	927	222	14	5	4	3
1980	Wet	33	758	1,250	1,250	1,250	1,250	1,250	379	71	68	68	92
1981	Dry	0	0	335	1,015	1,232	849	138	0	0	0	0	0
1982	Wet	38	52	1,250	1,250	1,250	1,250	862	175	71	68	256	0
1983	Wet	37	34	1,250	1,250	1,250	1,250	986	193	89	229	61	36
1984	Above Normal	189	619	1,028	1,250	1,250	1,250	1,119	192	50	39	31	60
1985	Dry	0	0	279	838	1,018	702	112	0	0	0	0	0
1986	Wet	20	509	1,144	1,250	1,250	1,250	1,095	418	74	68	68	86
1987	Critical	0	0	238	710	863	596	94	0	0	0	0	0
1988	Critical	0	0	155	444	542	376	56	0	0	0	0	0
1989	Critical	0	0	166	480	584	405	61	0	0	0	0	0
1990	Critical	0	0	129	362	441	307	44	0	0	0	0	0
1991	Critical	0	0	177	515	627	434	66	0	0	0	0	0
1992	Critical	0	0	152	435	531	368	55	0	0	0	0	0
1993	Wet	32	452	852	1,173	1,250	1,250	490	83	10	0	0	0
1994	Critical	0	0	212	627	762	527	82	0	0	0	0	0
1995	Wet	0	311	1,250	1,250	1,250	1,250	1,183	418	26	17	13	26
1996	Wet	107	545	1,250	1,250	1,250	1,250	1,245	122	71	68	257	54
1997	Wet	248	615	1,039	1,250	1,250	1,250	1,083	353	15	11	9	0
1998	Wet	0	83	1,250	1,250	1,250	1,250	1,124	198	71	68	68	86
1999	Above Normal	168	462	870	1,200	1,250	1,250	540	97	10	0	0	0
2000	Above Normal	0	0	338	1,023	1,242	856	139	0	0	0	0	0
2001	Dry	0	0	239	714	868	599	95	0	0	0	0	0
2002	Dry	0	0	215	637	774	535	84	0	0	0	0	0
2003	Below Normal	0	0	256	766	930	642	102	n/a	n/a	n/a	n/a	n/a

Change in Simulated Madera Canal Diversions (Node D18B)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	71	0	25	186	715	216	13	8	1	1
1923	Above Normal	-4	-11	-21	-34	-40	-35	-14	-2	0	0	0	0
1924	Critical	0	0	1	3	3	2	0	0	0	0	0	0
1925	Below Normal	0	0	-11	-38	-46	-31	-5	0	0	0	0	0
1926	Dry	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1927	Above Normal	-8	-20	-44	-209	-71	-62	-24	-2	-2	0	0	-1
1928	Below Normal	0	0	-12	-41	-50	-34	-6	0	0	0	0	0
1929	Critical	0	0	0	-2	-2	-1	0	0	0	0	0	0
1930	Critical	0	0	-4	-11	-14	-9	-2	0	0	0	0	0
1931	Critical	0	0	-3	-10	-52	0	32	0	0	0	0	-4
1932	Above Normal	-9	-39	-78	-112	-130	-114	-45	-8	-5	0	0	0
1933	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1934	Critical	0	0	-4	-12	-14	-10	-2	0	0	0	0	0
1935	Above Normal	-65	-107	-298	158	205	-3	-190	-49	0	0	0	-32
1936	Above Normal	-40	18	-163	-5	53	46	18	3	2	1	1	-65
1937	Wet	-33	-78	50	68	263	395	164	42	10	-3	-12	0
1938	Wet	-9	0	126	0	0	29	702	126	56	63	51	73
1939	Dry	81	168	365	139	130	259	218	37	0	0	0	0
1940	Above Normal	-78	-302	-284	-151	-8	-74	-6	0	0	0	0	-107
1941	Wet	-15	0	48	0	0	0	661	67	44	38	25	23
1942	Wet	76	132	-57	-59	19	121	264	76	5	0	-52	-29
1943	Wet	-125	91	-4	200	209	277	109	22	3	0	0	0
1944	Below Normal	0	0	-6	-24	-29	-20	-3	0	0	0	0	-155
1945	Above Normal	-3	-5	-22	-50	-47	-41	-16	0	0	-5	-12	-14
1946	Above Normal	1	2	-35	12	14	12	5	1	0	0	0	-22
1947	Dry	0	0	-1	-6	-7	-5	-1	0	0	0	0	0
1948	Below Normal	0	0	-2	-8	-9	-6	-1	0	0	0	0	0
1949	Below Normal	0	0	-4	-13	-15	-10	-2	0	0	0	0	0
1950	Below Normal	0	0	-8	-27	-33	-22	-4	0	0	-201	-62	-68
1951	Above Normal	121	340	376	74	49	219	228	41	1	0	0	-5
1952	Wet	0	0	39	0	0	55	723	318	61	68	66	68
1953	Below Normal	0	0	27	82	99	68	12	0	0	0	0	0
1954	Below Normal	0	0	-1	-3	-3	-2	0	0	0	0	0	0
1955	Dry	0	0	-3	-9	-11	-7	-1	0	0	-130	-274	-28
1956	Wet	-45	184	276	35	0	79	757	204	66	68	57	94
1957	Below Normal	0	0	30	91	110	76	13	0	0	0	0	0
1958	Wet	4	0	-59	0	0	67	665	223	0	0	0	0
1959	Dry	0	-11	11	36	44	30	5	0	0	0	0	0
1960	Critical	0	0	-1	-4	-5	-3	-1	0	0	0	0	0
1961	Critical	0	0	-3	-10	-12	-9	-1	0	0	0	0	0
1962	Below Normal	-9	-44	-82	178	190	52	-196	-43	-1	0	0	-31
1963	Above Normal	-15	-42	-76	-110	-128	-112	-44	-4	-4	1	1	4
1964	Dry	0	0	0	1	1	1	0	0	0	0	-12	-78
1965	Wet	4	11	20	22	26	23	9	3	3	0	-5	-9
1966	Below Normal	-1	0	-128	53	64	44	8	0	0	0	0	-50
1967	Wet	-49	0	0	0	0	0	405	160	56	57	59	50
1968	Dry	0	0	120	383	463	317	55	0	0	0	-114	0
1969	Wet	0	0	84	0	0	94	518	78	51	66	46	57
1970	Above Normal	92	436	505	168	75	390	322	69	10	0	0	0
1971	Below Normal	0	0	-5	-18	-22	-15	-3	0	0	0	0	0
1972	Dry	0	0	-2	-4	-5	-4	-1	0	0	0	0	0
1973	Above Normal	-2	-10	-20	-242	7	6	2	2	0	0	-53	-20
1974	Wet	-63	84	-53	6	207	229	90	14	3	0	0	0
1975	Wet	0	-27	-54	-152	-84	-74	-29	-4	-1	0	0	0
1976	Critical	0	0	1	3	3	2	0	0	0	0	0	0
1977	Critical	0	0	-3	-9	-11	0	-9	0	0	0	0	-97
1978	Wet	-13	0	0	0	0	0	101	252	61	68	63	73
1979	Above Normal	84	203	223	301	283	412	616	185	14	5	-151	-231
1980	Wet	-70	237	186	0	0	37	792	320	61	68	68	92
1981	Dry	0	0	49	153	185	127	22	0	0	0	0	-40
1982	Wet	28	-65	81	0	0	0	321	-57	-21	-148	24	-2
1983	Wet	37	0	0	0	0	0	0	0	-14	3	-3	-2
1984	Above Normal	5	312	437	432	293	421	812	155	50	39	31	60
1985	Dry	0	0	28	86	105	72	12	0	0	0	0	-215
1986	Wet	-129	21	242	25	88	242	717	371	66	68	68	86
1987	Critical	0	0	34	110	133	91	16	0	0	0	0	0
1988	Critical	0	0	7	24	29	20	3	0	0	0	0	0
1989	Critical	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1990	Critical	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
1991	Critical	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1992	Critical	0	0	-4	-13	-16	-11	-2	0	0	0	0	-4
1993	Wet	-13	-64	-93	-48	0	116	63	29	5	0	0	0
1994	Critical	0	0	4	15	18	12	2	0	0	0	-1	-57
1995	Wet	-78	0	0	0	0	0	70	0	5	4	3	2
1996	Wet	-120	61	429	158	183	324	900	86	68	-30	-441	-82
1997	Wet	2	312	355	190	0	327	938	353	15	11	9	-94
1998	Wet	-47	0	0	0	0	0	196	0	15	25	34	30
1999	Above Normal	168	462	547	216	56	427	406	97	10	0	0	0
2000	Above Normal	-17	-316	-268	126	283	25	-169	-8	-7	-5	-4	-4
2001	Dry	0	0	2	4	5	3	1	0	0	0	0	0
2002	Dry	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
2003	Below Normal	0	0	-12	-41	-50	-34	-6	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Madera Canal Diversions (Node D18B)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	0%	7%	0%	2%	17%	179%	447%	272%	-	13%	16%
1923	Above Normal	-3%	-3%	-3%	-4%	-4%	-4%	-4%	-4%	-	-	-	-
1924	Critical	-	-	1%	1%	1%	1%	1%	-	-	-	-	-
1925	Below Normal	-	-	-4%	-5%	-5%	-5%	-5%	-	-	-	-	-
1926	Dry	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
1927	Above Normal	-7%	-6%	-7%	-20%	-7%	-7%	-7%	-5%	-69%	-40%	-40%	-40%
1928	Below Normal	-	-	-4%	-5%	-5%	-5%	-5%	-	-	-	-	-
1929	Critical	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1930	Critical	-	-	-2%	-3%	-2%	-2%	-3%	-	-	-	-	-
1931	Critical	-	-	-4%	-5%	-37%	0%	13%	-	-	-	-	-100%
1932	Above Normal	-8%	-11%	-11%	-11%	-11%	-12%	-12%	-17%	-100%	-	-	-
1933	Dry	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1934	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-
1935	Above Normal	-100%	-100%	-46%	18%	20%	0%	-56%	-100%	-	-	-	-100%
1936	Above Normal	-69%	5%	-20%	-1%	5%	5%	6%	11%	36%	184%	184%	-100%
1937	Wet	-77%	-15%	6%	6%	27%	46%	52%	110%	-	-100%	-100%	-
1938	Wet	-100%	0%	11%	0%	0%	2%	152%	357%	386%	-	-	513%
1939	Dry	257%	118%	159%	20%	16%	45%	241%	-	-	-	-	-
1940	Above Normal	-100%	-100%	-46%	-13%	-1%	-8%	-4%	-	-	-	-	-100%
1941	Wet	-100%	0%	5%	0%	0%	0%	116%	90%	219%	380%	192%	204%
1942	Wet	111%	34%	-6%	-5%	2%	11%	66%	150%	100%	-	-100%	-100%
1943	Wet	-74%	27%	0%	22%	20%	31%	32%	54%	233%	-	-	-
1944	Below Normal	-	-	-2%	-3%	-3%	-3%	-3%	-	-	-	-	-100%
1945	Above Normal	-3%	-1%	-3%	-5%	-4%	-4%	-4%	0%	0%	-100%	-100%	-100%
1946	Above Normal	1%	1%	-6%	1%	1%	1%	2%	2%	-	-	-	-100%
1947	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1948	Below Normal	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1949	Below Normal	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1950	Below Normal	-	-	-3%	-4%	-4%	-4%	-4%	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	138%	9%	5%	32%	207%	-	-	-	-	-100%
1952	Wet	0%	0%	4%	0%	0%	5%	160%	472%	629%	-	2546%	446%
1953	Below Normal	-	-	9%	9%	9%	9%	9%	-	-	-	-	-
1954	Below Normal	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1955	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-100%	-100%	-100%
1956	Wet	-20%	45%	35%	3%	0%	7%	171%	347%	794%	-	-	-
1957	Below Normal	-	-	10%	10%	10%	10%	11%	-	-	-	-	-
1958	Wet	12%	0%	-5%	0%	0%	6%	149%	336%	0%	-	-	-
1959	Dry	-	-100%	5%	5%	5%	5%	5%	-	-	-	-	-
1960	Critical	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1961	Critical	-	-	-3%	-3%	-3%	-3%	-4%	-	-	-	-	-
1962	Below Normal	-11%	-13%	-12%	20%	18%	6%	-57%	-100%	-100%	-	-	-100%
1963	Above Normal	-11%	-11%	-11%	-11%	-11%	-11%	-12%	-10%	-59%	-	-	-
1964	Dry	-	-	0%	0%	0%	0%	0%	-	-	-	-100%	-100%
1965	Wet	3%	3%	3%	2%	2%	2%	3%	8%	233%	-	-100%	-100%
1966	Below Normal	-100%	-	-30%	6%	6%	6%	7%	-	-	-	-	-100%
1967	Wet	-23%	0%	0%	0%	0%	0%	50%	62%	386%	508%	660%	112%
1968	Dry	-	-	61%	66%	66%	65%	72%	-	-	-	-100%	-
1969	Wet	0%	0%	7%	0%	0%	8%	80%	111%	265%	-	776%	1190%
1970	Above Normal	290%	-	159%	17%	6%	48%	246%	-	-	-	-	-
1971	Below Normal	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1972	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1973	Above Normal	-8%	-3%	-3%	-22%	1%	1%	1%	6%	14%	14%	-98%	-95%
1974	Wet	-33%	25%	-6%	1%	20%	25%	27%	36%	233%	-	-	-
1975	Wet	0%	-8%	-8%	-15%	-8%	-8%	-8%	-9%	-100%	-	-	-
1976	Critical	-	-	0%	1%	1%	1%	1%	-	-	-	-	-
1977	Critical	-	-	-4%	-4%	-4%	0%	-6%	-	-	-	-	-100%
1978	Wet	-100%	0%	0%	0%	0%	0%	14%	148%	629%	-	1097%	2947%
1979	Above Normal	402%	64%	30%	32%	29%	49%	198%	491%	-	-	-98%	-99%
1980	Wet	-68%	45%	17%	0%	0%	3%	173%	547%	629%	-	-	-
1981	Dry	-	-	17%	18%	18%	18%	19%	-	-	-	-	-100%
1982	Wet	283%	-56%	7%	0%	0%	0%	59%	-25%	-23%	-68%	10%	-100%
1983	Wet	-	0%	0%	0%	0%	0%	0%	0%	-13%	1%	-4%	-6%
1984	Above Normal	3%	101%	74%	53%	31%	51%	264%	416%	-	-	-	-
1985	Dry	-	-	11%	11%	11%	11%	12%	-	-	-	-	-100%
1986	Wet	-87%	4%	27%	2%	8%	24%	190%	792%	794%	-	-	-
1987	Critical	-	-	17%	18%	18%	18%	20%	-	-	-	-	-
1988	Critical	-	-	5%	6%	6%	5%	6%	-	-	-	-	-
1989	Critical	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1990	Critical	-	-	-2%	-3%	-3%	-2%	-3%	-	-	-	-	-
1991	Critical	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1992	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-100%
1993	Wet	-28%	-12%	-10%	-4%	0%	10%	15%	53%	100%	-	-	-
1994	Critical	-	-	2%	2%	2%	2%	3%	-	-	-	-100%	-100%
1995	Wet	-100%	0%	0%	0%	0%	0%	6%	0%	22%	28%	28%	10%
1996	Wet	-53%	13%	52%	14%	17%	35%	261%	247%	2383%	-31%	-63%	-61%
1997	Wet	1%	103%	52%	18%	0%	35%	651%	-	-	-	-	-100%
1998	Wet	-100%	0%	0%	0%	0%	0%	21%	0%	27%	59%	98%	52%
1999	Above Normal	-	-	169%	22%	5%	52%	305%	-	-	-	-	-
2000	Above Normal	-100%	-100%	-44%	14%	30%	3%	-55%	-100%	-100%	-100%	-100%	-100%
2001	Dry	-	-	1%	1%	1%	1%	1%	-	-	-	-	-
2002	Dry	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
2003	Below Normal	-	-	-4%	-5%	-5%	-5%	-5%	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	22	43	60	138	189	174	98	36	6	5	5	29
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	58	96	158	177	149	63	19	3	3	3	19
1927	Above Normal	26	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	24	43	103	133	80	35	24	8	0	0	12
1930	Critical	19	23	42	100	129	77	34	23	8	0	0	11
1931	Critical	7	8	15	36	41	19	26	8	3	0	0	4
1932	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	17	21	37	89	115	69	30	20	7	0	0	10
1935	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1936	Above Normal	28	47	80	157	188	158	73	24	4	4	4	20
1937	Wet	28	52	86	157	188	158	73	24	4	4	4	20
1938	Wet	17	28	56	129	191	177	100	38	11	6	6	30
1939	Dry	33	59	92	150	169	142	60	18	3	3	3	18
1940	Above Normal	31	52	86	158	188	152	71	21	4	4	3	20
1941	Wet	22	37	60	129	191	177	100	40	12	6	6	30
1942	Wet	22	43	64	138	189	174	98	36	6	5	5	29
1943	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	21	31	57	135	174	105	46	31	10	0	0	16
1949	Below Normal	30	55	91	149	168	141	60	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	33	59	98	162	182	153	65	20	3	3	3	20
1952	Wet	20	37	56	129	191	177	100	40	11	6	6	30
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	97	160	179	151	64	19	3	3	3	19
1955	Dry	32	57	95	157	176	148	63	19	3	3	3	19
1956	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	22	37	60	129	191	177	100	40	11	6	6	30
1959	Dry	33	59	98	161	180	152	64	20	3	3	3	20
1960	Critical	18	22	40	95	123	74	32	22	7	0	0	11
1961	Critical	13	15	28	67	86	52	23	15	5	0	0	8
1962	Below Normal	28	47	80	151	191	163	79	27	5	5	5	20
1963	Above Normal	26	43	64	146	187	170	95	33	5	5	5	20
1964	Dry	29	52	87	143	160	135	57	17	3	3	3	17
1965	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1966	Below Normal	37	62	98	162	182	153	65	20	3	3	3	20
1967	Wet	11	19	43	101	185	188	122	64	15	7	7	33
1968	Dry	26	31	56	134	173	104	46	31	10	0	0	15
1969	Wet	17	28	52	115	193	181	104	50	13	7	7	30
1970	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	54	90	148	166	139	59	18	3	3	3	18
1973	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1975	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1976	Critical	20	24	44	105	136	82	36	24	8	0	0	12
1977	Critical	7	9	16	39	50	20	21	9	3	0	0	4
1978	Wet	11	24	47	114	194	184	106	57	14	7	7	30
1979	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1980	Wet	17	28	56	129	191	177	100	40	11	6	6	30
1981	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1982	Wet	17	28	52	129	191	177	100	40	11	6	6	30
1983	Wet	3	9	35	101	183	197	130	68	23	9	8	34
1984	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1987	Critical	27	48	80	139	179	108	47	32	11	0	0	16
1988	Critical	18	21	39	94	121	73	32	22	7	0	0	11
1989	Critical	21	26	47	111	144	86	38	26	9	0	0	13
1990	Critical	16	19	34	81	105	63	28	19	6	0	0	9
1991	Critical	23	28	50	120	155	93	41	28	9	0	0	14
1992	Critical	19	23	42	101	130	78	34	23	8	0	0	12
1993	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1994	Critical	27	49	81	134	150	126	54	16	3	3	3	16
1995	Wet	3	9	30	101	183	197	130	78	20	7	7	34
1996	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1997	Wet	28	52	86	158	188	152	71	21	4	4	3	20
1998	Wet	9	14	39	101	179	191	124	64	19	9	9	35
1999	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2000	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
2001	Dry	32	57	96	157	177	149	63	19	3	3	3	19
2002	Dry	29	52	86	142	160	134	57	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 3 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	14	24	47	114	194	184	106	57	14	7	7	30
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	83	50	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	57	94	155	174	146	62	19	3	3	3	19
1927	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	24	43	103	132	79	35	24	8	0	0	12
1930	Critical	19	22	41	97	125	75	33	22	7	0	0	11
1931	Critical	4	8	14	34	35	16	27	8	3	0	0	4
1932	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	17	20	36	86	111	67	29	20	7	0	0	10
1935	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1936	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1937	Wet	22	37	56	129	191	177	100	40	11	6	6	30
1938	Wet	3	5	30	101	183	197	130	66	23	10	10	37
1939	Dry	31	52	86	157	188	158	73	24	4	4	4	20
1940	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1941	Wet	14	24	47	114	194	184	106	56	17	7	7	30
1942	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1943	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	25	31	56	133	172	103	45	31	10	0	0	15
1949	Below Normal	30	54	89	146	164	138	59	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1952	Wet	11	19	43	101	185	188	122	64	19	7	7	35
1953	Below Normal	33	56	90	158	188	152	71	21	4	4	3	20
1954	Below Normal	32	58	97	159	179	150	64	19	3	3	3	19
1955	Dry	31	56	94	155	174	146	62	19	3	3	3	19
1956	Wet	9	14	39	101	179	191	124	68	20	11	8	36
1957	Below Normal	33	56	90	158	188	152	71	21	4	4	3	20
1958	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1959	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1960	Critical	18	22	40	94	122	73	32	22	7	0	0	11
1961	Critical	12	15	27	64	83	50	22	15	5	0	0	7
1962	Below Normal	31	52	86	158	188	152	71	21	4	4	3	20
1963	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1964	Dry	29	52	87	143	161	135	57	17	3	3	3	17
1965	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1966	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1967	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1968	Dry	33	56	90	158	182	149	65	20	3	3	3	20
1969	Wet	3	5	30	101	183	197	130	66	23	11	10	36
1970	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	53	89	147	165	138	59	18	3	3	3	18
1973	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1975	Wet	31	52	86	157	188	158	73	24	4	4	4	20
1976	Critical	20	24	44	106	136	82	36	24	8	0	0	12
1977	Critical	7	8	15	37	47	16	20	8	3	0	0	4
1978	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1979	Above Normal	14	24	47	114	194	184	106	57	14	7	7	30
1980	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1981	Dry	33	56	90	158	188	152	71	21	4	4	3	20
1982	Wet	3	5	30	101	183	197	130	67	23	11	9	32
1983	Wet	3	5	30	101	183	197	130	68	23	9	8	34
1984	Above Normal	11	19	43	101	185	188	122	62	17	9	8	34
1985	Dry	37	62	98	162	182	153	65	20	3	3	3	20
1986	Wet	9	14	39	101	179	191	124	73	20	7	7	36
1987	Critical	32	58	96	157	177	149	63	19	3	3	3	19
1988	Critical	19	23	42	100	128	77	34	23	8	0	0	11
1989	Critical	21	25	46	109	140	84	37	25	8	0	0	12
1990	Critical	15	18	33	79	101	61	27	18	6	0	0	9
1991	Critical	22	27	49	118	152	91	40	27	9	0	0	13
1992	Critical	19	22	41	97	126	76	33	22	7	0	0	11
1993	Wet	20	33	56	129	191	177	100	40	11	6	6	30
1994	Critical	28	50	83	137	154	130	55	17	3	3	3	17
1995	Wet	3	5	30	101	183	197	130	78	20	8	7	34
1996	Wet	9	14	39	101	179	191	124	59	20	11	7	31
1997	Wet	11	19	43	101	185	188	122	64	15	7	7	31
1998	Wet	3	5	30	101	183	197	130	69	23	11	11	37
1999	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
2000	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2001	Dry	32	58	96	158	178	149	63	19	3	3	3	19
2002	Dry	28	51	85	140	157	132	56	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-9	-19	-12	-24	5	10	9	21	9	1	1	1
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	1	1	1	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	-1	-1	-3	-3	-2	-1	0	0	0	0	0
1927	Above Normal	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1930	Critical	0	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1931	Critical	-3	0	-1	-2	-6	-2	1	-1	0	0	0	0
1932	Above Normal	5	9	21	10	1	-12	-22	-10	-1	-1	-1	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	-1	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1935	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
1936	Above Normal	0	0	0	-6	3	5	6	3	1	1	1	0
1937	Wet	-6	-14	-30	-28	3	19	27	16	7	2	2	10
1938	Wet	-14	-24	-26	-28	-8	20	30	28	11	5	4	7
1939	Dry	-2	-7	-6	6	19	16	13	5	1	1	1	1
1940	Above Normal	2	5	4	0	0	0	0	0	0	0	0	0
1941	Wet	-9	-14	-12	-15	3	7	6	16	5	1	1	1
1942	Wet	-5	-14	-12	-23	4	7	6	16	7	1	1	1
1943	Wet	-6	-10	-21	-13	-2	11	18	10	1	1	1	9
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	5	0	-1	-2	-2	-1	-1	0	0	0	0	0
1949	Below Normal	-1	-1	-2	-3	-3	-3	-1	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	-5	-12	-18	-11	9	10	15	7	1	1	1	0
1952	Wet	-9	-18	-12	-28	-6	10	21	25	8	1	1	6
1953	Below Normal	-4	-6	-8	0	7	3	6	1	1	1	0	0
1954	Below Normal	0	0	0	-1	-1	-1	0	0	0	0	0	0
1955	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	-14	-23	-21	-37	-10	17	27	32	14	6	3	7
1957	Below Normal	-4	-6	-8	0	7	3	6	1	1	1	0	0
1958	Wet	-5	-9	-8	-14	2	4	3	13	1	1	1	1
1959	Dry	0	0	1	1	1	1	0	0	0	0	0	0
1960	Critical	0	0	0	-1	-1	-1	0	0	0	0	0	0
1961	Critical	0	-1	-1	-3	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	3	5	5	8	-2	-11	-9	-6	-1	-1	-1	0
1963	Above Normal	3	5	16	4	4	-8	-16	-7	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	-3	-5	-16	-4	-4	8	16	7	0	0	0	0
1966	Below Normal	0	0	0	-3	0	-3	0	0	0	0	0	0
1967	Wet	-9	-14	-13	0	-1	10	9	14	7	-1	-1	3
1968	Dry	7	26	33	24	9	45	19	-11	-7	3	3	4
1969	Wet	-14	-24	-22	-14	-10	16	27	16	10	4	3	5
1970	Above Normal	-13	-24	-34	-29	3	25	30	19	7	2	3	10
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1973	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	-6	-10	-21	-13	-2	11	18	10	1	1	1	9
1975	Wet	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1976	Critical	0	0	0	1	1	1	0	0	0	0	0	0
1977	Critical	0	-1	-1	-2	-3	-4	-1	-1	0	0	0	0
1978	Wet	-9	-19	-17	-13	-11	13	24	21	9	0	0	6
1979	Above Normal	-14	-28	-39	-43	6	26	33	34	10	3	3	10
1980	Wet	-14	-24	-26	-28	-8	20	30	38	11	1	1	7
1981	Dry	-4	-6	-8	0	7	3	6	1	1	1	0	0
1982	Wet	-14	-24	-22	-28	-8	20	30	27	11	5	3	3
1983	Wet	0	-5	-5	0	0	0	0	0	0	0	0	0
1984	Above Normal	-20	-33	-42	-56	-4	29	48	38	13	5	4	14
1985	Dry	4	3	0	0	0	0	0	0	0	0	0	0
1986	Wet	-17	-28	-26	-45	-8	20	29	40	15	2	2	16
1987	Critical	5	9	16	18	-3	41	16	-13	-7	3	3	3
1988	Critical	1	1	2	6	8	5	2	1	0	0	0	1
1989	Critical	0	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1990	Critical	0	-1	-1	-2	-3	-2	-1	-1	0	0	0	0
1991	Critical	0	-1	-1	-3	-3	-2	-1	-1	0	0	0	0
1992	Critical	-1	-1	-1	-3	-4	-3	-1	-1	0	0	0	0
1993	Wet	-3	-5	-4	-9	2	3	3	3	6	1	1	1
1994	Critical	1	1	2	4	4	3	1	0	0	0	0	0
1995	Wet	0	-5	0	0	0	0	0	0	0	0	0	0
1996	Wet	-20	-33	-42	-49	-11	28	45	33	15	6	2	12
1997	Wet	-17	-33	-42	-57	-4	36	51	43	11	3	4	11
1998	Wet	-6	-10	-9	0	4	7	6	5	4	2	2	2
1999	Above Normal	-13	-24	-34	-29	3	25	30	19	7	2	3	10
2000	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
2001	Dry	0	0	1	1	1	1	0	0	0	0	0	0
2002	Dry	0	-1	-1	-2	-2	-2	-1	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-38%	-45%	-21%	-17%	3%	6%	9%	58%	156%	25%	25%	5%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	-	-	1%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1927	Above Normal	10%	10%	7%	4%	-1%	-3%	-8%	-11%	-17%	-14%	-14%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1930	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1931	Critical	-39%	-6%	-6%	-7%	-14%	-13%	4%	-7%	-7%	-	-	-7%
1932	Above Normal	21%	22%	33%	7%	1%	-7%	-23%	-30%	-19%	-14%	-14%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-3%	-3%	-4%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1935	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
1936	Above Normal	0%	0%	0%	-4%	1%	3%	8%	13%	28%	17%	17%	0%
1937	Wet	-21%	-28%	-35%	-18%	1%	12%	37%	68%	181%	50%	50%	50%
1938	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	73%	99%	77%	64%	25%
1939	Dry	-6%	-12%	-6%	4%	11%	11%	22%	29%	29%	29%	29%	7%
1940	Above Normal	6%	9%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	-38%	-37%	-21%	-12%	2%	4%	6%	41%	45%	11%	11%	2%
1942	Wet	-24%	-34%	-19%	-17%	2%	4%	6%	44%	124%	25%	25%	5%
1943	Wet	-21%	-21%	-26%	-8%	-1%	7%	23%	36%	18%	14%	14%	47%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	22%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	-14%	-20%	-18%	-7%	5%	7%	23%	36%	43%	40%	40%	0%
1952	Wet	-43%	-49%	-22%	-22%	-3%	6%	21%	62%	68%	13%	11%	19%
1953	Below Normal	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-62%	-61%	-35%	-27%	-5%	10%	27%	87%	251%	105%	48%	24%
1957	Below Normal	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1958	Wet	-24%	-25%	-13%	-11%	1%	2%	3%	32%	12%	11%	11%	2%
1959	Dry	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1960	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1961	Critical	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-	-	-4%
1962	Below Normal	9%	10%	7%	5%	-1%	-7%	-11%	-21%	-16%	-14%	-29%	0%
1963	Above Normal	10%	11%	25%	3%	2%	-4%	-16%	-20%	-5%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	-9%	-10%	-20%	-3%	-2%	5%	20%	26%	4%	0%	0%	0%
1966	Below Normal	0%	0%	0%	-2%	0%	-2%	0%	0%	0%	0%	0%	0%
1967	Wet	-76%	-76%	-30%	0%	-1%	5%	7%	21%	48%	-8%	-8%	9%
1968	Dry	28%	83%	59%	18%	5%	44%	42%	-36%	-68%	-	-	28%
1969	Wet	-85%	-84%	-42%	-12%	-5%	9%	26%	32%	74%	61%	49%	18%
1970	Above Normal	-40%	-42%	-38%	-18%	1%	16%	42%	89%	181%	50%	80%	50%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1973	Above Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-21%	-21%	-26%	-8%	-1%	7%	23%	36%	18%	14%	14%	47%
1975	Wet	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1976	Critical	0%	0%	0%	1%	1%	1%	1%	1%	1%	-	-	1%
1977	Critical	-6%	-6%	-6%	-6%	-6%	-20%	-6%	-6%	-6%	-	-	-6%
1978	Wet	-76%	-81%	-36%	-11%	-6%	7%	23%	36%	65%	2%	0%	20%
1979	Above Normal	-51%	-54%	-45%	-27%	3%	17%	45%	143%	255%	67%	67%	53%
1980	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	97%	104%	13%	11%	24%
1981	Dry	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1982	Wet	-85%	-84%	-42%	-22%	-4%	11%	30%	69%	104%	82%	50%	9%
1983	Wet	0%	-50%	-13%	0%	0%	0%	0%	0%	0%	3%	-1%	0%
1984	Above Normal	-64%	-63%	-50%	-35%	-2%	19%	66%	161%	342%	127%	106%	73%
1985	Dry	12%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-67%	-66%	-40%	-31%	-4%	12%	31%	118%	295%	43%	43%	82%
1987	Critical	20%	20%	20%	13%	-1%	38%	33%	-40%	-70%	-	-	20%
1988	Critical	6%	6%	6%	6%	6%	6%	6%	6%	6%	-	-	6%
1989	Critical	-2%	-2%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1990	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1991	Critical	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1992	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1993	Wet	-12%	-12%	-7%	-6%	1%	2%	3%	9%	100%	12%	12%	2%
1994	Critical	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
1995	Wet	0%	-50%	0%	0%	0%	0%	0%	0%	1%	3%	2%	0%
1996	Wet	-70%	-69%	-52%	-33%	-6%	17%	57%	122%	319%	134%	43%	60%
1997	Wet	-60%	-63%	-50%	-36%	-2%	23%	72%	206%	289%	84%	117%	57%
1998	Wet	-69%	-68%	-22%	0%	2%	3%	5%	7%	18%	17%	24%	7%
1999	Above Normal	-40%	-42%	-38%	-18%	1%	16%	42%	89%	181%	50%	80%	50%
2000	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
2001	Dry	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
2002	Dry	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	34	90	130	124	100	78	27	0	0	0	0	16
1923	Above Normal	24	62	73	61	53	52	31	7	1	1	1	18
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	2	4	7	12	13	11	4	1	0	0	0	1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	33	73	90	82	67	62	31	6	0	0	0	21
1928	Below Normal	3	6	11	19	21	18	7	2	0	0	0	2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	34	83	113	97	83	65	21	1	1	1	1	22
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	20	47	72	60	53	52	30	7	1	1	1	5
1936	Above Normal	25	66	82	63	56	54	32	7	1	1	1	0
1937	Wet	1	44	63	58	50	50	29	7	1	1	1	18
1938	Wet	0	27	98	168	120	108	53	14	2	7	7	21
1939	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	20	55	64	58	54	50	16	5	0	0	1	10
1941	Wet	37	78	139	153	107	98	52	12	1	7	6	18
1942	Wet	38	89	123	121	99	77	26	0	0	0	0	15
1943	Wet	3	56	85	75	59	55	28	5	0	0	0	19
1944	Below Normal	3	5	8	14	16	13	5	2	0	0	0	0
1945	Above Normal	35	86	119	106	93	74	25	2	1	1	1	24
1946	Above Normal	21	56	64	46	37	38	24	5	0	0	0	16
1947	Dry	1	2	4	6	7	6	2	1	0	0	0	1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	1	2	4	6	7	6	2	1	0	0	0	1
1951	Above Normal	3	5	10	17	19	15	6	2	0	0	0	2
1952	Wet	21	77	98	154	108	96	46	12	1	6	6	18
1953	Below Normal	2	15	20	33	38	31	12	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	46	101	138	138	114	96	35	3	1	1	1	18
1957	Below Normal	2	15	19	32	37	30	12	3	1	1	1	3
1958	Wet	33	55	137	155	107	94	45	12	1	6	6	18
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	26	71	86	77	62	58	29	5	0	0	0	20
1963	Above Normal	36	87	117	102	89	71	24	1	1	1	1	23
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	31	77	93	87	73	67	34	7	1	1	1	21
1966	Below Normal	1	14	18	18	20	17	7	2	0	0	0	2
1967	Wet	74	44	114	143	119	102	70	52	14	22	22	70
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	19	17	76	128	109	91	62	44	14	19	19	59
1970	Above Normal	9	25	33	42	38	32	10	3	0	0	1	13
1971	Below Normal	4	7	12	21	24	19	8	2	0	0	0	2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	22	61	66	57	47	47	28	6	1	1	1	17
1974	Wet	30	71	85	75	60	56	28	5	0	0	0	19
1975	Wet	25	72	88	78	63	59	30	6	0	0	0	20
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	38	41	127	137	114	111	76	50	15	21	21	67
1979	Above Normal	21	60	71	54	46	46	28	6	1	1	0	0
1980	Wet	37	66	120	163	119	106	52	14	2	7	7	20
1981	Dry	0	12	14	23	27	22	9	3	0	0	0	3
1982	Wet	49	3	101	164	119	109	57	16	2	2	0	0
1983	Wet	0	46	126	104	104	107	93	59	15	24	26	83
1984	Above Normal	23	58	67	52	44	44	27	6	1	1	1	17
1985	Dry	1	1	3	4	5	4	2	0	0	0	0	0
1986	Wet	0	84	116	102	89	70	23	1	1	1	1	23
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	38	99	135	133	110	90	32	2	1	1	1	18
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	58	90	164	135	104	108	101	63	15	26	26	83
1996	Wet	28	73	88	80	65	60	31	5	0	0	0	15
1997	Wet	27	56	65	58	54	49	16	5	0	0	1	0
1998	Wet	44	20	123	117	122	96	83	55	15	24	24	75
1999	Above Normal	8	26	35	45	41	35	11	4	0	0	1	13
2000	Above Normal	16	58	68	50	41	42	25	4	1	1	1	16
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	3	5	8	14	16	13	5	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 3 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	56	74	125	137	114	111	98	56	15	22	21	67
1923	Above Normal	22	58	68	53	45	45	27	6	1	1	1	17
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	1	2	3	5	5	5	2	1	0	0	0	1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	26	63	75	62	55	54	31	7	1	1	1	18
1928	Below Normal	2	4	7	11	13	11	4	1	0	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	24	63	74	62	54	53	31	7	1	1	1	18
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	11	31	42	57	53	47	16	5	0	0	1	3
1936	Above Normal	22	69	85	75	60	56	28	5	0	0	0	0
1937	Wet	12	89	103	153	109	100	48	13	1	6	6	18
1938	Wet	19	73	155	141	111	115	110	63	16	28	28	87
1939	Dry	22	59	68	53	45	45	27	6	1	1	0	0
1940	Above Normal	10	29	40	51	49	41	14	4	0	0	1	9
1941	Wet	54	45	120	132	107	105	101	47	14	23	23	66
1942	Wet	55	66	100	126	106	90	62	43	13	19	12	58
1943	Wet	3	89	140	135	111	94	33	2	1	1	1	18
1944	Below Normal	2	3	6	10	12	9	4	1	0	0	0	0
1945	Above Normal	34	85	114	97	84	65	21	1	1	1	1	22
1946	Above Normal	21	56	65	49	40	41	25	5	1	1	1	16
1947	Dry	1	2	3	6	6	5	2	1	0	0	0	1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1951	Above Normal	28	71	85	76	60	56	29	5	0	0	0	19
1952	Wet	40	49	122	145	121	105	94	61	15	27	27	71
1953	Below Normal	9	27	37	47	44	37	12	4	0	0	1	13
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	77	95	144	141	116	91	95	52	14	23	25	73
1957	Below Normal	9	27	37	48	45	38	12	4	0	0	1	14
1958	Wet	45	14	107	140	116	103	94	57	14	20	20	62
1959	Dry	1	2	3	6	6	5	2	1	0	0	0	1
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	18	55	62	61	56	54	17	5	0	0	1	15
1963	Above Normal	28	70	84	74	59	55	28	5	0	0	0	19
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	35	84	113	96	82	65	21	1	1	1	1	22
1966	Below Normal	1	14	17	27	31	25	10	3	0	0	0	3
1967	Wet	91	70	154	139	110	114	112	66	16	31	32	88
1968	Dry	8	25	33	41	47	38	15	4	1	1	0	0
1969	Wet	53	56	148	135	111	115	110	63	16	28	28	87
1970	Above Normal	48	88	112	149	108	96	45	12	1	6	6	18
1971	Below Normal	3	6	10	17	20	16	6	2	0	0	0	2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	16	58	62	54	46	46	27	6	1	1	1	17
1974	Wet	44	104	138	132	109	89	32	2	1	1	1	17
1975	Wet	19	60	70	56	48	48	29	7	1	1	1	17
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	61	75	181	141	111	115	90	67	16	32	32	87
1979	Above Normal	61	75	120	133	109	106	84	51	14	21	0	33
1980	Wet	71	125	180	139	109	113	113	63	15	31	31	87
1981	Dry	10	28	39	50	47	40	13	4	0	0	1	14
1982	Wet	83	45	180	139	110	114	90	62	15	23	9	41
1983	Wet	2	55	137	110	111	115	99	63	16	26	28	87
1984	Above Normal	73	90	134	143	119	103	89	51	14	22	23	70
1985	Dry	0	11	12	19	22	18	7	2	0	0	0	0
1986	Wet	36	92	152	145	122	96	93	59	15	28	28	76
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	43	91	115	154	111	101	49	14	2	6	6	19
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	62	99	170	141	111	115	111	67	16	28	28	87
1996	Wet	72	95	153	149	127	101	105	57	15	11	0	72
1997	Wet	75	90	133	142	117	101	86	58	14	22	22	32
1998	Wet	59	40	152	113	111	115	107	63	16	28	28	87
1999	Above Normal	53	95	121	164	120	109	57	16	2	7	7	20
2000	Above Normal	10	29	39	51	49	41	14	4	0	0	1	14
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	1	2	4	7	8	6	2	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	22	-16	-5	13	14	32	72	56	14	21	21	51
1923	Above Normal	-1	-3	-5	-8	-8	-7	-4	-1	0	0	0	-1
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	-1	-2	-4	-7	-8	-6	-2	-1	0	0	0	-1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	-7	-10	-15	-20	-12	-8	0	1	0	0	0	-2
1928	Below Normal	-1	-2	-4	-7	-8	-7	-3	-1	0	0	0	-1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	-10	-20	-39	-35	-28	-11	10	7	0	0	0	-4
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	-9	-17	-30	-4	0	-5	-14	-2	0	0	0	-3
1936	Above Normal	-3	3	4	13	5	2	-3	-2	-1	0	0	0
1937	Wet	12	45	40	95	59	50	18	6	1	5	5	1
1938	Wet	19	46	57	-27	-9	7	57	49	14	21	21	67
1939	Dry	21	58	68	53	45	45	27	6	1	1	0	0
1940	Above Normal	-10	-27	-24	-7	-6	-9	-3	-1	0	0	0	-1
1941	Wet	17	-33	-19	-21	0	6	49	35	12	17	16	48
1942	Wet	17	-23	-22	6	8	13	36	43	13	18	12	42
1943	Wet	0	33	55	61	52	38	5	-3	0	0	0	-2
1944	Below Normal	-1	-1	-2	-4	-5	-4	-2	0	0	0	0	0
1945	Above Normal	-2	-1	-5	-9	-10	-9	-4	-1	0	0	0	-1
1946	Above Normal	0	1	1	3	3	3	1	0	0	0	0	0
1947	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	-1	-1	-3	-5	-5	-4	-2	-1	0	0	0	-1
1951	Above Normal	25	66	75	59	41	41	22	3	0	0	0	18
1952	Wet	19	-27	23	-9	13	9	48	49	13	21	21	53
1953	Below Normal	7	12	17	14	6	7	-1	0	0	0	0	10
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	31	-6	6	3	2	-5	61	49	13	22	25	55
1957	Below Normal	7	12	18	16	8	8	0	0	0	0	0	10
1958	Wet	11	-41	-31	-15	9	9	49	45	13	14	14	44
1959	Dry	1	2	3	6	6	5	2	1	0	0	0	1
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	-8	-17	-23	-16	-6	-4	-12	0	0	0	1	-4
1963	Above Normal	-8	-16	-33	-28	-31	-16	4	3	0	0	0	-4
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	4	8	20	9	9	-3	-13	-6	0	0	0	1
1966	Below Normal	0	0	-1	9	11	8	3	1	0	0	0	1
1967	Wet	17	26	40	-3	-9	11	41	14	1	9	9	18
1968	Dry	8	25	33	41	47	38	15	4	1	1	0	0
1969	Wet	34	39	73	6	2	25	48	19	2	9	9	28
1970	Above Normal	39	64	79	107	70	63	35	9	1	6	5	5
1971	Below Normal	0	-1	-2	-3	-4	-3	-1	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	-6	-3	-4	-3	-2	-2	-1	0	0	0	0	0
1974	Wet	13	33	53	57	49	34	3	-3	0	0	0	-2
1975	Wet	-7	-12	-17	-22	-15	-10	-1	1	0	0	0	-2
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	23	35	53	3	-3	4	14	17	1	11	11	21
1979	Above Normal	40	15	49	79	63	60	57	45	13	20	0	33
1980	Wet	34	59	60	-25	-10	6	61	50	13	25	25	66
1981	Dry	9	16	24	27	20	18	4	2	0	0	0	11
1982	Wet	35	42	79	-24	-9	5	34	46	14	21	9	41
1983	Wet	2	9	11	6	7	8	6	4	1	1	1	4
1984	Above Normal	50	33	67	91	75	58	62	45	14	22	22	53
1985	Dry	-1	9	9	15	17	14	6	2	0	0	0	0
1986	Wet	35	8	36	43	33	26	70	58	14	27	27	53
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	5	-8	-20	21	0	11	17	12	1	6	6	1
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	4	9	6	5	7	8	10	4	1	1	1	4
1996	Wet	44	22	64	69	62	41	75	52	15	11	0	57
1997	Wet	48	33	68	84	64	52	70	53	14	22	21	32
1998	Wet	15	20	29	-4	-10	19	24	8	1	4	4	12
1999	Above Normal	45	70	86	120	79	74	46	13	2	6	6	7
2000	Above Normal	-6	-29	-28	2	8	-1	-12	1	-1	-1	0	-2
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	-1	-2	-4	-7	-8	-7	-3	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	64%	-18%	-4%	10%	14%	41%	271%	49068%	4280%	6409%	6379%	324%
1923	Above Normal	-6%	-5%	-7%	-13%	-16%	-14%	-12%	-15%	-20%	-20%	-20%	-7%
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-52%	-53%	-55%	-58%	-58%	-58%	-58%	-58%	-58%	-58%	-58%	-58%
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-21%	-14%	-17%	-24%	-18%	-13%	0%	23%	105%	76%	80%	-11%
1928	Below Normal	-31%	-34%	-36%	-39%	-39%	-39%	-39%	-39%	-39%	-39%	-39%	-39%
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-31%	-24%	-34%	-36%	-34%	-18%	48%	1165%	25%	25%	25%	-18%
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-45%	-35%	-41%	-6%	0%	-9%	-48%	-32%	-46%	-46%	48%	-48%
1936	Above Normal	-11%	5%	5%	20%	9%	3%	-10%	-33%	-76%	-53%	-56%	-
1937	Wet	1933%	102%	64%	163%	117%	101%	63%	96%	102%	735%	735%	4%
1938	Wet	-	167%	58%	-16%	-7%	7%	108%	348%	671%	315%	315%	323%
1939	Dry	2694%	12310%	44659%	17916%	13286%	16276%	24678%	18919%	-	-	-	-
1940	Above Normal	-50%	-48%	-38%	-12%	-10%	-18%	-16%	-15%	-31%	-31%	-12%	-10%
1941	Wet	47%	-43%	-14%	-14%	0%	7%	95%	280%	915%	255%	252%	268%
1942	Wet	45%	-26%	-18%	5%	8%	17%	139%	17301%	4623%	6484%	-	276%
1943	Wet	0%	60%	65%	81%	87%	69%	19%	-52%	104%	104%	104%	-8%
1944	Below Normal	-23%	-25%	-25%	-30%	-30%	-30%	-30%	-30%	-30%	-30%	-30%	-
1945	Above Normal	-5%	-2%	-4%	-8%	-11%	-12%	-17%	-63%	-22%	-22%	-22%	-6%
1946	Above Normal	2%	1%	1%	6%	8%	7%	5%	7%	11%	11%	11%	3%
1947	Dry	-7%	-10%	-11%	-15%	-15%	-15%	-15%	-15%	-15%	-15%	-15%	-15%
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-67%	-68%	-71%	-75%	-75%	-75%	-75%	-75%	-	-75%	-75%	-75%
1951	Above Normal	844%	1220%	791%	356%	220%	263%	365%	190%	-1%	-1%	-1%	988%
1952	Wet	93%	-35%	24%	-6%	12%	10%	106%	409%	946%	344%	346%	295%
1953	Below Normal	325%	76%	84%	44%	15%	21%	-4%	7%	-66%	-66%	44%	274%
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	67%	-6%	4%	2%	2%	-5%	175%	1887%	2063%	3490%	3852%	301%
1957	Below Normal	384%	82%	93%	50%	21%	27%	1%	12%	-63%	-63%	50%	288%
1958	Wet	34%	-75%	-22%	-10%	8%	9%	110%	385%	970%	231%	231%	245%
1959	Dry	1504%	1876%	15828%	13928%	13926%	13927%	13925%	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-30%	-24%	-27%	-20%	-10%	-6%	-42%	-1%	43%	43%	248%	-21%
1963	Above Normal	-22%	-19%	-28%	-28%	-34%	-23%	17%	263%	-65%	-55%	-57%	-16%
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	14%	10%	22%	10%	13%	-4%	-39%	-93%	19%	19%	19%	4%
1966	Below Normal	-2%	-2%	-4%	49%	52%	49%	52%	52%	52%	-	52%	52%
1967	Wet	23%	58%	35%	-2%	-7%	11%	58%	27%	8%	41%	42%	25%
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	175%	227%	96%	5%	2%	27%	77%	44%	16%	46%	46%	48%
1970	Above Normal	442%	260%	238%	256%	184%	195%	357%	267%	1149%	5323%	679%	42%
1971	Below Normal	-10%	-12%	-13%	-16%	-16%	-16%	-16%	-16%	-16%	-16%	-16%	-16%
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-26%	-4%	-7%	-5%	-4%	-3%	-3%	-4%	-5%	-6%	-6%	-2%
1974	Wet	44%	47%	62%	76%	83%	60%	11%	-67%	84%	84%	84%	-10%
1975	Wet	-26%	-17%	-20%	-28%	-23%	-18%	-4%	17%	105%	105%	105%	-13%
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	61%	85%	42%	3%	-2%	4%	19%	35%	8%	50%	50%	31%
1979	Above Normal	193%	26%	69%	145%	135%	129%	204%	723%	2045%	3094%	-	-
1980	Wet	93%	90%	50%	-15%	-8%	6%	119%	360%	682%	377%	379%	327%
1981	Dry	2290%	136%	167%	115%	75%	83%	48%	63%	-39%	-39%	115%	442%
1982	Wet	71%	1363%	78%	-15%	-8%	4%	59%	296%	683%	877%	-	-
1983	Wet	-	19%	8%	5%	7%	7%	6%	7%	8%	5%	4%	5%
1984	Above Normal	217%	57%	100%	173%	170%	131%	232%	758%	2256%	3544%	3602%	320%
1985	Dry	-100%	635%	361%	369%	369%	369%	369%	369%	369%	369%	369%	-
1986	Wet	8623%	9%	31%	43%	38%	38%	297%	4918%	1895%	3687%	3687%	229%
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	14%	-8%	-15%	16%	0%	12%	53%	655%	179%	1017%	1017%	6%
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	6%	10%	4%	4%	7%	7%	10%	6%	7%	4%	4%	5%
1996	Wet	159%	31%	72%	87%	95%	67%	244%	972%	3935%	-	-	385%
1997	Wet	176%	59%	103%	145%	118%	105%	437%	1045%	3430%	5387%	1986%	-
1998	Wet	34%	97%	23%	-4%	-8%	20%	29%	15%	7%	16%	16%	16%
1999	Above Normal	551%	272%	249%	268%	192%	213%	419%	355%	1155%	4035%	709%	56%
2000	Above Normal	-38%	-50%	-42%	4%	19%	-2%	-47%	18%	-69%	-66%	20%	-13%
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-47%	-48%	-48%	-52%	-52%	-52%	-52%	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	76	79	67	0	0	0	0	0	0	35	26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	19	0	82	21	0	0	0	0	0	0	0	0
1937	Wet	0	12	10	83	0	0	0	0	0	21	72	67
1938	Wet	0	0	12	34	31	0	0	0	0	0	0	6
1939	Dry	14	60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	18	46	0	0	0	0	0	0	0	0
1941	Wet	33	64	9	42	0	0	0	0	0	0	20	58
1942	Wet	0	0	76	66	0	0	0	0	0	0	0	67
1943	Wet	0	0	74	14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	2
1945	Above Normal	0	0	0	4	0	0	0	0	0	30	68	10
1946	Above Normal	0	0	16	0	0	0	0	0	0	0	0	10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	74	74	69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	24
1952	Wet	0	0	12	47	0	0	0	0	0	0	18	12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1956	Wet	48	0	0	40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	12	46	0	0	0	0	0	0	0	0
1959	Dry	0	5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	70	69
1965	Wet	0	0	0	0	0	0	0	0	0	0	29	12
1966	Below Normal	0	0	54	0	0	0	0	0	0	0	3	68
1967	Wet	69	0	8	71	38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	12	0	40	0	0	0	0	0	38	7
1970	Above Normal	27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	83	0	0	0	0	0	0	74	29
1974	Wet	49	0	86	83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	2
1978	Wet	0	0	11	71	33	0	0	0	0	0	35	13
1979	Above Normal	40	0	63	51	0	0	0	0	0	0	0	0
1980	Wet	0	0	86	38	11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1982	Wet	74	0	86	38	0	0	0	78	71	0	0	0
1983	Wet	0	0	0	0	53	0	0	0	46	0	74	0
1984	Above Normal	32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	2
1986	Wet	0	78	80	77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1993	Wet	10	76	71	51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	10	69
1995	Wet	0	71	1	71	53	0	0	0	0	0	0	0
1996	Wet	0	70	68	74	0	0	0	0	0	0	0	0
1997	Wet	77	0	43	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	5	0	40	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 3 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	71	46	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	46	0	0	0	0	0	74	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1996	Wet	0	0	65	47	0	0	0	0	0	0	0	0
1997	Wet	45	0	7	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	-76	-79	-67	0	0	0	0	0	0	-35	-26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	-62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	-19	0	-82	-21	0	0	0	0	0	0	0	0
1937	Wet	0	-12	-10	-83	0	0	0	0	0	-21	-72	-67
1938	Wet	0	0	-12	38	16	0	0	0	0	0	0	-6
1939	Dry	-14	-60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	-18	-46	0	0	0	0	0	0	0	0
1941	Wet	-33	-64	-9	-42	0	0	0	0	0	0	-20	-58
1942	Wet	0	0	-76	-66	0	0	0	0	0	0	0	-67
1943	Wet	0	0	-74	-14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1945	Above Normal	0	0	0	-4	0	0	0	0	0	-30	-68	-10
1946	Above Normal	0	0	-16	0	0	0	0	0	0	0	0	-10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	-74	-74	-69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-24
1952	Wet	0	0	-12	-47	0	0	0	0	0	0	-18	-12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1956	Wet	-48	0	0	-40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	-12	-46	0	0	0	0	0	0	0	0
1959	Dry	0	-5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-70	-69
1965	Wet	0	0	0	0	0	0	0	0	0	0	-29	-12
1966	Below Normal	0	0	-54	0	0	0	0	0	0	0	-3	-68
1967	Wet	-69	0	-8	-71	-38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	-12	0	7	0	0	0	0	0	-38	-7
1970	Above Normal	-27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	-83	0	0	0	0	0	0	-74	-29
1974	Wet	-49	0	-86	-83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	-33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2
1978	Wet	0	0	-11	-71	-33	0	0	0	0	0	-35	-13
1979	Above Normal	-40	0	-63	-51	0	0	0	0	0	0	0	0
1980	Wet	0	0	-86	-38	-11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1982	Wet	-74	0	-86	-38	0	0	0	-78	-71	0	0	0
1983	Wet	0	0	0	0	-7	0	0	0	-46	0	0	0
1984	Above Normal	-32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1986	Wet	0	-78	-80	-77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1993	Wet	-10	-76	-71	-51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	-10	-69
1995	Wet	0	-71	-1	-71	-7	0	0	0	0	0	0	0
1996	Wet	0	-70	-3	-28	0	0	0	0	0	0	0	0
1997	Wet	-33	0	-36	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	-5	0	-40	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	-32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1937	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%	-100%
1938	Wet	-	-	-100%	111%	51%	-	-	-	-	-	-	-100%
1939	Dry	-100%	-100%	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1941	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1942	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-100%
1943	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1945	Above Normal	-	-	-	-100%	-	-	-	-	-	-100%	-100%	-100%
1946	Above Normal	-	-	-100%	-	-	-	-	-	-	-	-	-100%
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1952	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1956	Wet	-100%	-	-	-100%	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1959	Dry	-	-100%	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1965	Wet	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1966	Below Normal	-100%	-	-100%	-	-	-	-	-	-	-	-100%	-100%
1967	Wet	-100%	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-100%	-	17%	-	-	-	-	-	-100%	-100%
1970	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-100%	-100%
1974	Wet	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-100%	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1978	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%
1979	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1980	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1982	Wet	-100%	-	-100%	-100%	-	-	-	-100%	-100%	-	-	-
1983	Wet	-	-	-	-	-13%	-	-	-	-100%	-	0%	-
1984	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1986	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1993	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1995	Wet	-	-100%	-100%	-100%	-12%	-	-	-	-	-	-	-
1996	Wet	-	-100%	-4%	-37%	-	-	-	-	-	-	-	-
1997	Wet	-42%	-	-83%	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-100%	-	-100%	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,832	3,756	5,158	7,749	8,667	7,129	4,147	3,140	1,959	1,629	2,042	2,677
1923	Below Normal	2,223	2,743	3,870	5,628	6,119	5,272	3,491	2,723	1,614	1,176	1,313	1,725
1924	Critical	1,365	1,581	2,201	3,031	3,143	2,942	2,313	1,848	1,056	652	563	822
1925	Dry	2,110	2,630	4,125	6,049	6,625	5,640	3,620	2,805	1,681	1,265	1,457	1,963
1926	Dry	1,816	2,129	2,982	4,154	4,348	3,990	3,057	2,448	1,397	882	815	1,167
1927	Wet	2,310	2,953	4,149	6,088	6,671	5,674	3,632	2,813	1,688	1,273	1,470	1,911
1928	Above Normal	2,015	2,660	3,747	5,424	5,874	5,095	3,433	2,686	1,586	1,137	1,245	1,700
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,124	2,974	4,142	4,333	3,979	3,053	2,445	1,395	879	811	1,162
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,499	1,761	2,452	3,440	3,634	3,302	2,446	1,933	1,128	745	707	994
1933	Critical	1,298	1,496	2,083	2,837	2,911	2,771	2,251	1,808	1,021	608	496	741
1934	Critical	1,394	1,619	2,255	3,118	3,247	3,018	2,342	1,866	1,071	672	594	859
1935	Below Normal	1,506	1,713	3,225	4,551	4,824	4,339	3,185	2,529	1,467	972	954	1,288
1936	Below Normal	2,150	2,596	3,647	5,256	5,672	4,950	3,385	2,656	1,563	1,105	1,189	1,630
1937	Below Normal	1,698	2,457	3,477	4,973	5,332	4,705	3,305	2,605	1,525	1,052	1,094	1,511
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,878	2,400	3,365	4,785	5,106	4,063	3,251	2,572	1,499	1,016	1,032	1,383
1940	Above Normal	2,093	2,732	3,884	5,652	6,148	5,293	3,498	2,727	1,618	1,181	1,321	1,796
1941	Wet	2,649	3,533	4,900	7,318	8,148	6,755	4,025	3,063	1,899	1,547	1,899	2,496
1942	Wet	2,822	3,752	5,189	7,801	8,729	6,491	4,162	3,150	1,966	1,639	2,060	2,699
1943	Wet	2,812	3,505	4,930	7,368	8,209	6,799	4,039	3,072	1,906	1,556	1,916	2,431
1944	Dry	1,889	2,228	3,120	4,381	4,620	4,189	3,130	2,495	1,437	933	894	1,262
1945	Below Normal	2,168	3,141	4,416	6,525	7,196	6,059	3,774	2,903	1,766	1,373	1,624	2,163
1946	Below Normal	2,476	3,141	4,385	6,473	7,134	6,014	3,757	2,893	1,757	1,361	1,606	2,141
1947	Dry	1,985	2,640	3,711	5,363	5,801	5,043	3,416	2,676	1,578	1,126	1,224	1,617
1948	Below Normal	1,632	2,440	3,378	4,807	5,132	4,561	3,258	2,576	1,502	1,020	1,039	1,441
1949	Dry	1,972	3,043	4,239	6,235	6,848	5,804	3,680	2,844	1,714	1,307	1,522	2,041
1950	Below Normal	1,895	2,395	3,358	4,773	5,091	4,532	3,248	2,569	1,497	1,014	1,028	1,427
1951	Above Normal	2,541	3,141	4,405	6,505	7,173	6,042	3,768	2,899	1,762	1,368	1,617	2,081
1952	Wet	2,981	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1953	Wet	2,122	2,678	3,760	5,445	5,899	5,114	3,439	2,690	1,589	1,141	1,252	1,709
1954	Above Normal	2,145	2,684	3,751	5,430	5,881	4,955	3,435	2,688	1,587	1,138	1,247	1,703
1955	Dry	2,065	2,475	3,472	4,965	5,322	4,698	3,302	2,604	1,523	1,050	1,092	1,456
1956	Wet	2,979	3,680	5,012	7,505	8,374	6,412	4,078	3,097	1,925	1,583	1,961	2,575
1957	Above Normal	2,042	2,478	3,470	4,960	5,316	4,693	3,301	2,603	1,523	1,049	1,090	1,506
1958	Wet	2,830	3,763	5,518	8,350	9,390	7,650	4,318	3,249	2,041	1,743	2,243	2,930
1959	Below Normal	2,006	2,484	3,507	5,023	5,392	4,748	3,319	2,614	1,531	1,061	1,111	1,479
1960	Dry	1,810	2,429	3,406	4,854	5,189	3,558	3,271	2,584	1,508	1,029	1,055	1,461
1961	Dry	2,011	2,816	3,921	5,662	6,223	3,520	3,515	2,739	1,626	1,192	1,341	1,822
1962	Below Normal	2,124	2,694	3,794	5,501	5,966	5,162	3,455	2,700	1,597	1,152	1,270	1,733
1963	Wet	2,234	2,828	3,963	5,784	6,307	5,408	3,535	2,751	1,636	1,206	1,365	1,788
1964	Dry	2,109	2,538	3,563	5,117	5,504	4,829	3,346	2,631	1,544	1,079	1,142	1,571
1965	Wet	2,189	2,651	4,919	7,349	8,186	5,849	4,034	3,069	1,904	1,553	1,909	2,509
1966	Below Normal	2,251	2,790	3,901	5,681	6,183	5,318	3,506	2,733	1,622	1,186	1,330	1,808
1967	Wet	3,050	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,540	3,582	5,148	5,542	4,856	3,354	2,637	1,549	1,085	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,456	3,141	4,379	6,464	7,124	5,870	3,755	2,891	1,755	1,359	1,603	2,138
1971	Wet	1,979	2,492	3,495	5,003	5,367	4,730	3,313	2,611	1,529	1,057	1,104	1,471
1972	Below Normal	2,215	2,667	3,718	5,375	5,815	5,053	3,419	2,678	1,580	1,128	1,228	1,680
1973	Above Normal	2,295	2,974	4,171	6,124	6,716	5,707	3,644	2,821	1,695	1,282	1,483	1,995
1974	Wet	2,812	3,742	5,129	7,700	8,608	5,771	4,133	3,132	1,952	1,619	2,026	2,657
1975	Wet	2,455	3,250	4,406	6,507	7,175	5,054	3,768	2,900	1,763	1,369	1,618	2,081
1976	Critical	1,639	1,891	2,650	3,613	3,698	3,513	2,881	2,336	1,301	759	625	940
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,604	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1979	Below Normal	2,045	2,852	4,016	5,870	6,411	5,483	3,562	2,768	1,650	1,224	1,394	1,823
1980	Above Normal	2,835	3,543	4,985	7,461	8,320	6,879	4,065	3,089	1,919	1,574	1,946	2,556
1981	Dry	2,110	2,618	3,720	5,378	5,819	4,580	3,420	2,678	1,580	1,129	1,229	1,681
1982	Wet	3,031	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,141	4,417	6,526	7,197	6,060	3,774	2,904	1,766	1,373	1,624	2,163
1985	Dry	2,326	2,890	4,087	5,987	6,551	5,586	3,600	2,792	1,670	1,251	1,435	1,937
1986	Wet	2,277	3,114	4,380	6,465	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1987	Dry	1,506	2,221	3,110	4,364	4,600	4,175	3,125	2,491	1,434	930	889	1,212
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,422	3,397	4,839	5,170	4,589	3,267	2,581	1,506	1,026	1,050	1,455
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,733	2,413	3,377	3,558	3,246	2,426	1,920	1,117	730	685	934
1992	Critical	1,518	1,897	2,642	3,750	4,005	3,575	2,547	1,997	1,183	815	815	1,124
1993	Above Normal	2,249	3,255	4,372	6,452	7,108	4,897	3,750	2,888	1,753	1,356	1,598	2,132
1994	Critical	2,170	2,674	3,731	5,305	5,953	3,038	3,081	2,336	1,452	1,178	1,427	1,883
1995	Wet	2,827	3,822	5,353	8,074	9,058	7,411	4,240	3,199	2,003	1,691	2,151	2,717
1996	Wet	2,527	3,456	4,721	7,023	7,794	5,157	3,936	3,007	1,854	1,486	1,798	2,372
1997	Wet	2,797	3,483	4,898	7,315	8,145	6,192	4,024	3,062	1,899	1,546	1,898	2,495
1998	Wet	2,955	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1999	Wet	2,245	2,956	4,135	6,065	6,644	5,654	3,625	2,808	1,684	1,268	1,462	1,902
2000	Above Normal	2,214	2,909	4,065	5,951	6,507	5,554	3,588	2,785	1,664	1,242	1,423	1,922
2001	Dry	2,031	2,476	3,474	4,968	5,325	4,700	3,303	2,604	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,275	2,862	3,989	5,827	6,358	5,445	3,548	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,883	3,808	5,239	7,892	8,838	6,920	4,171	3,165	1,975	1,662	2,053	2,741
1923	Below Normal	2,267	2,785	3,939	5,752	6,267	5,369	3,509	2,744	1,628	1,205	1,364	1,778
1924	Critical	1,366	1,581	2,202	3,032	3,144	2,943	2,314	1,848	1,056	652	564	823
1925	Dry	2,124	2,644	4,151	6,095	6,680	5,677	3,629	2,813	1,687	1,275	1,475	1,983
1926	Dry	1,816	2,129	2,982	4,156	4,349	3,991	3,056	2,448	1,397	882	816	1,168
1927	Wet	2,363	3,008	4,237	6,243	6,858	5,799	3,660	2,840	1,707	1,309	1,532	1,977
1928	Above Normal	2,042	2,688	3,793	5,504	5,969	5,159	3,447	2,700	1,596	1,155	1,276	1,736
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,123	2,974	4,141	4,332	3,978	3,052	2,445	1,395	879	810	1,162
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,551	1,815	2,539	3,593	3,817	3,424	2,473	1,959	1,146	780	768	1,061
1933	Critical	1,300	1,498	2,087	2,845	2,919	2,777	2,252	1,809	1,022	609	498	744
1934	Critical	1,392	1,617	2,252	3,113	3,242	3,014	2,340	1,865	1,070	670	592	857
1935	Below Normal	1,559	1,768	3,312	4,706	5,009	4,462	3,212	2,556	1,485	1,007	1,015	1,354
1936	Below Normal	2,202	2,649	3,734	5,409	5,854	5,071	3,412	2,682	1,581	1,140	1,188	1,629
1937	Below Normal	1,749	2,456	3,498	5,124	5,513	4,825	3,331	2,631	1,542	1,051	1,093	1,510
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,846	2,334	3,279	4,651	4,943	3,318	3,195	2,545	1,476	995	996	1,331
1940	Above Normal	2,172	2,825	4,028	5,899	6,445	5,497	3,551	2,771	1,649	1,233	1,352	1,847
1941	Wet	2,710	3,577	4,972	7,446	8,301	6,422	4,044	3,085	1,914	1,577	1,890	2,553
1942	Wet	2,867	3,795	5,173	7,928	8,881	6,596	4,181	3,171	1,980	1,669	2,051	2,756
1943	Wet	2,856	3,547	4,999	7,492	8,357	6,895	4,058	3,093	1,920	1,586	1,967	2,484
1944	Dry	1,920	2,262	3,173	4,471	4,728	4,263	3,149	2,511	1,449	954	929	1,302
1945	Below Normal	2,211	3,170	4,468	6,620	7,310	6,131	3,782	2,918	1,773	1,395	1,665	2,206
1946	Below Normal	2,519	3,196	4,473	6,628	7,319	6,137	3,785	2,919	1,775	1,396	1,667	2,209
1947	Dry	2,000	2,662	3,746	5,423	5,873	5,092	3,428	2,686	1,585	1,139	1,247	1,643
1948	Below Normal	1,632	2,439	3,376	4,804	5,129	4,559	3,257	2,575	1,501	1,020	1,038	1,440
1949	Dry	1,973	3,042	4,237	6,232	6,844	5,801	3,679	2,843	1,714	1,306	1,521	2,040
1950	Below Normal	1,903	2,403	3,371	4,796	5,119	4,550	3,252	2,573	1,500	1,014	1,028	1,437
1951	Above Normal	2,594	3,196	4,492	6,660	7,357	6,165	3,795	2,926	1,780	1,404	1,678	2,102
1952	Wet	3,032	3,946	5,559	8,418	9,472	7,709	4,337	3,261	2,050	1,756	2,265	2,959
1953	Wet	2,089	2,683	3,776	5,479	5,939	5,133	3,432	2,695	1,591	1,154	1,273	1,727
1954	Above Normal	2,155	2,697	3,770	5,463	5,920	4,967	3,443	2,693	1,592	1,145	1,258	1,717
1955	Dry	2,064	2,473	3,470	4,961	5,317	4,694	3,301	2,603	1,523	1,050	1,091	1,452
1956	Wet	2,979	3,680	5,100	7,660	8,558	6,535	4,105	3,123	1,943	1,618	2,023	2,643
1957	Above Normal	2,095	2,532	3,557	5,114	5,500	4,816	3,328	2,629	1,541	1,084	1,152	1,574
1958	Wet	2,882	3,817	5,372	8,106	9,096	7,438	4,249	3,205	2,008	1,697	2,161	2,827
1959	Below Normal	2,021	2,522	3,564	5,121	5,509	4,829	3,342	2,631	1,544	1,081	1,147	1,520
1960	Dry	1,808	2,427	3,403	4,850	5,183	3,514	3,270	2,583	1,508	1,028	1,053	1,459
1961	Dry	2,011	2,815	3,920	5,661	6,220	3,515	3,515	2,738	1,626	1,192	1,341	1,822
1962	Below Normal	2,177	2,749	3,882	5,657	6,152	5,286	3,482	2,727	1,615	1,187	1,332	1,802
1963	Wet	2,282	2,875	4,040	5,920	6,469	5,515	3,557	2,774	1,651	1,237	1,420	1,846
1964	Dry	2,111	2,540	3,566	5,122	5,511	4,834	3,347	2,632	1,545	1,080	1,144	1,574
1965	Wet	2,218	2,672	4,962	7,429	8,280	5,609	4,040	3,081	1,912	1,574	1,946	2,546
1966	Below Normal	2,289	2,829	3,965	5,792	6,316	5,406	3,525	2,752	1,635	1,211	1,375	1,858
1967	Wet	3,094	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,589	3,662	5,289	5,710	4,968	3,379	2,661	1,565	1,117	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,467	3,196	4,467	6,619	7,308	5,996	3,782	2,917	1,773	1,394	1,664	2,206
1971	Wet	2,009	2,522	3,544	5,089	5,470	4,799	3,328	2,625	1,539	1,077	1,139	1,508
1972	Below Normal	2,216	2,668	3,720	5,379	5,819	5,056	3,420	2,678	1,580	1,129	1,230	1,682
1973	Above Normal	2,348	3,028	4,259	6,278	6,900	5,829	3,671	2,847	1,713	1,317	1,545	2,063
1974	Wet	2,836	3,750	5,149	7,741	8,656	5,625	4,128	3,138	1,955	1,633	2,050	2,677
1975	Wet	2,515	3,315	4,508	6,685	7,388	5,194	3,803	2,931	1,785	1,409	1,687	2,157
1976	Critical	1,637	1,889	2,648	3,609	3,693	3,509	2,880	2,335	1,300	758	624	938
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,572	3,946	5,499	8,319	9,352	6,982	4,309	3,243	2,037	1,737	2,232	2,917
1979	Below Normal	2,010	2,730	3,850	5,603	6,089	5,240	3,467	2,717	1,608	1,177	1,253	1,652
1980	Above Normal	2,837	3,547	5,078	7,623	8,515	7,009	4,095	3,116	1,938	1,611	2,011	2,628
1981	Dry	2,151	2,673	3,809	5,534	6,005	4,654	3,447	2,705	1,598	1,164	1,291	1,750
1982	Wet	3,065	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,196	4,505	6,680	7,381	6,183	3,802	2,930	1,784	1,408	1,685	2,231
1985	Dry	2,360	2,925	4,144	6,087	6,670	5,665	3,617	2,809	1,682	1,273	1,475	1,981
1986	Wet	2,260	3,113	4,380	6,619	7,309	6,130	3,782	2,917	1,773	1,394	1,664	2,206
1987	Dry	1,508	2,215	3,103	4,353	4,586	4,164	3,120	2,489	1,432	927	885	1,208
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,418	3,391	4,829	5,159	4,580	3,264	2,579	1,505	1,024	1,047	1,451
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,732	2,412	3,374	3,555	3,244	2,425	1,919	1,116	730	684	933
1992	Critical	1,517	1,889	2,632	3,733	3,986	3,560	2,541	1,993	1,180	812	810	1,117
1993	Above Normal	2,295	3,297	4,443	6,579	7,261	5,000	3,769	2,909	1,766	1,385	1,650	2,189
1994	Critical	2,173	2,679	3,738	5,314	5,976	3,034	3,085	2,338	1,454	1,181	1,430	1,888
1995	Wet	2,854	3,722	5,177	7,934	8,888	7,279	4,183	3,172	1,981	1,670	2,114	2,663
1996	Wet	2,600	3,429	4,694	6,989	7,752	5,138	3,902	2,994	1,839	1,478	1,732	2,293
1997	Wet	2,850	3,537	4,986	7,470	8,330	6,214	4,051	3,089	1,917	1,582	1,959	2,563
1998	Wet	2,980	3,904	5,486	8,297	9,326	7,604	4,303	3,239	2,034	1,733	2,225	2,908
1999	Wet	2,250	3,017	4,232	6,235	6,847	5,791	3,657	2,838	1,705	1,307	1,529	1,974
2000	Above Normal	2,266	2,962	4,151	6,103	6,689	5,675	3,614	2,811	1,682	1,277	1,483	1,989
2001	Dry	2,033	2,479	3,479	4,976	5,335	4,706	3,305	2,606	1,525	1,052	1,096	1,512
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,292	2,879	4,016	5,874	6,415	5,482	3,556	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	51	52	81	143	171	-209	24	24	17	33	11	64
1923	Below Normal	44	42	70	124	148	97	19	21	14	29	51	53
1924	Critical	1	1	1	2	2	1	1	0	0	0	1	1
1925	Dry	14	14	26	46	55	37	9	8	6	10	18	20
1926	Dry	0	0	1	1	1	1	0	0	0	0	1	1
1927	Wet	53	55	89	156	186	124	28	27	18	35	62	66
1928	Above Normal	27	28	45	80	95	64	14	14	9	18	32	35
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	-1	-1	-1	-1	-2	-1	0	0	0	0	0	-1
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	52	54	87	153	183	122	27	26	18	35	61	67
1933	Critical	3	2	4	7	9	6	1	1	1	2	3	3
1934	Critical	-2	-2	-3	-5	-6	-4	-2	-1	-1	-1	-2	-2
1935	Below Normal	53	54	88	154	184	123	27	26	18	35	61	66
1936	Below Normal	52	54	87	153	182	121	27	26	18	35	-1	-1
1937	Below Normal	51	-1	21	151	181	120	26	26	18	-1	-1	-1
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	-32	-66	-86	-134	-163	-745	-56	-27	-23	-21	-35	-51
1940	Above Normal	79	93	143	247	296	203	54	43	31	53	31	50
1941	Wet	61	44	72	128	153	-333	20	22	15	30	-9	57
1942	Wet	45	43	-16	127	151	105	19	21	14	30	-9	57
1943	Wet	44	42	70	124	148	97	19	21	14	29	51	53
1944	Dry	31	34	53	91	108	74	19	16	12	21	35	40
1945	Below Normal	42	29	52	95	114	71	8	14	8	22	41	43
1946	Below Normal	43	54	88	154	184	123	27	26	18	35	61	68
1947	Dry	15	22	35	60	72	49	12	10	7	13	23	25
1948	Below Normal	0	-1	-2	-3	-3	-2	-1	0	0	-1	-1	-1
1949	Dry	1	-2	-2	-3	-4	-3	-1	-1	-1	-1	-1	-1
1950	Below Normal	8	8	13	23	27	18	4	4	3	0	0	10
1951	Above Normal	53	54	88	154	184	123	27	26	18	35	61	21
1952	Wet	52	0	-8	-13	-15	-11	-4	-2	-2	-2	-4	-5
1953	Wet	-34	5	16	34	40	19	-7	5	2	12	21	18
1954	Above Normal	10	13	19	32	39	12	8	6	4	6	11	14
1955	Dry	-1	-2	-2	-4	-4	-4	-2	-1	-1	-1	-1	-4
1956	Wet	0	0	88	154	184	123	27	26	18	35	61	68
1957	Above Normal	53	54	88	154	185	123	27	26	18	35	61	68
1958	Wet	53	54	-146	-244	-294	-212	-69	-44	-33	-46	-81	-103
1959	Below Normal	15	38	57	98	117	81	23	17	13	20	35	40
1960	Dry	-2	-2	-3	-5	-6	-44	-1	-1	-1	-1	-2	-2
1961	Dry	-1	-1	-1	-2	-2	-5	-1	0	0	0	-1	-1
1962	Below Normal	53	55	89	156	186	124	28	27	18	35	62	69
1963	Wet	47	47	77	136	162	107	22	23	16	32	55	58
1964	Dry	2	2	3	5	6	4	1	1	1	1	2	2
1965	Wet	29	21	43	79	94	-240	6	13	8	21	37	37
1966	Below Normal	38	39	63	111	133	88	19	19	13	25	45	49
1967	Wet	44	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	50	80	141	168	112	25	24	17	32	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	10	54	88	154	184	126	27	26	18	35	61	68
1971	Wet	30	30	49	86	103	68	14	15	10	20	35	37
1972	Below Normal	1	1	2	4	4	3	1	1	0	1	1	2
1973	Above Normal	53	54	88	154	184	123	27	26	18	35	61	68
1974	Wet	24	8	20	41	48	-146	-5	6	3	14	24	21
1975	Wet	60	65	102	178	213	140	35	31	22	40	70	75
1976	Critical	-1	-2	-3	-4	-5	-4	-1	-1	-1	-1	-1	-2
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-32	0	-67	-112	-135	-738	-32	-20	-15	-21	-37	-47
1979	Below Normal	-36	-122	-165	-267	-322	-243	-95	-51	-42	-47	-141	-171
1980	Above Normal	2	4	93	163	195	130	30	28	19	37	64	72
1981	Dry	41	55	88	155	186	74	28	27	18	35	62	69
1982	Wet	34	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	54	88	154	184	123	27	26	18	35	61	68
1985	Dry	34	35	57	100	119	79	18	17	12	23	40	44
1986	Wet	-17	0	0	154	184	123	27	26	18	35	61	68
1987	Dry	2	-6	-7	-11	-14	-11	-5	-3	-2	-3	-4	-5
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-4	-6	-10	-12	-9	-3	-2	-1	-2	-3	-4
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	-1	-2	-3	-3	-2	-1	-1	0	-1	-1	-1
1992	Critical	-1	-7	-10	-16	-20	-14	-5	-3	-3	-4	-6	-7
1993	Above Normal	47	43	71	128	152	103	19	21	13	29	52	57
1994	Critical	3	5	7	9	23	-4	4	2	2	2	4	5
1995	Wet	27	-100	-176	-140	-170	-132	-56	-27	-22	-21	-37	-54
1996	Wet	72	-27	-28	-35	-42	-19	-34	-13	-15	-8	-66	-79
1997	Wet	53	55	88	155	185	22	27	26	18	35	62	68
1998	Wet	24	-43	-80	-134	-161	-116	-38	-24	-18	-25	-45	-56
1999	Wet	5	61	97	170	203	136	32	30	21	39	67	72
2000	Above Normal	52	53	86	152	181	121	26	26	18	35	61	67
2001	Dry	3	3	5	8	10	6	2	1	1	2	3	4
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	16	17	27	48	57	38	8	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2%	1%	2%	2%	2%	-3%	1%	1%	1%	2%	1%	2%
1923	Below Normal	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%	4%	3%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	1%	1%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	4%	3%
1928	Above Normal	1%	1%	1%	1%	2%	1%	0%	1%	1%	2%	3%	2%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	3%	3%	4%	4%	5%	4%	1%	1%	2%	5%	9%	7%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	3%	3%	3%	3%	4%	3%	1%	1%	1%	4%	6%	5%
1936	Below Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	0%	0%
1937	Below Normal	3%	0%	1%	3%	3%	3%	1%	1%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	-2%	-3%	-3%	-3%	-3%	-18%	-2%	-1%	-2%	-2%	-3%	-4%
1940	Above Normal	4%	3%	4%	4%	5%	4%	2%	2%	2%	4%	2%	3%
1941	Wet	2%	1%	1%	2%	2%	-5%	0%	1%	1%	2%	0%	2%
1942	Wet	2%	1%	0%	2%	2%	2%	0%	1%	1%	2%	0%	2%
1943	Wet	2%	1%	1%	2%	2%	1%	0%	1%	1%	2%	3%	2%
1944	Dry	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%	4%	3%
1945	Below Normal	2%	1%	1%	1%	2%	1%	0%	0%	0%	2%	3%	2%
1946	Below Normal	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1947	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	2%	2%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	1%
1951	Above Normal	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	1%
1952	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-2%	0%	0%	1%	1%	0%	0%	0%	0%	1%	2%	1%
1954	Above Normal	0%	0%	1%	1%	1%	0%	0%	0%	0%	1%	1%	1%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1957	Above Normal	3%	2%	3%	3%	3%	3%	1%	1%	1%	3%	6%	5%
1958	Wet	2%	1%	-3%	-3%	-3%	-3%	-2%	-1%	-2%	-3%	-4%	-4%
1959	Below Normal	1%	2%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1960	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	3%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
1963	Wet	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	1%	1%	1%	1%	1%	-4%	0%	0%	0%	1%	2%	1%
1966	Below Normal	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1967	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	2%	2%	3%	3%	2%	1%	1%	1%	3%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1971	Wet	2%	1%	1%	2%	2%	1%	0%	1%	1%	2%	3%	3%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	4%	3%
1974	Wet	1%	0%	0%	1%	1%	-3%	0%	0%	0%	1%	1%	1%
1975	Wet	2%	2%	2%	3%	3%	3%	1%	1%	1%	3%	4%	4%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	-1%	-1%	-1%	-10%	-1%	-1%	-1%	-1%	-2%	-2%
1979	Below Normal	-2%	-4%	-4%	-5%	-5%	-4%	-3%	-2%	-3%	-4%	-10%	-9%
1980	Above Normal	0%	0%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1981	Dry	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
1982	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1985	Dry	1%	1%	1%	2%	2%	1%	0%	1%	1%	2%	3%	2%
1986	Wet	-1%	0%	0%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1993	Above Normal	2%	1%	2%	2%	2%	2%	0%	1%	1%	2%	3%	3%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	1%	-3%	-3%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-2%
1996	Wet	3%	-1%	-1%	0%	-1%	0%	-1%	0%	-1%	-1%	-4%	-3%
1997	Wet	2%	2%	2%	2%	2%	0%	1%	1%	1%	2%	3%	3%
1998	Wet	1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-2%
1999	Wet	0%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
2000	Above Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	4%	3%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	1%	1%	1%	1%	1%	1%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,415	5,380	5,294	3,930	3,301	3,111	3,042	2,765	3,166
1923	Below Normal	2,625	2,797	3,862	5,357	5,739	5,292	3,646	2,824	2,520	2,196	352	503
1924	Critical	789	1,398	1,938	2,868	2,979	2,486	1,663	1,060	860	707	319	485
1925	Dry	1,271	3,176	4,161	5,895	6,439	5,872	4,050	3,085	2,719	2,251	320	617
1926	Dry	1,195	1,945	3,416	4,830	5,276	4,814	3,333	2,537	2,233	1,847	447	2,092
1927	Wet	3,839	4,094	4,783	5,730	5,623	5,596	4,222	3,599	3,423	3,390	409	1,121
1928	Above Normal	1,232	4,641	5,337	6,345	6,228	6,203	4,728	4,052	3,866	3,823	311	423
1929	Critical	540	1,302	2,132	3,131	3,244	2,711	654	1,288	1,446	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	306	574
1931	Critical	856	1,754	2,367	3,502	3,633	3,035	2,025	1,294	1,051	866	415	786
1932	Dry	1,258	2,382	3,138	4,474	4,874	4,406	3,030	2,274	1,991	1,650	309	799
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	523
1934	Critical	902	2,037	2,745	4,054	4,207	2,776	439	2,570	2,136	1,682	322	793
1935	Below Normal	1,232	4,090	4,876	6,121	6,227	6,018	4,439	3,668	3,418	3,236	323	790
1936	Below Normal	3,944	4,454	5,262	6,281	6,163	6,137	4,653	3,977	3,789	3,749	359	704
1937	Below Normal	1,634	5,502	6,322	7,512	7,370	7,346	5,599	4,801	4,585	4,534	529	3,957
1938	Wet	4,204	5,762	6,647	7,964	7,809	7,779	5,852	5,002	4,761	4,723	383	940
1939	Dry	1,484	3,188	4,185	3,629	6,802	4,025	4,475	1,599	1,260	3,733	303	481
1940	Above Normal	1,550	3,117	4,192	5,206	6,503	6,100	4,250	3,241	2,864	2,364	1,369	3,409
1941	Wet	3,745	4,602	5,332	6,410	6,287	6,258	4,694	3,995	3,796	3,766	2,469	3,217
1942	Wet	3,023	3,223	4,020	5,316	5,540	5,232	3,702	2,958	2,697	2,471	2,313	3,466
1943	Wet	3,500	5,107	5,904	7,097	6,961	6,930	5,194	4,422	1,278	5,309	296	388
1944	Dry	892	2,312	3,069	4,425	4,722	4,155	2,835	2,009	1,718	1,427	560	789
1945	Below Normal	3,876	4,437	5,120	6,116	6,002	5,976	4,525	3,865	3,681	3,642	2,787	3,603
1946	Below Normal	3,331	3,392	4,178	5,174	5,155	5,056	3,704	3,087	2,897	2,828	426	826
1947	Dry	1,646	4,620	5,314	6,319	6,202	6,178	4,706	4,032	3,848	3,805	315	414
1948	Below Normal	525	1,746	2,249	2,640	6,189	5,710	4,135	3,176	2,843	2,343	524	747
1949	Dry	1,071	3,549	4,514	6,166	6,600	4,781	4,717	3,593	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,828	3,715
1951	Above Normal	3,596	3,934	4,767	5,763	5,654	5,622	4,184	3,545	3,360	3,339	2,559	3,732
1952	Wet	3,667	4,387	6,109	7,346	7,203	7,172	5,373	4,574	4,346	4,316	2,525	1,236
1953	Wet	1,441	2,621	3,564	3,581	5,897	5,362	3,726	2,825	2,496	2,063	523	2,296
1954	Above Normal	1,714	2,995	4,010	5,549	6,186	5,747	3,951	2,999	2,638	2,182	477	888
1955	Dry	1,400	2,705	3,555	5,051	5,523	5,020	3,457	2,625	2,309	1,911	2,534	4,119
1956	Wet	4,165	4,640	5,392	6,512	6,386	6,355	4,732	4,015	3,809	3,785	536	810
1957	Above Normal	2,063	3,104	4,146	4,893	6,572	6,082	4,235	3,222	2,850	2,354	422	3,845
1958	Wet	3,819	5,774	6,657	7,969	7,815	7,786	5,864	5,016	2,585	5,288	564	954
1959	Below Normal	1,442	2,637	3,468	2,104	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,026	3,595	4,572	5,447	6,843	5,550	4,751	3,726	3,360	2,898	310	550
1961	Dry	798	2,746	3,599	4,885	5,605	4,557	2,541	699	3,001	3,219	321	436
1962	Below Normal	1,424	2,921	3,882	2,833	6,567	6,015	4,266	3,259	2,896	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,149	5,256	5,322	5,150	3,727	3,062	2,846	2,722	690	3,767
1964	Dry	2,526	3,705	4,404	5,503	5,562	5,404	3,962	3,280	3,062	2,938	1,621	3,450
1965	Wet	3,292	3,482	4,194	4,388	5,626	5,419	3,965	3,254	3,022	2,856	2,598	3,200
1966	Below Normal	2,676	2,893	3,891	5,362	5,725	5,295	3,663	2,849	2,549	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,767	7,738	5,821	4,973	4,733	4,695	423	1,142
1968	Below Normal	1,478	2,693	3,541	2,477	6,051	5,521	3,905	2,973	2,628	2,168	2,446	3,987
1969	Wet	4,197	5,551	6,417	7,720	7,569	7,538	5,640	4,802	4,564	4,533	2,782	3,643
1970	Wet	3,598	3,946	4,681	5,661	5,554	5,522	4,109	3,481	3,299	3,278	2,573	3,240
1971	Wet	2,522	2,912	3,944	5,395	5,734	5,324	3,698	2,891	2,596	2,297	986	3,033
1972	Below Normal	2,893	3,052	3,947	5,519	5,957	5,466	3,770	2,900	2,576	2,205	463	3,940
1973	Above Normal	3,799	4,148	4,956	5,958	5,845	5,815	4,366	3,713	3,527	3,498	2,791	4,147
1974	Wet	3,980	4,395	5,099	6,165	6,047	6,015	4,473	3,791	3,594	3,573	1,558	1,352
1975	Wet	3,744	4,203	4,858	5,824	5,714	5,687	4,284	3,652	3,474	3,442	430	783
1976	Critical	1,342	3,053	4,006	5,208	6,309	4,820	4,290	3,266	2,897	2,087	312	425
1977	Critical	520	967	455	79	205	176	1,317	551	2,238	3,025	303	912
1978	Above Normal	3,373	3,770	4,699	5,830	5,869	5,719	4,234	3,528	3,306	3,177	518	804
1979	Below Normal	3,966	4,328	5,025	6,004	5,891	5,865	4,441	3,792	3,611	3,573	482	4,224
1980	Above Normal	4,349	5,710	6,590	7,903	7,749	7,719	5,801	4,954	4,168	4,979	510	812
1981	Dry	1,275	2,780	3,755	2,713	6,374	5,831	4,131	3,151	2,795	2,307	2,275	3,522
1982	Wet	3,816	5,656	6,532	7,844	7,692	7,662	5,745	4,900	4,660	4,626	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,434	5,547	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,755	5,646	5,614	4,173	3,534	3,349	3,329	2,645	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,684	5,742	6,611	7,876	7,733	7,696	5,827	5,012	2,513	5,268	302	410
1987	Dry	501	1,331	1,797	2,649	2,750	2,298	1,546	990	804	660	323	651
1988	Critical	526	1,004	1,426	2,110	2,195	1,829	1,231	783	632	518	450	715
1989	Dry	776	4,039	4,897	6,192	6,330	5,942	4,520	3,720	3,456	3,249	308	466
1990	Critical	681	1,534	2,070	3,057	3,173	2,651	1,776	1,135	923	759	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,399	1,888	2,784	2,890	2,374	1,642	862	744	989	327	3,446
1993	Above Normal	3,331	3,391	4,189	3,808	6,086	5,770	4,184	3,368	3,087	2,809	496	807
1994	Critical	1,557	3,065	4,024	4,654	6,468	3,278	3,234	1,001	2,459	3,861	316	2,662
1995	Wet	2,188	5,263	6,061	7,232	7,094	7,068	5,356	4,580	2,901	3,970	1,775	1,816
1996	Wet	3,311	3,992	4,618	5,547	5,443	5,415	4,071	3,464	3,293	3,264	2,589	3,758
1997	Wet	3,836	4,720	5,467	6,591	6,464	6,434	4,802	4,079	3,872	3,847	525	3,389
1998	Wet	3,607	4,281	5,010	6,016	5,902	5,873	4,416	3,758	3,571	3,540	3,007	3,698
1999	Wet	3,581	3,918	4,742	5,736	5,627	5,595	4,161	3,524	3,340	3,320	528	2,481
2000	Above Normal	2,541	3,544	4,411	5,731	5,932	5,644	4,060	3,281	3,013	2,785	300	467
2001	Dry	865	2,089	2,808	4,130	4,302	3,633	2,437	1,591	1,307	1,081	417	918
2002	Dry	1,392	4,434	5,100	6,065	5,953	4,762	4,840	1,939	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,836	5,911	5,494	3,930	3,301	3,111	3,042	2,765	3,161
1923	Below Normal	2,604	2,793	3,859	6,125	5,819	5,295	3,647	2,822	2,517	2,190	352	504
1924	Critical	790	1,399	1,939	2,869	2,980	2,487	1,663	1,061	860	707	319	485
1925	Dry	1,270	3,178	4,164	5,898	6,443	5,875	4,053	3,087	2,720	2,253	320	616
1926	Dry	1,194	1,942	3,414	4,827	5,273	4,811	3,330	2,536	2,232	1,846	447	2,091
1927	Wet	3,839	4,094	4,783	6,235	5,948	5,596	4,222	3,599	3,423	3,390	409	1,119
1928	Above Normal	1,232	4,642	5,337	6,345	6,228	6,203	4,728	4,052	3,866	3,824	311	423
1929	Critical	540	1,302	2,131	3,130	3,243	2,711	653	1,288	1,445	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	306	574
1931	Critical	856	1,754	2,366	3,501	3,632	3,034	2,025	1,293	1,051	865	415	786
1932	Dry	1,258	2,382	3,138	5,062	5,117	4,406	3,029	2,274	1,991	1,649	309	798
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	632
1934	Critical	1,036	2,178	2,911	4,245	4,482	3,716	456	2,612	2,312	1,868	321	789
1935	Below Normal	1,221	3,960	4,801	6,145	6,328	6,054	4,415	3,602	3,327	3,095	327	790
1936	Below Normal	3,948	4,453	5,261	6,721	6,548	6,136	4,652	3,976	3,789	3,748	359	705
1937	Below Normal	1,634	5,502	6,322	7,599	7,449	7,410	5,660	4,978	4,766	4,629	870	3,840
1938	Wet	4,081	5,793	6,681	7,982	7,873	7,834	5,899	5,171	4,942	4,812	1,019	805
1939	Dry	1,128	2,680	3,520	2,051	6,575	4,260	3,924	1,682	1,246	3,726	303	483
1940	Above Normal	1,551	3,118	4,193	5,800	6,743	6,101	4,251	3,242	2,865	2,365	1,368	3,409
1941	Wet	3,731	4,587	5,315	6,810	6,722	6,513	4,679	3,982	3,783	3,754	2,472	3,221
1942	Wet	3,010	3,221	4,019	5,738	6,205	5,302	3,702	2,957	2,695	2,468	2,312	3,432
1943	Wet	3,470	5,081	5,873	7,352	7,208	7,170	5,438	4,436	1,044	5,523	296	388
1944	Dry	897	2,311	3,069	4,424	4,721	4,155	2,835	2,008	1,718	1,427	560	788
1945	Below Normal	3,823	4,443	5,126	6,612	6,491	6,165	4,531	3,870	3,686	3,647	2,784	3,599
1946	Below Normal	3,327	3,356	4,156	5,997	5,209	5,067	3,697	3,069	2,872	2,788	427	832
1947	Dry	1,644	4,633	5,329	6,337	6,219	6,195	4,719	4,044	3,859	3,816	316	414
1948	Below Normal	525	1,746	2,268	2,640	6,193	5,713	4,141	3,179	2,845	2,336	522	744
1949	Dry	1,068	3,526	4,497	6,166	6,614	4,758	4,719	3,590	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,788	3,719
1951	Above Normal	3,600	3,938	4,770	6,417	5,840	5,626	4,187	3,548	3,363	3,342	2,560	3,726
1952	Wet	3,661	4,380	5,218	6,716	6,679	6,370	4,583	3,890	3,691	3,667	2,890	3,105
1953	Wet	2,270	2,748	3,801	5,374	5,821	5,316	3,629	2,773	2,452	2,086	502	2,933
1954	Above Normal	1,887	2,984	4,015	5,738	6,277	5,701	3,897	2,953	2,594	2,147	463	915
1955	Dry	1,438	2,772	3,642	5,174	5,657	5,143	3,541	2,689	2,365	1,958	2,453	4,064
1956	Wet	4,178	4,653	5,404	6,978	6,850	6,614	4,743	4,025	3,819	3,795	538	810
1957	Above Normal	2,006	3,104	4,144	4,853	6,572	6,088	4,241	3,227	2,855	2,358	421	3,842
1958	Wet	3,816	5,771	6,654	7,969	7,827	7,786	5,862	5,129	3,455	5,284	685	952
1959	Below Normal	1,442	2,637	3,468	2,103	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,022	3,597	4,573	5,450	6,843	5,560	4,748	3,724	3,358	2,897	310	551
1961	Dry	798	2,746	3,599	4,886	5,605	4,554	2,542	698	2,999	3,216	321	436
1962	Below Normal	1,425	2,920	3,882	3,673	6,567	6,015	4,266	3,259	2,895	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,150	6,048	5,694	5,150	3,727	3,063	2,846	2,722	694	3,767
1964	Dry	2,527	3,705	4,404	5,502	5,560	5,402	3,962	3,281	3,062	2,939	1,622	3,449
1965	Wet	3,291	3,481	4,193	5,225	5,951	5,418	3,962	3,258	3,023	2,857	2,599	3,201
1966	Below Normal	2,677	2,893	3,891	5,362	5,724	5,295	3,663	2,849	2,550	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,960	7,805	7,763	5,841	5,111	4,886	4,912	798	1,084
1968	Below Normal	1,481	2,705	3,556	2,504	6,070	5,538	3,919	2,984	2,639	2,177	2,436	3,942
1969	Wet	4,202	5,556	6,422	7,847	7,665	7,691	5,787	5,064	4,840	4,664	2,722	3,565
1970	Wet	3,515	3,970	4,645	6,302	5,984	5,478	4,078	3,455	3,275	3,253	2,583	3,255
1971	Wet	2,580	2,928	3,954	5,385	5,710	5,313	3,698	2,898	2,608	2,319	1,002	3,012
1972	Below Normal	2,893	3,058	3,952	5,521	5,955	5,467	3,773	2,904	2,581	2,211	463	3,940
1973	Above Normal	3,799	4,148	4,956	6,524	6,111	5,815	4,366	3,713	3,527	3,498	2,791	4,137
1974	Wet	3,970	4,382	5,084	6,701	6,586	6,044	4,460	3,780	3,584	3,562	1,586	1,366
1975	Wet	3,740	4,198	4,852	6,404	5,954	5,681	4,279	3,647	3,469	3,438	429	783
1976	Critical	1,346	3,060	4,015	5,229	6,321	4,820	4,302	3,274	2,905	2,048	312	425
1977	Critical	520	967	450	79	205	176	1,317	551	2,236	3,020	303	912
1978	Above Normal	3,126	3,608	4,573	6,312	6,351	6,260	4,205	3,419	3,151	2,926	521	806
1979	Below Normal	3,794	4,143	4,810	6,333	6,212	5,615	4,252	3,629	3,456	3,418	1,713	4,081
1980	Above Normal	4,246	4,725	5,651	7,177	7,030	7,001	5,037	4,223	4,010	3,982	456	1,821
1981	Dry	2,106	3,069	4,180	5,485	6,487	5,930	4,109	3,146	2,785	2,338	2,286	3,528
1982	Wet	3,813	5,655	6,531	7,916	7,763	7,722	5,802	5,071	4,846	4,719	3,176	4,191
1983	Wet	4,111	5,460	6,319	8,288	7,466	7,589	5,643	4,798	4,561	4,534	3,176	3,567
1984	Wet	3,565	3,902	4,756	6,419	6,141	5,614	4,173	3,534	3,349	3,329	2,644	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,568	5,754	6,625	7,882	7,747	7,707	5,836	5,123	3,085	5,271	468	410
1987	Dry	501	1,331	1,797	2,648	2,749	2,297	1,546	989	804	660	323	652
1988	Critical	526	1,004	1,442	2,134	2,220	1,849	1,245	792	639	524	447	711
1989	Dry	771	4,016	4,885	6,198	6,351	5,785	4,563	3,751	3,482	3,261	308	473
1990	Critical	689	1,546	2,086	3,082	3,198	2,672	1,789	1,144	930	765	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,374	1,856	2,736	2,840	2,333	1,614	883	736	931	329	3,451
1993	Above Normal	3,342	3,399	4,194	4,430	6,624	5,770	4,180	3,369	3,091	2,815	496	807
1994	Critical	1,554	3,061	4,019	4,700	6,450	3,275	3,233	995	2,457	3,863	316	2,662
1995	Wet	2,188	5,263	6,061	7,428	6,749	7,272	5,595	3,909	632	3,970	1,779	1,814
1996	Wet	3,310	3,980	4,604	6,034	5,985	5,490	4,058	3,453	3,282	3,253	2,590	3,759
1997	Wet	3,839	4,720	5,466	7,020	6,889	6,730	4,802	4,079	3,872	3,846	523	3,388
1998	Wet	3,605	4,284	4,981	6,548	6,424	5,846	4,397	3,743	3,557	3,525	3,008	3,698
1999	Wet	3,581	3,918	4,742	6,294	6,118	5,702	4,161	3,524	3,340	3,320	528	2,483
2000	Above Normal	2,498	3,521	4,398	6,360	6,169	5,654	4,057	3,270	2,997	2,758	300	471
2001	Dry	869	2,091	2,811	4,133	4,307	3,640	2,441	1,596	1,312	1,085	417	918
2002	Dry	1,392	4,428	5,094	6,058	5,946	4,712	4,846	2,009	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	421	532	200	0	0	0	0	0	-5
1923	Below Normal	-22	-4	-2	768	80	3	0	-2	-3	-6	0	1
1924	Critical	1	1	1	1	1	1	1	0	0	0	0	-1
1925	Dry	-1	2	2	3	4	3	2	2	2	1	0	-1
1926	Dry	-1	-2	-2	-3	-3	-3	-2	-2	-1	-1	0	-2
1927	Wet	0	0	0	505	325	0	0	0	0	0	0	-2
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	-1	-1	-1	-1	-1	-1	-1	1	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1932	Dry	0	0	0	589	243	0	0	0	0	0	0	-1
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	110
1934	Critical	135	140	166	191	275	940	16	42	176	186	-1	-5
1935	Below Normal	-12	-129	-75	24	101	36	-24	-67	-91	-141	5	0
1936	Below Normal	4	-1	-1	440	385	-1	-1	-1	-1	-1	0	0
1937	Below Normal	-1	0	0	88	79	64	62	177	182	95	341	-117
1938	Wet	-124	32	35	18	64	55	47	168	181	90	636	-135
1939	Dry	-356	-509	-665	-1,579	-227	235	-551	83	-14	-7	0	2
1940	Above Normal	0	1	1	594	240	2	1	1	1	1	-2	0
1941	Wet	-14	-15	-17	400	435	256	-15	-13	-13	-12	3	4
1942	Wet	-14	-2	-1	422	665	70	0	-1	-1	-2	-1	-34
1943	Wet	-30	-26	-30	255	247	240	244	14	-234	214	0	0
1944	Dry	5	0	-1	-1	-1	-1	0	0	0	0	0	0
1945	Below Normal	-53	6	6	495	490	190	6	5	5	5	-3	-4
1946	Below Normal	-4	-36	-22	823	54	10	-7	-18	-25	-40	1	6
1947	Dry	-2	13	15	18	17	17	13	11	11	11	0	0
1948	Below Normal	0	1	19	0	5	3	7	4	3	-7	-2	-2
1949	Dry	-3	-24	-17	0	14	-23	2	-3	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	-40	4
1951	Above Normal	3	4	3	654	186	3	3	3	3	3	0	-6
1952	Wet	-6	-7	-891	-629	-524	-801	-789	-684	-655	-649	366	1,870
1953	Wet	829	127	237	1,792	-76	-46	-98	-52	-44	23	-20	637
1954	Above Normal	173	-11	5	189	92	-46	-55	-46	-45	-35	-13	27
1955	Dry	38	67	87	124	135	123	84	64	57	47	-80	-55
1956	Wet	13	13	11	465	464	259	11	10	10	10	2	0
1957	Above Normal	-57	-1	-2	-40	0	6	6	5	5	3	-1	-3
1958	Wet	-2	-3	-3	-1	13	0	-2	113	870	-4	122	-2
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	-4	1	1	3	0	10	-3	-2	-2	-1	0	0
1961	Dry	0	0	0	1	0	-3	1	-1	-2	-2	0	0
1962	Below Normal	1	0	0	840	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	792	372	0	0	0	0	0	4	0
1964	Dry	2	0	0	-1	-2	-2	0	1	1	1	0	-1
1965	Wet	-1	-1	-1	836	325	-1	-3	4	2	1	1	0
1966	Below Normal	1	0	0	0	-1	0	0	0	0	0	0	0
1967	Wet	0	0	0	38	37	25	20	138	153	217	374	-58
1968	Below Normal	3	12	15	27	18	18	14	11	11	9	-10	-44
1969	Wet	5	5	5	127	96	153	147	262	276	131	-60	-78
1970	Wet	-83	23	-36	641	430	-44	-31	-26	-24	-24	10	14
1971	Wet	59	16	9	-10	-25	-12	0	8	12	22	16	-21
1972	Below Normal	1	6	5	1	-2	1	3	4	5	7	-1	0
1973	Above Normal	0	0	0	565	266	0	0	0	0	0	0	-10
1974	Wet	-11	-13	-15	536	539	29	-13	-11	-11	-11	28	13
1975	Wet	-3	-5	-6	580	240	-6	-5	-5	-5	-5	-1	0
1976	Critical	4	7	9	21	12	-1	12	8	8	-39	0	0
1977	Critical	0	0	-5	0	0	0	0	0	-1	-4	0	0
1978	Above Normal	-247	-162	-126	482	483	542	-29	-109	-155	-250	4	2
1979	Below Normal	-171	-185	-215	330	321	-251	-189	-163	-156	-155	1,231	-143
1980	Above Normal	-103	-985	-939	-727	-718	-718	-764	-731	-158	-996	-54	1,010
1981	Dry	831	289	425	2,772	113	99	-22	-6	-10	31	11	6
1982	Wet	-3	-1	-2	72	71	61	57	171	186	93	0	0
1983	Wet	0	0	0	673	0	154	96	81	81	81	0	0
1984	Wet	0	0	0	664	496	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-116	13	14	6	14	11	9	111	572	3	167	0
1987	Dry	0	-1	-1	-1	-1	-1	-1	0	0	0	0	1
1988	Critical	0	0	17	24	24	20	14	9	7	6	-3	-5
1989	Dry	-6	-23	-13	6	20	-157	43	31	26	13	0	7
1990	Critical	8	12	16	24	25	21	14	9	7	6	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	-24	-33	-48	-49	-41	-28	21	-8	-58	2	6
1993	Above Normal	11	9	5	622	538	0	-5	1	3	6	1	0
1994	Critical	-4	-4	-5	46	-18	-3	-1	-6	-2	2	0	0
1995	Wet	0	0	0	196	-345	205	239	-671	-2,270	0	3	-1
1996	Wet	-1	-13	-14	488	542	75	-13	-11	-11	-10	1	2
1997	Wet	3	-1	-1	429	425	297	-1	-1	0	0	-2	-1
1998	Wet	-1	3	-29	532	521	-27	-19	-16	-15	-14	1	0
1999	Wet	0	0	0	558	491	107	0	0	0	0	0	1
2000	Above Normal	-44	-23	-13	630	237	11	-2	-11	-16	-27	0	4
2001	Dry	4	3	3	3	5	6	5	5	5	4	0	0
2002	Dry	0	-5	-6	-7	-7	-50	6	70	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	8%	10%	4%	0%	0%	0%	0%	0%	0%
1923	Below Normal	-1%	0%	0%	14%	1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	9%	6%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	13%	5%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%
1934	Critical	15%	7%	6%	5%	7%	34%	4%	2%	8%	11%	0%	-1%
1935	Below Normal	-1%	-3%	-2%	0%	2%	1%	-1%	-2%	-3%	-4%	2%	0%
1936	Below Normal	0%	0%	0%	7%	6%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	1%	1%	1%	1%	4%	4%	2%	64%	-3%
1938	Wet	-3%	1%	1%	0%	1%	1%	1%	3%	4%	2%	166%	-14%
1939	Dry	-24%	-16%	-16%	-43%	-3%	6%	-12%	5%	-1%	0%	0%	0%
1940	Above Normal	0%	0%	0%	11%	4%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	6%	7%	4%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	8%	12%	1%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	-1%	-1%	4%	4%	3%	5%	0%	-18%	4%	0%	0%
1944	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	8%	8%	3%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-1%	-1%	16%	1%	0%	0%	-1%	-1%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	11%	3%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	-15%	-9%	-7%	-11%	-15%	-15%	-15%	-15%	14%	151%
1953	Wet	58%	5%	7%	50%	-1%	-1%	-3%	-2%	-2%	1%	-4%	28%
1954	Above Normal	10%	0%	0%	3%	1%	-1%	-1%	-2%	-2%	-2%	-3%	3%
1955	Dry	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	7%	7%	4%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-3%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	2%	34%	0%	22%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	15%	7%	0%	0%	0%	0%	0%	1%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	19%	6%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	3%	3%	5%	88%	-5%
1968	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	2%	1%	2%	3%	5%	6%	3%	-2%	-2%
1970	Wet	-2%	1%	-1%	11%	8%	-1%	-1%	-1%	-1%	-1%	0%	0%
1971	Wet	2%	1%	0%	0%	0%	0%	0%	0%	0%	1%	2%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	9%	5%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	9%	9%	0%	0%	0%	0%	0%	2%	1%
1975	Wet	0%	0%	0%	10%	4%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1977	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-7%	-4%	-3%	8%	8%	9%	-1%	-3%	-5%	-8%	1%	0%
1979	Below Normal	-4%	-4%	-4%	5%	5%	-4%	-4%	-4%	-4%	-4%	255%	-3%
1980	Above Normal	-2%	-17%	-14%	-9%	-9%	-9%	-13%	-15%	-4%	-20%	-11%	124%
1981	Dry	65%	10%	11%	102%	2%	2%	-1%	0%	0%	1%	0%	0%
1982	Wet	0%	0%	0%	1%	1%	1%	1%	3%	4%	2%	0%	0%
1983	Wet	0%	0%	0%	9%	0%	2%	2%	2%	2%	2%	0%	0%
1984	Wet	0%	0%	0%	12%	9%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	2%	23%	0%	55%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	-3%	1%	1%	1%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-2%	-2%	-2%	-2%	-2%	-2%	2%	-1%	-6%	1%	0%
1993	Above Normal	0%	0%	0%	16%	9%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	3%	-5%	3%	4%	-15%	-78%	0%	0%	0%
1996	Wet	0%	0%	0%	9%	10%	1%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	7%	7%	5%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	-1%	9%	9%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	10%	9%	2%	0%	0%	0%	0%	0%	0%
2000	Above Normal	-2%	-1%	0%	11%	4%	0%	0%	0%	-1%	-1%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	-1%	0%	4%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	870	4,787	6,425	8,229	8,269	6,337	1,662	1,684	926	471	229	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,591	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,430	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,484	8,175	7,639	5,683	1,986	1,252	542	488	210	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,238	8,003	6,127	2,236	1,805	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,755	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,427	6,475	6,396	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,038	4,754	6,330	6,282	4,770	1,476	257	557	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,323	7,909	6,057	2,167	1,766	1,005	369	218	244
1937	Below Normal	199	4,842	6,102	7,650	7,868	6,030	2,198	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	486	306	515
1939	Dry	1,023	7,300	5,456	7,965	7,579	5,829	1,793	1,498	966	424	220	237
1940	Above Normal	243	5,039	5,609	9,099	8,888	6,859	2,581	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,629	6,433	8,729	8,566	6,622	2,537	1,912	924	484	247	266
1944	Dry	334	5,399	5,205	7,704	7,636	5,818	2,007	1,439	667	421	235	240
1945	Below Normal	217	5,662	5,420	8,058	8,419	6,464	2,465	1,140	788	332	325	187
1946	Below Normal	333	7,050	6,445	8,714	8,318	6,499	2,420	1,800	756	366	366	276
1947	Dry	244	5,663	5,976	7,438	8,036	6,113	2,312	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,304	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,614	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,089	8,021	7,713	5,879	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,768	5,607	9,032	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	471	5,237	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,309	6,578	8,962	8,956	6,261	2,632	2,017	617	386	247	202
1955	Dry	667	5,404	5,987	8,027	7,686	5,860	1,826	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	413	7,035	6,621	8,421	8,180	6,171	1,305	1,899	1,021	438	240	259
1960	Dry	213	5,415	5,408	8,084	7,706	5,861	2,162	1,702	649	452	218	244
1961	Dry	220	5,405	5,899	8,021	8,081	6,118	2,079	1,779	638	414	260	250
1962	Below Normal	217	6,265	6,443	8,512	8,531	6,513	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,090	6,141	7,560	7,676	5,803	1,996	1,287	633	361	218	244
1965	Wet	526	4,480	6,583	8,849	8,583	5,702	2,523	2,023	544	469	251	276
1966	Below Normal	412	6,992	6,703	8,602	8,341	6,421	2,426	1,918	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	477	7,386	5,651	8,630	8,555	6,574	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,126	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,067	6,033	7,587	7,315	4,972	1,685	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	239	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,070	6,153	8,454	8,078	6,115	2,184	1,231	731	316	220	237
1980	Above Normal	244	5,267	6,090	8,464	8,515	6,654	2,496	1,853	985	401	247	276
1981	Dry	219	4,900	5,914	8,894	8,563	6,609	2,239	1,240	601	381	245	273
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,674	6,037	7,856	7,495	5,707	1,994	1,536	627	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,357	6,381	7,943	8,037	6,077	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,974	4,732	6,667	6,637	5,052	1,717	1,154	610	270	128	208
1992	Critical	210	4,110	5,167	6,430	6,779	5,038	1,662	956	526	285	206	233
1993	Above Normal	217	5,463	4,954	8,175	9,114	6,954	2,770	1,697	776	502	247	276
1994	Critical	435	5,640	4,473	7,381	7,161	5,517	1,980	1,459	488	365	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,937	6,100	7,844	7,813	5,958	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	868	4,784	6,420	8,224	8,263	6,331	1,660	1,683	926	471	228	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,592	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,429	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,483	8,174	7,637	5,682	1,986	1,252	542	488	209	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,237	8,002	6,127	2,236	1,804	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,754	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,426	6,475	6,395	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,037	4,752	6,328	6,280	4,768	1,476	228	556	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,322	7,909	6,056	2,167	1,765	1,004	369	218	244
1937	Below Normal	199	4,842	6,101	7,649	7,868	6,030	2,197	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	556	306	515
1939	Dry	1,013	7,243	5,410	7,901	7,510	5,772	1,770	1,490	963	423	219	236
1940	Above Normal	243	5,045	5,622	9,121	8,913	6,878	2,591	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,627	6,427	8,722	8,558	6,616	2,534	1,911	924	484	247	266
1944	Dry	334	5,403	5,209	7,710	7,643	5,825	2,010	1,440	667	422	235	240
1945	Below Normal	217	5,658	5,415	8,051	8,411	6,457	2,461	1,139	787	331	324	187
1946	Below Normal	333	7,051	6,446	8,716	8,320	6,501	2,421	1,801	756	366	366	276
1947	Dry	244	5,665	5,979	7,441	8,040	6,117	2,314	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,303	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,615	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,090	8,021	7,713	5,880	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,769	5,607	9,033	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	467	5,230	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,311	6,581	8,966	8,961	6,264	2,634	2,017	617	386	247	202
1955	Dry	667	5,403	5,985	8,025	7,684	5,858	1,825	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	414	7,040	6,627	8,429	8,188	6,178	1,307	1,901	1,022	439	241	259
1960	Dry	213	5,415	5,408	8,083	7,704	5,860	2,162	1,702	649	452	218	244
1961	Dry	220	5,404	5,897	8,019	8,079	6,116	2,078	1,778	637	414	260	250
1962	Below Normal	217	6,264	6,443	8,512	8,531	6,512	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,091	6,142	7,561	7,677	5,804	1,996	1,287	633	361	218	244
1965	Wet	524	4,474	6,568	8,830	8,563	5,689	2,515	2,020	544	469	251	276
1966	Below Normal	412	6,995	6,707	8,606	8,346	6,425	2,428	1,919	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	476	7,386	5,650	8,629	8,554	6,573	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,127	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,066	6,032	7,586	7,314	4,971	1,684	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	236	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,031	6,068	8,342	7,955	6,018	2,138	1,227	730	315	218	235
1980	Above Normal	244	5,268	6,092	8,465	8,518	6,656	2,497	1,853	985	401	247	276
1981	Dry	219	4,890	5,896	8,866	8,533	6,584	2,226	1,237	601	379	243	271
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,047	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,670	6,032	7,850	7,489	5,703	1,991	1,535	626	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,355	6,378	7,941	8,034	6,075	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,973	4,731	6,667	6,636	5,051	1,717	1,154	610	270	128	208
1992	Critical	210	4,108	5,163	6,424	6,773	5,033	1,660	956	526	285	206	233
1993	Above Normal	217	5,456	4,943	8,159	9,091	6,936	2,761	1,696	776	502	247	276
1994	Critical	435	5,638	4,472	7,378	7,158	5,514	1,979	1,459	487	364	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,938	6,101	7,844	7,813	5,959	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	-2	-3	-5	-5	-6	-5	-2	-1	-1	0	0	0
1924	Critical	0	0	0	1	1	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	-1	0	0	0	0	0	0	0
1926	Dry	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	-1	-1	-2	-2	-1	-1	-29	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	70	0	0
1939	Dry	-10	-57	-47	-65	-69	-57	-23	-8	-3	-1	-1	-1
1940	Above Normal	0	6	13	22	24	20	9	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	-2	-6	-7	-8	-7	-3	-1	0	0	0	0
1944	Dry	1	3	5	7	8	6	3	1	1	0	0	1
1945	Below Normal	0	-4	-5	-7	-9	-7	-4	-1	-1	-1	-1	-1
1946	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1947	Dry	0	2	3	3	4	3	2	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	1	1	1	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	-3	-7	0	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	1	3	4	5	3	2	1	0	0	0	0
1955	Dry	0	-1	-2	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	1	5	6	8	8	7	2	2	1	1	1	1
1960	Dry	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1961	Dry	0	-1	-2	-2	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	1	1	1	1	1	0	0	0	0	0	0
1965	Wet	-1	-6	-15	-19	-20	-14	-8	-3	0	0	0	0
1966	Below Normal	0	3	4	4	5	4	2	1	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-2	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	-39	-85	-113	-122	-97	-46	-4	-1	-1	-1	-1
1980	Above Normal	0	1	1	2	2	2	1	0	0	0	0	0
1981	Dry	0	-10	-18	-28	-30	-25	-13	-3	-1	-2	-2	-2
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-4	-5	-6	-6	-5	-3	-1	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-1	-2	-2	-3	-2	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1992	Critical	0	-2	-5	-5	-6	-4	-2	0	0	0	0	0
1993	Above Normal	0	-8	-11	-17	-23	-18	-8	-2	0	0	0	0
1994	Critical	0	-2	-2	-3	-3	-3	-2	-1	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%	0%
1939	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-1%	-1%	-1%	-2%	-2%	-2%	0%	0%	0%	-1%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	4
1934	Critical	56	1,755	1,579	2,037	2,107	1,602	603	120	6	6	3	7
1935	Below Normal	20	1,127	2,976	3,638	3,408	2,738	2,195	446	16	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	11	17
1938	Wet	39	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	8	67
1939	Dry	634	3,378	2,263	3,174	3,000	2,410	1,670	448	83	10	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,295	2,667	2,225	665	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	34	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,908	602	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,360	2,502	2,256	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,060	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	3,000	3,136	3,207	2,597	2,160	738	22	21	14	12
1953	Wet	104	1,971	2,707	3,297	3,329	2,496	2,232	415	12	12	7	13
1954	Above Normal	27	1,311	2,967	3,453	3,321	2,526	2,228	681	13	13	7	10
1955	Dry	264	2,293	2,944	3,270	3,078	2,470	1,898	432	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,663	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	16	16
1970	Wet	35	2,518	3,064	2,991	3,123	2,514	2,098	282	18	17	14	15
1971	Wet	79	3,012	2,423	3,115	3,007	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,116	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,338	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	31	1,252	3,129	3,641	3,427	2,757	1,489	818	16	15	5	8
1979	Below Normal	35	1,828	3,118	3,559	3,316	2,546	2,109	88	17	16	10	18
1980	Above Normal	41	2,401	2,859	3,176	3,109	2,513	2,045	604	76	22	5	9
1981	Dry	20	1,923	3,017	3,581	3,340	2,680	1,903	27	12	12	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	41	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,540	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,104	2,483	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,268	2,613	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,481	2,796	2,166	34	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	6	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,015	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 3 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	5
1934	Critical	57	1,756	1,579	2,039	2,111	1,607	606	122	7	7	3	7
1935	Below Normal	19	1,127	2,975	3,637	3,407	2,737	2,194	445	15	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	10	16
1938	Wet	38	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	7	65
1939	Dry	632	3,376	2,261	3,169	2,989	2,399	1,662	443	82	9	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,294	2,666	2,224	664	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	33	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,907	601	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,361	2,502	2,257	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,059	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	2,997	3,130	3,195	2,584	2,150	733	19	19	16	14
1953	Wet	106	1,973	2,709	3,301	3,338	2,505	2,239	419	14	14	7	14
1954	Above Normal	28	1,311	2,968	3,454	3,322	2,527	2,229	682	14	13	7	10
1955	Dry	264	2,293	2,945	3,271	3,080	2,472	1,899	433	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,662	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	15	16
1970	Wet	35	2,518	3,064	2,990	3,122	2,513	2,097	282	17	17	15	15
1971	Wet	79	3,013	2,423	3,115	3,008	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,117	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,339	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	30	1,251	3,128	3,640	3,424	2,755	1,487	817	15	15	6	8
1979	Below Normal	33	1,827	3,117	3,557	3,312	2,542	2,106	87	16	16	12	18
1980	Above Normal	41	2,397	2,856	3,170	3,096	2,500	2,035	598	73	20	7	13
1981	Dry	28	1,925	3,019	3,585	3,350	2,690	1,910	31	14	14	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	40	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,539	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,105	2,484	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,267	2,612	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,480	2,795	2,166	33	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,522	1,880	193	7	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,014	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	1
1934	Critical	1	1	1	2	4	4	3	2	1	1	0	0
1935	Below Normal	0	0	0	-1	-1	-1	-1	-1	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	-1	-1
1938	Wet	-1	0	0	0	0	0	0	0	0	0	-1	-2
1939	Dry	-2	-3	-3	-5	-11	-11	-8	-5	-2	-2	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	-1	-1	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	-3	-6	-12	-13	-10	-5	-2	-2	2	2
1953	Wet	2	2	2	4	9	9	7	4	2	2	0	1
1954	Above Normal	1	0	0	1	1	1	1	1	0	0	0	0
1955	Dry	0	0	0	1	1	1	1	1	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	-1	0	0	0	-1	-1	-1	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-1	0	-1	-1	-2	-2	-2	-1	0	0	0	0
1979	Below Normal	-1	-1	-1	-2	-4	-4	-3	-1	-1	-1	2	0
1980	Above Normal	0	-4	-3	-6	-13	-14	-10	-6	-2	-3	2	4
1981	Dry	7	2	2	4	9	10	7	4	2	2	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%
1934	Critical	2%	0%	0%	0%	0%	0%	1%	2%	10%	10%	0%	-1%
1935	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	2%	3%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	-3%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	-4%
1939	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-16%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-1%	0%	-1%	-11%	-11%	15%	18%
1953	Wet	2%	0%	0%	0%	0%	0%	0%	1%	14%	14%	3%	4%
1954	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%
1970	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	1%	2%
1979	Below Normal	-4%	0%	0%	0%	0%	0%	0%	-1%	-4%	-4%	16%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	0%	-1%	-3%	-11%	35%	45%
1981	Dry	37%	0%	0%	0%	0%	0%	0%	16%	16%	16%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	-1%	-1%
1989	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,211	3,353	3,491	3,952	3,721	3,376	2,925	2,614	2,605
1924	Critical	2,552	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,841	1,418	1,088	967
1925	Dry	965	1,126	1,236	1,562	2,744	3,112	3,795	3,932	3,680	3,197	2,815	2,716
1926	Dry	2,606	2,584	2,623	2,666	3,415	3,572	3,855	3,716	3,242	2,671	2,310	2,184
1927	Wet	2,110	2,565	3,007	3,447	3,462	4,105	4,552	4,552	4,223	3,727	3,332	2,659
1928	Above Normal	2,571	2,822	2,932	3,159	3,653	3,965	4,541	4,493	3,972	3,282	2,895	2,560
1929	Critical	2,438	2,369	2,438	2,702	2,890	3,063	3,104	2,978	2,666	2,213	1,707	1,618
1930	Dry	1,497	1,422	1,967	2,169	2,570	3,066	3,206	3,187	2,851	2,439	2,184	2,157
1931	Critical	2,095	2,073	2,062	2,144	2,233	2,406	2,088	1,823	1,466	979	650	612
1932	Dry	581	586	764	977	1,093	1,551	1,657	1,840	1,700	1,422	1,189	1,089
1933	Critical	991	960	950	959	995	1,593	1,771	1,866	1,716	1,467	889	694
1934	Critical	635	619	738	1,024	1,339	1,593	1,593	1,462	1,161	721	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,705	2,306	1,916	1,804
1936	Below Normal	1,715	1,653	1,647	2,304	3,185	3,487	3,712	3,672	3,452	2,933	2,586	2,515
1937	Below Normal	2,378	2,278	2,251	2,226	2,306	2,953	3,653	3,898	3,695	3,279	2,929	2,824
1938	Wet	2,776	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,076	3,264	3,398	3,484	3,901	3,838	3,624	3,191	2,638	2,299	2,245
1940	Above Normal	2,144	2,048	2,185	3,080	3,252	3,435	4,131	4,131	3,730	3,129	2,737	2,611
1941	Wet	2,520	2,472	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,112	2,876	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,101	3,700	3,196
1943	Wet	3,107	2,861	3,113	3,541	3,848	4,118	4,552	4,552	4,270	3,694	3,332	2,820
1944	Dry	2,748	2,501	2,503	2,551	2,865	3,256	3,288	3,308	3,142	2,743	2,474	2,458
1945	Below Normal	2,393	2,542	2,818	3,038	3,732	3,974	4,138	4,269	4,047	3,550	3,213	3,147
1946	Below Normal	3,047	3,252	3,265	3,622	3,805	4,124	4,293	4,258	3,880	3,374	3,032	2,956
1947	Dry	2,840	2,890	3,006	3,007	3,273	3,798	3,889	3,584	3,392	2,820	2,501	2,342
1948	Below Normal	2,388	2,402	2,405	2,973	3,066	3,402	4,309	4,551	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,367	4,386	3,979	3,455	3,085	2,940
1950	Below Normal	2,782	2,720	2,672	2,920	3,271	3,647	4,029	4,022	3,715	3,318	3,019	2,993
1951	Above Normal	3,163	3,252	3,322	3,624	3,794	4,221	4,333	4,480	4,032	3,384	3,013	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,390
1953	Wet	3,218	2,989	3,345	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,197	3,051	3,209	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,904	2,938	3,187	3,351	3,472	3,638	3,868	4,049	3,762	3,240	2,973	2,991
1956	Wet	2,915	3,002	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,378
1959	Below Normal	3,250	2,935	2,960	3,648	3,777	4,221	4,301	4,151	3,671	3,082	2,692	2,823
1960	Dry	2,701	2,648	2,631	2,843	3,555	4,226	4,297	4,433	3,950	3,347	3,083	2,985
1961	Dry	2,913	3,019	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,974	2,869
1962	Below Normal	2,732	2,753	3,050	3,149	3,675	4,199	4,415	4,347	3,995	3,425	3,094	3,046
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,178	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,901	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,541	4,195	3,738	3,464	3,010
1966	Below Normal	2,877	2,964	3,084	3,568	3,962	4,229	4,552	4,428	3,885	3,256	2,930	2,825
1967	Wet	2,677	3,014	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,293
1968	Below Normal	3,244	3,090	3,181	3,358	3,654	4,226	4,259	4,160	3,717	3,124	2,895	2,877
1969	Wet	2,864	2,935	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,574	3,200
1970	Wet	3,245	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,344
1971	Wet	2,245	2,626	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,675	3,292
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,070
1974	Wet	3,184	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,898	3,069	3,217	3,866	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,019	3,127	3,362	3,441	3,628	3,696	3,557	3,200	2,761	2,755	2,857
1977	Critical	2,673	2,598	2,554	2,538	2,410	2,388	1,992	1,851	1,259	694	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,357
1979	Below Normal	3,200	3,084	3,047	3,121	3,443	3,949	4,212	4,375	3,946	3,417	3,203	3,193
1980	Above Normal	3,200	3,252	3,367	3,528	3,292	3,940	4,230	4,220	3,834	3,391	3,095	3,106
1981	Dry	3,042	2,799	2,919	3,199	3,606	4,208	4,426	4,221	3,566	2,948	2,650	2,616
1982	Wet	2,627	3,252	3,276	3,616	3,530	3,953	4,094	4,488	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,580	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,898	2,741	2,758	2,895	3,236	3,961	3,890	3,598	2,960	2,434	2,225	2,190
1988	Critical	2,048	2,023	2,520	2,896	2,944	3,078	3,098	3,056	2,629	2,072	1,615	1,562
1989	Dry	1,430	1,632	1,714	1,924	2,027	3,405	3,858	3,619	3,268	2,695	2,406	2,470
1990	Critical	2,608	2,634	2,632	2,877	2,974	3,239	3,056	3,227	3,040	2,456	2,095	2,084
1991	Critical	2,023	2,011	1,995	1,998	2,027	2,447	2,609	2,566	2,281	1,869	1,677	1,627
1992	Critical	1,506	1,359	1,355	1,390	2,033	2,472	2,722	2,383	1,810	1,384	908	883
1993	Above Normal	681	650	874	1,519	2,243	3,705	4,338	4,552	4,500	3,929	3,660	3,322
1994	Critical	3,200	2,966	3,010	3,145	3,370	3,543	3,380	3,292	2,855	2,219	1,876	1,859
1995	Wet	1,740	1,713	1,759	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,971	3,337	3,702	3,503	4,010	4,432	4,552	4,340	3,913	3,648	3,230
1997	Wet	3,052	2,947	3,252	3,252	3,737	3,956	4,013	3,774	3,422	2,887	2,710	2,243
1998	Wet	2,098	2,065	2,311	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,128	2,777	2,867	3,565	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,853	3,009	3,437	3,932	4,029	3,821	3,270	2,793	2,643	2,613
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,988
2003	Above Normal	2,796	2,739	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,350	3,152

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,877	3,013	3,210	3,353	3,491	3,951	3,721	3,376	2,925	2,614	2,606
1924	Critical	2,553	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,840	1,417	1,088	965
1925	Dry	963	1,124	1,234	1,560	2,742	3,110	3,793	3,931	3,678	3,196	2,813	2,715
1926	Dry	2,604	2,582	2,621	2,664	3,413	3,570	3,853	3,714	3,241	2,669	2,309	2,183
1927	Wet	2,109	2,564	3,006	3,446	3,462	4,105	4,552	4,552	4,223	3,727	3,332	2,659
1928	Above Normal	2,570	2,822	2,931	3,159	3,652	3,965	4,541	4,493	3,972	3,281	2,895	2,559
1929	Critical	2,438	2,369	2,437	2,702	2,889	3,063	3,104	2,977	2,665	2,213	1,707	1,617
1930	Dry	1,496	1,421	1,966	2,167	2,569	3,065	3,205	3,186	2,849	2,438	2,183	2,156
1931	Critical	2,094	2,072	2,061	2,143	2,232	2,405	2,087	1,822	1,465	977	650	612
1932	Dry	581	586	764	975	1,091	1,549	1,655	1,838	1,700	1,422	1,186	1,086
1933	Critical	987	956	946	955	991	1,589	1,765	1,860	1,709	1,459	881	686
1934	Critical	629	618	735	1,020	1,335	1,589	1,589	1,458	1,156	716	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,704	2,306	1,915	1,803
1936	Below Normal	1,714	1,651	1,645	2,302	3,183	3,485	3,710	3,670	3,449	2,930	2,584	2,512
1937	Below Normal	2,375	2,274	2,248	2,223	2,302	2,949	3,650	3,894	3,692	3,276	2,925	2,820
1938	Wet	2,772	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,076	3,251	3,385	3,472	3,888	3,772	3,573	3,170	2,617	2,281	2,246
1940	Above Normal	2,158	2,060	2,198	3,093	3,252	3,435	4,131	4,130	3,727	3,127	2,733	2,659
1941	Wet	2,568	2,504	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,108	2,857	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,100	3,700	3,196
1943	Wet	3,107	2,862	3,115	3,541	3,848	4,118	4,552	4,552	4,270	3,706	3,344	2,824
1944	Dry	2,752	2,512	2,514	2,562	2,876	3,263	3,295	3,315	3,149	2,751	2,478	2,460
1945	Below Normal	2,396	2,545	2,820	3,040	3,734	3,976	4,140	4,271	4,050	3,553	3,217	3,151
1946	Below Normal	3,052	3,252	3,265	3,622	3,805	4,124	4,292	4,257	3,880	3,378	3,039	2,963
1947	Dry	2,843	2,893	3,010	3,010	3,276	3,801	3,892	3,587	3,393	2,821	2,497	2,341
1948	Below Normal	2,387	2,400	2,403	2,972	3,065	3,401	4,308	4,550	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,366	4,386	3,979	3,455	3,085	2,939
1950	Below Normal	2,781	2,719	2,671	2,918	3,270	3,645	4,027	4,020	3,713	3,317	3,018	2,992
1951	Above Normal	3,162	3,252	3,322	3,624	3,794	4,222	4,333	4,480	4,033	3,384	3,014	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,391
1953	Wet	3,219	2,899	3,342	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,200	3,058	3,216	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,903	2,935	3,184	3,351	3,470	3,637	3,867	4,048	3,760	3,239	2,973	2,992
1956	Wet	2,912	3,000	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,380
1959	Below Normal	3,250	2,865	2,890	3,648	3,777	4,221	4,301	4,150	3,670	3,081	2,691	2,822
1960	Dry	2,698	2,647	2,629	2,841	3,553	4,225	4,296	4,432	3,949	3,346	3,082	2,979
1961	Dry	2,907	3,013	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,976	2,870
1962	Below Normal	2,732	2,752	3,049	3,147	3,675	4,199	4,415	4,347	3,994	3,425	3,094	3,045
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,179	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,900	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,542	4,197	3,740	3,467	3,013
1966	Below Normal	2,880	2,970	3,091	3,575	3,969	4,229	4,552	4,427	3,885	3,256	2,930	2,825
1967	Wet	2,676	3,013	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,282
1968	Below Normal	3,233	2,993	3,082	3,259	3,654	4,226	4,259	4,160	3,717	3,123	2,894	2,876
1969	Wet	2,864	2,934	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,573	3,200
1970	Wet	3,240	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,073	2,794	2,338
1971	Wet	2,240	2,622	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,676	3,293
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,527	4,076	3,460	3,206	3,053
1974	Wet	3,167	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,903	3,075	3,223	3,872	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,017	3,125	3,360	3,439	3,627	3,695	3,555	3,200	2,762	2,755	2,857
1977	Critical	2,673	2,597	2,554	2,537	2,408	2,386	1,990	1,848	1,257	692	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,355
1979	Below Normal	3,196	2,950	2,913	2,993	3,321	3,821	4,084	4,262	3,841	3,353	3,148	3,138
1980	Above Normal	3,141	3,250	3,367	3,528	3,292	3,940	4,230	4,220	3,833	3,390	3,093	3,055
1981	Dry	2,989	2,773	2,892	3,172	3,580	4,182	4,400	4,195	3,541	2,914	2,625	2,586
1982	Wet	2,597	3,252	3,276	3,616	3,530	3,953	4,094	4,487	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,579	3,413	2,830
1985	Dry	2,905	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,341	2,497	3,045	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,897	2,734	2,750	2,888	3,228	3,954	3,883	3,591	2,953	2,427	2,210	2,176
1988	Critical	2,039	2,014	2,511	2,888	2,936	3,070	3,090	3,048	2,619	2,062	1,605	1,553
1989	Dry	1,420	1,622	1,704	1,916	2,019	3,397	3,850	3,612	3,261	2,689	2,400	2,463
1990	Critical	2,602	2,628	2,626	2,871	2,968	3,233	3,050	3,220	3,033	2,450	2,141	2,070
1991	Critical	2,004	1,994	1,978	1,981	2,010	2,430	2,592	2,549	2,263	1,851	1,658	1,608
1992	Critical	1,488	1,340	1,337	1,371	2,015	2,453	2,703	2,364	1,763	1,369	889	866
1993	Above Normal	664	650	874	1,519	2,243	3,699	4,332	4,552	4,500	3,930	3,661	3,323
1994	Critical	3,200	2,968	3,010	3,145	3,369	3,542	3,380	3,290	2,850	2,214	1,872	1,855
1995	Wet	1,734	1,707	1,754	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,857	3,223	3,588	3,503	4,010	4,432	4,552	4,339	3,912	3,648	3,230
1997	Wet	3,060	2,955	3,252	3,252	3,737	3,956	4,013	3,773	3,421	2,890	2,713	2,245
1998	Wet	2,099	2,067	2,312	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,588	3,200
2000	Above Normal	3,127	2,776	2,865	3,563	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,852	3,008	3,436	3,930	4,027	3,819	3,269	2,792	2,642	2,612
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,986
2003	Above Normal	2,793	2,735	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,349	3,151

Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	1	1
1924	Critical	1	1	1	0	0	0	0	0	-1	-1	-1	-1
1925	Dry	-2	-2	-2	-1	-1	-1	-1	-1	-2	-2	-2	-2
1926	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-2	-1	-1
1927	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	-1	-1
1930	Dry	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1931	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	0	0
1932	Dry	0	0	0	-2	-2	-2	-2	-2	0	0	-3	-3
1933	Critical	-4	-4	-4	-4	-4	-4	-6	-7	-7	-8	-8	-9
1934	Critical	-6	-2	-4	-4	-4	-4	-5	-5	-5	-6	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1936	Below Normal	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	-3
1937	Below Normal	-3	-3	-3	-3	-3	-3	-3	-4	-4	-3	-3	-4
1938	Wet	-4	0	0	0	0	0	0	0	0	0	-1	-1
1939	Dry	0	-1	-13	-13	-12	-12	-66	-51	-21	-21	-18	1
1940	Above Normal	14	12	12	12	0	0	0	-1	-2	-2	-4	48
1941	Wet	47	33	0	0	0	0	0	0	0	0	0	0
1942	Wet	-4	-18	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	1	1	0	0	0	0	0	0	12	12	5
1944	Dry	4	11	11	11	11	8	7	7	7	7	5	3
1945	Below Normal	2	2	2	2	2	2	2	3	3	3	4	4
1946	Below Normal	4	0	0	0	0	0	0	0	0	4	7	7
1947	Dry	4	3	3	3	3	3	3	3	2	1	-4	-1
1948	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	-1
1950	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2
1951	Above Normal	-1	0	0	0	0	1	1	1	1	1	1	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1953	Wet	0	-90	-3	0	0	0	0	0	0	0	0	0
1954	Above Normal	3	7	7	0	0	0	0	0	0	0	0	0
1955	Dry	-2	-3	-3	0	-2	-2	-1	-1	-1	-1	1	1
1956	Wet	-3	-3	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	2
1959	Below Normal	0	-70	-70	0	0	0	0	-1	-1	-1	-1	-1
1960	Dry	-3	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-6
1961	Dry	-6	-6	0	0	0	0	0	0	0	0	1	1
1962	Below Normal	0	-1	-1	-2	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	1	2	2	3	3
1966	Below Normal	3	7	7	7	7	0	0	0	0	0	-1	-1
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-11
1968	Below Normal	-11	-96	-99	-99	0	0	0	0	-1	-1	-1	-1
1969	Wet	-1	-1	-1	0	0	0	0	0	0	0	0	0
1970	Wet	-4	0	0	0	0	0	0	0	0	0	0	-6
1971	Wet	-5	-3	0	0	0	0	0	0	0	0	1	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-17
1974	Wet	-17	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	5	5	5	5	0	0	0	0	0	0	0
1976	Critical	0	-2	-2	-2	-2	-2	-2	-2	0	1	0	0
1977	Critical	-1	-1	-1	-1	-2	-2	-2	-2	-3	-3	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1979	Below Normal	-4	-134	-134	-128	-122	-128	-128	-113	-106	-64	-56	-56
1980	Above Normal	-59	-2	0	0	0	0	0	-1	-1	-1	-1	-50
1981	Dry	-53	-27	-27	-27	-27	-27	-27	-26	-26	-33	-24	-30
1982	Wet	-30	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-7	-7	-7	-7	-7	-7	-7	-7	-7	-16	-13
1988	Critical	-9	-9	-9	-9	-7	-8	-8	-8	-10	-10	-9	-9
1989	Dry	-10	-10	-10	-8	-8	-8	-8	-7	-7	-6	-6	-6
1990	Critical	-6	-6	-6	-6	-6	-6	-6	-6	-6	-7	46	-15
1991	Critical	-19	-17	-17	-17	-17	-17	-17	-17	-18	-18	-19	-19
1992	Critical	-19	-19	-19	-19	-19	-19	-19	-20	-48	-15	-19	-17
1993	Above Normal	-16	0	0	0	0	-6	-6	0	0	1	1	1
1994	Critical	0	1	-1	-1	-1	-1	-1	-2	-5	-5	-4	-4
1995	Wet	-5	-5	-5	0	0	0	0	0	0	0	0	0
1996	Wet	0	-114	-114	-114	0	0	0	0	0	0	0	0
1997	Wet	8	8	0	0	0	0	0	0	0	3	3	2
1998	Wet	2	1	1	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	-1	-1	-1	0	0	0	0	0	0	0	0
2001	Dry	0	0	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-3	-3	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1934	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%	-1%	-1%	0%
1940	Above Normal	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1941	Wet	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-4%	-4%	-4%	-4%	-3%	-3%	-3%	-3%	-2%	-2%	-2%
1980	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1981	Dry	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1989	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1991	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1992	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-3%	-1%	-2%	-2%
1993	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-4%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,846	12,618	11,809	10,067	7,610
1923	Below Normal	4,955	6,814	3,282	3,085	2,972	3,231	2,755	9,932	10,120	10,821	8,212	3,432
1924	Critical	4,493	4,467	4,179	1,814	2,922	4,123	7,652	7,665	9,977	9,580	8,087	4,864
1925	Dry	3,562	2,869	2,906	120	1,633	3,001	2,952	5,369	9,081	10,883	9,310	5,124
1926	Dry	5,296	4,147	3,387	3,106	1,710	3,766	3,705	6,354	10,841	11,821	8,331	4,684
1927	Wet	4,257	2,801	3,499	3,871	24,039	3,146	9,428	8,633	10,971	11,585	9,453	14,434
1928	Above Normal	4,666	3,200	3,647	3,737	2,292	10,471	3,232	6,839	12,548	14,420	9,152	8,583
1929	Critical	5,091	5,099	3,035	0	3,115	3,212	5,997	7,063	8,843	10,114	10,858	4,194
1930	Dry	4,803	4,162	2,434	2,991	2,581	2,839	4,561	5,294	8,989	9,465	6,762	3,277
1931	Critical	3,887	3,474	3,251	3,023	3,069	3,017	9,180	7,284	8,708	10,330	7,739	3,144
1932	Dry	3,282	2,836	3,373	2,070	3,382	3,108	5,343	4,378	6,136	7,235	6,272	4,137
1933	Critical	4,134	3,486	3,238	3,373	3,251	3,253	5,045	5,210	6,969	6,822	11,871	5,824
1934	Critical	3,669	3,088	3,286	3,044	3,038	3,175	5,319	6,072	8,023	9,642	5,152	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,026	9,585	9,511	8,992	4,518
1936	Below Normal	4,291	3,968	3,491	2,091	2,816	4,046	4,418	5,933	8,315	11,336	8,095	3,658
1937	Below Normal	4,761	4,375	3,251	3,251	3,252	3,252	2,779	4,700	8,483	9,751	8,185	4,202
1938	Wet	3,627	3,831	16,725	4,241	28,181	32,392	10,694	7,578	9,780	11,693	9,423	10,341
1939	Dry	4,438	6,634	2,736	3,251	3,900	3,137	6,686	7,484	10,439	11,789	8,194	3,770
1940	Above Normal	4,700	4,779	3,334	2,176	26,007	19,297	3,947	6,634	11,024	13,086	9,431	5,247
1941	Wet	4,969	4,891	4,497	22,828	20,463	11,263	11,900	10,937	9,708	9,640	11,329	12,333
1942	Wet	5,437	8,426	9,975	17,061	25,435	4,393	3,700	10,007	9,023	10,449	10,319	12,242
1943	Wet	5,370	9,199	2,984	7,749	7,464	11,264	5,051	7,691	10,394	13,234	9,353	12,084
1944	Dry	4,785	8,326	3,950	3,813	2,773	1,957	6,133	5,264	7,425	9,965	7,472	3,212
1945	Below Normal	4,517	3,951	3,439	2,975	3,608	4,288	4,955	5,733	9,121	11,398	8,510	4,153
1946	Below Normal	5,960	4,544	21,222	6,831	4,260	4,420	6,955	7,884	10,839	11,910	8,944	4,463
1947	Dry	5,237	4,038	3,048	3,733	3,029	2,971	5,758	9,112	9,234	12,589	8,161	5,592
1948	Below Normal	3,865	3,715	3,765	2,771	3,062	3,066	3,612	8,883	9,081	12,659	9,309	5,878
1949	Dry	6,496	4,538	4,001	3,630	4,026	6,333	5,095	6,723	10,636	11,331	8,730	5,083
1950	Below Normal	5,541	4,444	4,078	3,715	3,978	4,394	3,771	6,458	8,856	9,217	7,544	3,180
1951	Above Normal	5,661	8,426	14,336	6,924	14,556	3,724	6,396	5,472	11,565	13,536	8,910	5,583
1952	Wet	4,408	6,542	9,002	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,733
1953	Wet	6,465	7,875	4,404	26,911	3,673	3,659	4,476	8,738	9,575	11,898	8,888	12,150
1954	Above Normal	3,727	8,952	3,058	9,854	16,981	8,256	9,789	7,431	10,487	13,531	9,621	8,813
1955	Dry	4,769	5,238	4,014	2,819	3,670	3,291	5,650	5,037	9,030	11,688	7,234	2,906
1956	Wet	4,428	3,400	26,403	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,468	11,409
1957	Above Normal	5,364	10,670	4,046	3,844	3,371	6,830	5,638	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,883	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,478
1959	Below Normal	6,380	9,613	4,223	4,237	12,726	2,537	6,993	8,187	12,189	12,971	9,490	1,970
1960	Dry	5,587	4,593	4,225	3,246	2,546	3,131	6,607	4,884	13,067	13,074	7,341	4,806
1961	Dry	4,735	3,838	4,655	3,071	9,119	5,610	6,287	7,313	11,104	13,544	9,786	4,850
1962	Below Normal	5,715	5,352	3,605	3,587	13,019	2,754	6,138	7,725	10,322	12,252	8,402	3,800
1963	Wet	7,242	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,802	12,060
1964	Dry	2,885	4,149	3,993	3,494	2,205	3,227	8,827	7,071	8,851	11,672	6,638	3,331
1965	Wet	3,577	3,471	17,697	19,879	4,223	4,503	6,116	6,974	10,258	11,207	7,770	11,025
1966	Below Normal	5,710	6,863	3,599	3,815	3,714	10,048	6,253	8,170	13,165	13,585	8,357	4,962
1967	Wet	5,752	3,439	9,302	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,546	10,468
1968	Below Normal	4,967	6,733	3,631	3,796	12,800	2,707	6,725	7,281	11,333	12,764	7,209	3,892
1969	Wet	4,203	3,416	3,063	21,775	19,852	5,140	11,360	10,987	10,203	10,534	9,290	10,284
1970	Wet	3,551	7,002	11,442	48,536	12,335	3,481	7,062	7,361	9,584	12,955	8,169	11,099
1971	Wet	5,806	4,464	4,807	13,470	3,970	16,508	5,390	8,533	9,420	12,338	8,117	10,003
1972	Below Normal	5,725	8,501	3,637	3,420	2,944	8,854	7,433	6,972	12,542	14,954	7,260	3,231
1973	Above Normal	4,347	4,055	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,699
1974	Wet	3,074	25,269	18,915	34,416	4,622	33,288	5,235	6,237	9,998	8,107	11,429	9,923
1975	Wet	6,039	10,916	2,990	3,106	3,572	24,494	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,793	2,990	708	4,888	3,981	5,323	6,966	9,419	10,296	3,868	1,855
1977	Critical	6,688	5,033	4,445	4,006	6,262	4,277	9,890	5,789	13,041	11,976	5,433	3,811
1978	Above Normal	3,790	3,393	3,252	76	7,461	12,939	5,817	8,913	11,521	11,045	8,875	4,172
1979	Below Normal	6,003	5,754	4,179	4,461	3,398	2,765	3,254	5,360	10,616	11,588	6,332	3,159
1980	Above Normal	4,169	4,706	3,700	17,546	28,377	3,796	4,481	6,838	10,769	10,630	7,836	3,321
1981	Dry	4,370	7,703	3,730	3,212	2,578	2,604	3,568	8,184	14,298	12,709	7,282	3,371
1982	Wet	3,483	7,142	21,138	6,380	22,607	10,942	24,091	4,238	8,355	9,286	8,989	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,612	10,883	13,571	6,351	13,581
1985	Dry	3,105	3,969	5,392	3,242	3,119	3,252	5,922	9,027	10,644	10,268	7,797	4,074
1986	Wet	4,653	5,277	3,529	3,086	39,959	18,882	2,374	7,449	11,036	10,547	8,280	3,483
1987	Dry	3,502	6,478	3,822	3,075	2,838	2,765	7,234	9,133	13,822	11,899	5,964	3,807
1988	Critical	5,573	4,211	2,869	3,617	5,504	3,507	4,888	6,283	11,266	11,663	10,153	3,967
1989	Dry	5,210	2,814	3,446	1,495	3,249	1,953	3,255	9,124	9,258	11,944	7,444	2,273
1990	Critical	2,799	3,334	3,393	2,945	3,178	3,253	7,064	5,001	8,699	12,550	8,810	3,184
1991	Critical	4,066	3,486	3,251	3,251	3,252	2,971	3,254	6,149	8,055	9,431	5,727	3,516
1992	Critical	4,915	5,413	3,251	3,251	2,035	2,337	3,255	9,802	12,785	9,862	10,203	3,276
1993	Above Normal	6,552	3,633	2,984	2,465	2,108	2,238	4,285	6,744	9,615	12,986	7,617	8,940
1994	Critical	5,441	7,324	4,428	3,051	2,909	3,253	7,161	5,773	10,288	12,773	8,093	2,887
1995	Wet	4,756	3,923	3,225	10,392	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	8,319	2,141	3,050	31,708	8,782	4,171	10,888	9,613	10,817	8,095	10,719
1997	Wet	6,873	8,411	23,207	32,560	4,019	4,479	6,496	9,264	10,219	12,280	6,531	11,739
1998	Wet	6,575	7,779	3,008	9,064	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,106	11,924	8,405	10,668
2000	Above Normal	5,677	11,345	3,850	2,178	31,647	6,438	2,878	7,748	11,418	13,556	9,192	7,092
2001	Dry	5,817	8,672	4,178	2,932	2,262	2,292	5,356	8,884	13,286	11,530	5,834	3,638
2002	Dry	5,486	3,420	2,679	8,192	2,981	3,083	6,610	8,527	11,434	10,849	7,417	4,102
2003	Above Normal	6,030	4,739	8,733	13,692	4,151	3,122	8,379	12,870	10,354	14,297	6,804	6,575

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,845	12,618	11,809	10,068	7,610
1923	Below Normal	4,955	6,818	3,282	3,085	2,972	3,231	2,755	9,929	10,116	10,818	8,208	3,432
1924	Critical	4,492	4,467	4,180	1,818	2,922	4,123	7,652	7,674	9,984	9,583	8,085	4,877
1925	Dry	3,571	2,869	2,906	108	1,633	3,001	2,952	5,372	9,083	10,884	9,312	5,127
1926	Dry	5,299	4,149	3,387	3,106	1,710	3,766	3,705	6,356	10,829	11,822	8,323	4,682
1927	Wet	4,259	2,801	3,499	3,871	24,021	3,146	9,428	8,633	10,972	11,585	9,455	14,436
1928	Above Normal	4,668	3,199	3,647	3,737	2,292	10,465	3,232	6,840	12,548	14,423	9,153	8,583
1929	Critical	5,093	5,099	3,034	0	3,115	3,212	5,998	7,064	8,844	10,115	10,858	4,195
1930	Dry	4,804	4,164	2,438	2,991	2,581	2,839	4,562	5,295	8,990	9,462	6,758	3,279
1931	Critical	3,888	3,476	3,251	3,023	3,069	3,017	9,180	7,285	8,712	10,332	7,714	3,144
1932	Dry	3,282	2,836	3,373	2,102	3,382	3,108	5,347	4,380	6,097	7,235	6,324	4,137
1933	Critical	4,145	3,489	3,238	3,373	3,251	3,253	5,076	5,223	6,979	6,830	11,879	5,834
1934	Critical	3,622	3,019	3,323	3,052	3,038	3,175	5,324	6,077	8,034	9,648	5,059	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,031	9,590	9,514	8,996	4,523
1936	Below Normal	4,295	3,974	3,491	2,091	2,816	4,046	4,418	5,937	8,319	11,337	8,098	3,662
1937	Below Normal	4,765	4,380	3,251	3,251	3,252	3,252	2,779	4,703	8,486	9,746	8,187	4,206
1938	Wet	3,627	3,769	16,725	4,241	28,181	32,392	10,694	7,578	9,783	11,697	9,425	10,342
1939	Dry	4,429	6,647	2,933	3,251	3,891	3,137	7,589	7,237	9,941	11,789	8,153	3,442
1940	Above Normal	4,499	4,804	3,334	2,176	26,220	19,297	3,947	6,650	11,049	13,086	9,452	4,376
1941	Wet	4,979	5,134	5,030	22,828	20,463	11,263	11,900	10,937	9,710	9,638	11,329	12,333
1942	Wet	5,504	8,665	9,678	17,061	25,435	4,393	3,700	10,007	9,025	10,451	10,316	12,244
1943	Wet	5,371	9,177	2,984	7,768	7,464	11,264	5,051	7,691	10,388	13,051	9,347	12,201
1944	Dry	4,791	8,222	3,950	3,813	2,773	2,006	6,137	5,269	7,433	9,953	7,512	3,246
1945	Below Normal	4,520	3,951	3,439	2,975	3,608	4,288	4,955	5,730	9,117	11,387	8,505	4,152
1946	Below Normal	5,948	4,619	21,222	6,831	4,260	4,420	6,958	7,887	10,842	11,833	8,899	4,468
1947	Dry	5,283	4,046	3,048	3,735	3,029	2,971	5,762	9,116	9,252	12,592	8,243	5,555
1948	Below Normal	3,863	3,715	3,765	2,771	3,062	3,066	3,613	8,884	9,058	12,656	9,311	5,880
1949	Dry	6,496	4,540	4,001	3,630	4,026	6,331	5,096	6,724	10,637	11,331	8,728	5,100
1950	Below Normal	5,542	4,446	4,080	3,715	3,978	4,394	3,772	6,459	8,857	9,217	7,545	3,181
1951	Above Normal	5,654	8,405	14,336	6,924	14,556	3,705	6,402	5,473	11,567	13,536	8,912	5,585
1952	Wet	4,409	6,544	9,005	7,751	16,976	10,309	17,152	8,894	7,834	9,554	10,720	8,723
1953	Wet	6,469	9,401	2,980	26,866	3,673	3,659	4,470	8,744	9,575	11,903	8,883	12,150
1954	Above Normal	3,676	8,888	3,058	9,968	16,981	8,256	9,789	7,431	10,486	13,531	9,625	8,816
1955	Dry	4,793	5,264	4,014	2,764	3,698	3,291	5,649	5,036	9,030	11,684	7,201	2,903
1956	Wet	4,487	3,402	26,358	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,467	11,410
1957	Above Normal	5,364	10,670	4,047	3,844	3,371	6,827	5,639	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,882	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,446
1959	Below Normal	6,411	10,794	4,223	3,096	12,726	2,537	7,000	8,196	12,194	12,971	9,491	1,972
1960	Dry	5,610	4,571	4,224	3,246	2,546	3,131	6,603	4,884	13,067	13,072	7,335	4,896
1961	Dry	4,727	3,838	4,566	3,071	9,119	5,610	6,287	7,312	11,104	13,544	9,768	4,847
1962	Below Normal	5,737	5,371	3,605	3,600	12,987	2,754	6,139	7,725	10,323	12,255	8,402	3,801
1963	Wet	7,236	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,803	12,060
1964	Dry	2,886	4,143	3,993	3,496	2,205	3,227	8,828	7,073	8,852	11,672	6,639	3,332
1965	Wet	3,577	3,471	17,692	19,879	4,223	4,503	6,116	6,960	10,240	11,206	7,758	11,019
1966	Below Normal	5,710	6,801	3,599	3,815	3,714	10,158	6,253	8,172	13,167	13,585	8,363	4,959
1967	Wet	5,752	3,439	9,295	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,545	10,650
1968	Below Normal	4,970	8,166	3,681	3,796	11,077	2,707	6,731	7,283	11,335	12,764	7,210	3,893
1969	Wet	4,203	3,416	3,063	21,764	19,852	5,140	11,360	10,987	10,204	10,535	9,290	10,281
1970	Wet	3,620	6,935	11,438	48,536	12,335	3,481	7,063	7,362	9,585	12,955	8,169	11,204
1971	Wet	5,784	4,434	4,754	13,470	3,970	16,508	5,390	8,533	9,420	12,330	8,116	10,005
1972	Below Normal	5,726	8,508	3,637	3,420	2,944	8,853	7,433	6,973	12,543	14,954	7,260	3,233
1973	Above Normal	4,348	4,050	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,238	5,981
1974	Wet	3,084	24,977	18,915	34,416	4,622	33,288	5,235	6,237	9,999	8,107	11,429	9,923
1975	Wet	6,038	10,825	2,990	3,106	3,572	24,582	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,818	2,992	708	4,888	3,981	5,323	6,966	9,391	10,285	3,880	1,854
1977	Critical	6,701	5,036	4,446	4,011	6,273	4,277	9,891	5,796	13,049	11,973	5,390	3,809
1978	Above Normal	3,792	3,396	3,252	76	7,458	12,939	5,817	8,913	11,522	11,046	8,876	4,204
1979	Below Normal	6,038	7,937	4,175	4,361	3,298	2,865	3,254	5,126	10,503	10,910	6,208	3,157
1980	Above Normal	4,226	3,748	3,669	17,546	28,377	3,796	4,487	6,843	10,773	10,635	7,840	4,140
1981	Dry	4,420	7,259	3,730	3,212	2,578	2,604	3,567	8,171	14,298	12,837	7,141	3,470
1982	Wet	3,483	6,635	21,138	6,380	22,607	10,942	24,091	4,240	8,356	9,287	8,986	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,422	7,613	10,884	13,571	6,352	13,582
1985	Dry	3,106	3,964	5,392	3,242	3,119	3,252	5,923	9,028	10,644	10,269	7,798	4,075
1986	Wet	4,654	5,278	3,529	3,086	39,952	18,882	2,375	7,450	11,037	10,548	8,281	3,483
1987	Dry	3,502	6,598	3,822	3,075	2,838	2,765	7,233	9,128	13,822	11,899	6,107	3,772
1988	Critical	5,496	4,211	2,869	3,617	5,481	3,514	4,897	6,284	11,288	11,662	10,152	3,968
1989	Dry	5,217	2,814	3,446	1,462	3,249	1,953	3,255	9,117	9,248	11,939	7,442	2,273
1990	Critical	2,799	3,336	3,393	2,945	3,178	3,253	7,065	5,002	8,700	12,552	7,958	4,199
1991	Critical	4,130	3,460	3,251	3,251	3,252	2,971	3,254	6,154	8,061	9,448	5,730	3,515
1992	Critical	4,917	5,417	3,251	3,251	2,035	2,337	3,255	9,817	13,264	9,331	10,272	3,241
1993	Above Normal	6,545	3,356	2,984	2,465	2,108	2,338	4,285	6,644	9,615	12,977	7,610	8,935
1994	Critical	5,463	7,301	4,461	3,051	2,909	3,253	7,162	5,796	10,333	12,773	8,082	2,892
1995	Wet	4,771	3,927	3,225	10,303	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	10,237	2,141	3,050	29,729	8,782	4,171	10,888	9,617	10,818	8,098	10,719
1997	Wet	6,735	8,409	23,339	32,560	4,019	4,479	6,498	9,265	10,220	12,230	6,531	11,746
1998	Wet	6,589	7,785	3,008	9,083	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,107	11,919	8,406	10,672
2000	Above Normal	5,685	11,354	3,857	2,178	31,623	6,438	2,878	7,748	11,419	13,556	9,193	7,093
2001	Dry	5,815	8,674	4,202	2,932	2,262	2,292	5,358	8,883	13,282	11,526	5,826	3,639
2002	Dry	5,480	3,420	2,679	8,189	2,981	3,083	6,611	8,528	11,435	10,848	7,418	4,140
2003	Above Normal	6,044	4,740	8,678	13,692	4,151	3,122	8,379	12,870	10,355	14,303	6,805	6,571

Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	1	0	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	0	0	0	0	0	-3	-4	-3	-4	0
1924	Critical	0	0	0	4	0	0	0	9	7	3	-2	13
1925	Dry	9	0	0	-12	0	0	0	2	2	1	2	2
1926	Dry	2	2	0	0	0	0	0	1	-12	1	-9	-2
1927	Wet	2	0	0	0	-17	0	0	0	2	1	2	2
1928	Above Normal	2	-1	0	0	0	-6	0	1	0	2	0	0
1929	Critical	1	-1	-1	0	0	0	1	1	1	1	1	1
1930	Dry	2	3	4	0	0	0	1	1	1	-4	-4	1
1931	Critical	1	2	0	0	0	0	1	1	4	1	-25	0
1932	Dry	0	0	0	32	0	0	4	2	-39	0	52	0
1933	Critical	11	3	0	0	0	0	31	13	10	7	8	10
1934	Critical	-47	-69	37	8	0	0	5	5	11	5	-93	0
1935	Below Normal	0	0	0	0	0	0	0	5	5	3	5	5
1936	Below Normal	5	5	0	0	0	0	0	4	4	1	3	4
1937	Below Normal	4	5	0	0	0	0	0	3	3	-5	2	3
1938	Wet	0	-62	0	0	0	0	0	0	3	3	3	0
1939	Dry	-9	13	197	0	-8	0	903	-247	-498	0	-41	-328
1940	Above Normal	-201	25	0	0	213	0	0	15	25	0	21	-871
1941	Wet	10	244	533	0	0	0	0	0	2	-2	0	0
1942	Wet	67	239	-297	0	0	0	0	0	2	2	-4	1
1943	Wet	1	-22	0	19	0	0	0	0	-6	-183	-5	117
1944	Dry	6	-104	0	0	0	49	4	5	8	-12	40	35
1945	Below Normal	3	0	0	0	0	0	1	-2	-4	-11	-4	-1
1946	Below Normal	-12	75	0	0	0	0	3	3	3	-77	-45	4
1947	Dry	46	8	0	2	0	0	3	4	18	3	82	-37
1948	Below Normal	-2	0	0	0	0	0	1	1	-23	-3	1	2
1949	Dry	0	2	0	0	0	-2	1	1	1	0	-3	17
1950	Below Normal	2	2	2	0	0	0	1	1	1	0	1	1
1951	Above Normal	-6	-21	0	0	0	-19	6	1	2	0	1	3
1952	Wet	1	1	3	0	0	0	0	0	1	-1	0	-10
1953	Wet	4	1,526	-1,424	-45	0	0	-6	6	0	5	-5	0
1954	Above Normal	-51	-65	0	114	0	0	0	0	-1	0	4	3
1955	Dry	24	26	0	-55	28	0	-1	-2	0	-4	-33	-2
1956	Wet	59	3	-45	0	0	0	0	0	0	0	-1	1
1957	Above Normal	0	1	1	0	0	-3	0	0	0	0	0	0
1958	Wet	-1	0	0	0	0	0	0	0	0	0	0	-32
1959	Below Normal	31	1,181	0	-1,141	0	0	7	8	5	0	2	2
1960	Dry	23	-21	-1	0	0	0	-4	-1	0	-2	-6	90
1961	Dry	-8	0	-90	0	0	0	0	-1	-1	0	-19	-3
1962	Below Normal	21	19	0	12	-32	0	1	1	1	3	1	1
1963	Wet	-6	0	0	0	0	0	0	0	1	0	1	0
1964	Dry	1	-7	0	2	0	0	1	1	1	1	1	1
1965	Wet	0	0	-5	0	0	0	0	-14	-18	-2	-12	-6
1966	Below Normal	1	-62	0	0	0	110	0	3	2	0	7	-3
1967	Wet	-1	0	-8	0	0	0	0	0	0	1	0	182
1968	Below Normal	4	1,433	50	0	-1,723	0	6	2	2	0	1	1
1969	Wet	1	0	0	-11	0	0	0	0	1	1	1	-2
1970	Wet	68	-66	-4	0	0	0	1	1	1	0	1	105
1971	Wet	-22	-29	-53	0	0	0	0	0	0	-8	-1	2
1972	Below Normal	0	7	0	0	0	0	1	1	0	0	0	2
1973	Above Normal	0	-4	0	0	0	0	0	0	0	0	0	282
1974	Wet	10	-292	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-91	0	0	0	88	0	0	0	0	0	0
1976	Critical	0	25	3	0	1	0	0	0	-28	-12	11	0
1977	Critical	13	2	1	6	11	0	1	8	8	-3	-44	-2
1978	Above Normal	2	3	0	0	-3	0	0	0	1	1	1	33
1979	Below Normal	35	2,183	-4	-100	-100	100	0	-235	-113	-677	-124	-2
1980	Above Normal	57	-958	-32	0	0	0	6	6	5	4	4	819
1981	Dry	50	-444	0	0	0	0	-1	-13	0	128	-141	99
1982	Wet	0	-507	0	0	0	0	0	1	1	1	-4	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	1	1	1	0	1	1
1985	Dry	1	-6	0	0	0	0	1	1	0	1	1	1
1986	Wet	1	1	0	0	-7	0	1	1	1	1	1	0
1987	Dry	1	120	0	0	0	0	-1	-6	0	0	143	-35
1988	Critical	-77	0	0	0	-23	7	10	1	22	-1	-1	1
1989	Dry	7	0	0	-32	0	0	0	-7	-10	-5	-1	0
1990	Critical	0	2	0	0	0	0	1	1	1	2	-852	1,015
1991	Critical	64	-26	0	0	0	0	0	5	6	17	4	0
1992	Critical	2	4	0	0	0	0	0	15	479	-531	69	-36
1993	Above Normal	-7	-277	0	0	0	100	0	-100	0	-10	-8	-5
1994	Critical	22	-23	33	0	0	0	1	23	45	0	-11	5
1995	Wet	15	4	0	-89	0	0	0	0	0	0	0	0
1996	Wet	0	1,919	0	0	-1,979	0	0	0	3	2	2	0
1997	Wet	-138	-2	132	0	0	0	1	2	2	-50	-1	6
1998	Wet	15	6	0	20	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	1	-5	1	3
2000	Above Normal	8	9	7	0	-25	0	0	0	1	0	1	0
2001	Dry	-3	2	24	0	0	0	2	-1	-5	-3	-8	1
2002	Dry	-7	0	0	-4	0	0	1	1	1	0	1	38
2003	Above Normal	14	1	-55	0	0	0	0	0	1	5	1	-4

Percent Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	2%	0%	0%	0%	0%	-1%	0%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1934	Critical	-1%	-2%	1%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	7%	0%	0%	0%	14%	-3%	-5%	0%	0%	-9%
1940	Above Normal	-4%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-17%
1941	Wet	0%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	2%	0%	0%	0%	0%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	19%	-32%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	12%	0%	-27%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1968	Below Normal	0%	21%	1%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	1%	38%	0%	-2%	-3%	4%	0%	-4%	-1%	-6%	-2%	0%
1980	Above Normal	1%	-20%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	25%
1981	Dry	1%	-6%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	3%
1982	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1988	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	32%
1991	Critical	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	4%	-5%	1%	-1%
1993	Above Normal	0%	-8%	0%	0%	0%	4%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	23%	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,540	2,741	3,100	3,238	3,212	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,745	1,798	1,978	1,984	1,935	1,829	1,668	1,240	1,152	1,116
1925	Dry	1,122	1,167	1,233	1,331	1,946	2,213	2,511	2,653	2,504	1,926	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,334	1,716	1,404	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,075	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,335	1,473	1,453	1,441	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,399	2,741	2,891	2,622	2,018	1,663	1,363
1931	Critical	1,309	1,335	1,361	1,494	1,620	1,823	1,725	1,668	1,536	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,263	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,309	1,410	1,497	1,464	1,535	1,594	1,527	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,641	1,639	1,528	1,343	1,210	1,095	1,055
1935	Below Normal	998	1,047	1,110	1,303	1,497	1,768	2,783	3,267	3,247	2,644	2,136	1,802
1936	Below Normal	1,647	1,560	1,519	2,031	2,788	2,954	3,354	3,538	3,538	2,956	2,459	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,768	2,118	2,503	2,845	2,502	1,937	1,440	1,336
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,433	2,530	2,612	2,804	2,755	2,618	2,414	1,787	1,409	1,244
1940	Above Normal	1,199	1,181	1,206	1,672	2,661	2,788	3,238	3,414	3,275	2,659	2,154	1,696
1941	Wet	1,577	1,551	2,063	2,634	2,788	2,918	3,334	3,538	3,538	3,120	2,972	2,411
1942	Wet	2,322	2,363	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,306	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,963	2,497	1,928
1944	Dry	1,801	1,781	1,553	1,624	1,761	1,976	2,106	2,334	2,145	1,551	1,241	1,163
1945	Below Normal	1,114	1,190	1,318	1,480	2,083	2,374	2,619	2,881	2,868	2,296	1,819	1,510
1946	Below Normal	1,405	1,493	2,139	2,541	2,745	3,038	3,364	3,538	3,408	2,824	2,329	2,035
1947	Dry	1,856	1,923	2,013	2,079	2,354	2,682	2,838	2,733	2,559	1,945	1,611	1,250
1948	Below Normal	1,248	1,251	1,252	1,520	1,613	1,809	2,468	2,935	3,099	2,566	2,069	1,889
1949	Dry	1,798	1,783	1,798	1,851	1,932	2,219	2,498	2,678	2,453	1,858	1,583	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,999
1951	Above Normal	2,025	2,594	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,841
1952	Wet	1,745	1,754	2,231	2,675	2,832	2,988	3,452	3,538	3,538	3,538	3,526	3,013
1953	Wet	2,887	2,907	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,706	2,181
1954	Above Normal	2,074	2,159	2,210	2,388	2,756	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,630	1,655	1,748	1,876	1,963	2,101	2,174	2,354	2,245	1,678	1,381	1,305
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,160	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,629	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,375	3,304	2,786
1959	Below Normal	2,657	2,678	2,504	2,829	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,524
1960	Dry	1,408	1,339	1,351	1,478	2,075	2,639	2,801	2,881	2,654	2,063	1,636	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,945	2,289	2,793	2,868	2,837	2,228	1,735	1,377
1963	Wet	2,051	2,178	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,436	2,529	2,635	2,544	1,956	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,723	2,177
1966	Below Normal	2,091	2,207	2,328	2,509	2,599	2,827	3,134	3,217	2,949	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,473	2,916
1968	Below Normal	2,803	2,818	2,764	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,637	1,698	1,921	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,199	2,678
1970	Wet	2,638	2,716	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,575
1971	Wet	1,452	1,656	2,040	2,381	2,649	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,812	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,672	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,968	1,677	1,359
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,536	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,875	2,079	2,394	2,762	2,988	3,273	2,961	2,399	1,993	1,714
1980	Above Normal	1,681	1,738	1,861	2,813	2,788	3,028	3,295	3,493	3,466	3,108	2,900	2,464
1981	Dry	2,301	2,274	2,319	2,466	2,706	2,980	3,145	3,132	2,824	2,186	1,796	1,571
1982	Wet	1,629	2,560	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,029	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,608	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,591	1,914	1,936	1,749	1,422	1,222	1,069	1,002
1988	Critical	1,043	1,155	1,451	1,701	1,743	1,829	1,865	1,840	1,653	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,832	1,603
1990	Critical	1,598	1,616	1,470	1,611	1,695	1,959	1,935	1,957	1,872	1,294	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,310	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,433	1,241	1,102	973
1993	Above Normal	1,017	1,051	1,215	1,755	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,063
1994	Critical	1,962	1,978	2,056	2,095	2,205	2,397	2,368	2,337	2,143	1,582	1,300	1,228
1995	Wet	1,199	1,234	1,337	2,606	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,252
1996	Wet	3,119	3,134	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,201	2,610	2,368	1,809
1998	Wet	1,692	1,762	1,961	2,700	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,325	2,700	2,237	1,804
2001	Dry	1,711	1,707	1,493	1,558	1,657	1,867	1,934	1,863	1,578	1,241	1,130	1,039
2002	Dry	1,014	1,092	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,474	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,539	2,740	3,099	3,237	3,211	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,746	1,799	1,979	1,984	1,935	1,830	1,669	1,240	1,153	1,116
1925	Dry	1,123	1,168	1,233	1,331	1,946	2,214	2,512	2,654	2,505	1,927	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,334	1,715	1,403	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,074	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,335	1,473	1,453	1,440	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,398	2,741	2,890	2,622	2,018	1,662	1,363
1931	Critical	1,308	1,335	1,361	1,494	1,619	1,822	1,725	1,668	1,535	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,262	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,308	1,409	1,496	1,464	1,534	1,593	1,526	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,640	1,639	1,552	1,367	1,234	1,118	1,078
1935	Below Normal	1,019	1,067	1,131	1,323	1,517	1,788	2,803	3,288	3,268	2,664	2,156	1,822
1936	Below Normal	1,678	1,591	1,551	2,063	2,788	2,954	3,354	3,538	3,538	2,956	2,458	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,768	2,118	2,502	2,844	2,497	1,933	1,435	1,331
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,434	2,530	2,613	2,806	2,719	2,584	2,380	1,755	1,376	1,244
1940	Above Normal	1,200	1,183	1,208	1,674	2,663	2,788	3,238	3,414	3,275	2,659	2,154	1,695
1941	Wet	1,576	1,550	2,062	2,633	2,788	2,918	3,334	3,538	3,538	3,119	2,971	2,411
1942	Wet	2,322	2,362	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,305	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,953	2,487	1,918
1944	Dry	1,791	1,771	1,543	1,615	1,751	1,967	2,096	2,325	2,142	1,549	1,241	1,157
1945	Below Normal	1,108	1,184	1,312	1,473	2,076	2,368	2,613	2,875	2,862	2,290	1,813	1,504
1946	Below Normal	1,398	1,486	2,133	2,534	2,739	3,031	3,357	3,538	3,397	2,815	2,317	2,023
1947	Dry	1,850	1,917	2,007	2,073	2,348	2,676	2,832	2,727	2,553	1,939	1,607	1,245
1948	Below Normal	1,248	1,251	1,252	1,520	1,612	1,808	2,467	2,934	3,097	2,565	2,067	1,888
1949	Dry	1,796	1,781	1,797	1,850	1,931	2,217	2,496	2,676	2,452	1,857	1,581	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,998
1951	Above Normal	2,025	2,593	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,839
1952	Wet	1,743	1,751	2,229	2,673	2,832	2,988	3,452	3,538	3,538	3,538	3,527	3,015
1953	Wet	2,890	2,911	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,704	2,178
1954	Above Normal	2,070	2,155	2,187	2,366	2,733	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,634	1,659	1,752	1,880	1,967	2,105	2,178	2,358	2,249	1,681	1,381	1,289
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,159	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,628	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,374	3,304	2,787
1959	Below Normal	2,658	2,679	2,502	2,827	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,518
1960	Dry	1,401	1,333	1,345	1,471	2,068	2,632	2,794	2,874	2,648	2,056	1,629	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,946	2,289	2,793	2,868	2,838	2,228	1,735	1,378
1963	Wet	2,051	2,179	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,435	2,529	2,635	2,544	1,955	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,724	2,178
1966	Below Normal	2,092	2,207	2,329	2,509	2,599	2,827	3,134	3,217	2,950	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,472	2,913
1968	Below Normal	2,800	2,816	2,756	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,636	1,697	1,920	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,203	2,681
1970	Wet	2,641	2,719	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,016	1,562
1971	Wet	1,439	1,643	2,027	2,368	2,636	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,226	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,811	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,673	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,967	1,676	1,358
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,537	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,970	2,174	2,489	2,857	3,083	3,369	3,058	2,497	2,091	1,813
1980	Above Normal	1,792	1,850	1,973	2,813	2,788	3,028	3,296	3,494	3,467	3,112	2,906	2,538
1981	Dry	2,376	2,351	2,397	2,544	2,784	3,024	3,190	3,176	2,868	2,234	1,827	1,600
1982	Wet	1,653	2,584	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,028	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,607	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,590	1,914	1,936	1,749	1,419	1,219	1,066	999
1988	Critical	1,040	1,151	1,448	1,698	1,740	1,826	1,861	1,837	1,649	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,837	1,615
1990	Critical	1,610	1,627	1,481	1,622	1,706	1,970	1,946	1,968	1,883	1,305	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,309	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,464	1,241	1,103	974
1993	Above Normal	1,018	1,052	1,215	1,756	2,266	2,964	3,456	3,538	3,538	3,003	2,550	2,064
1994	Critical	1,963	1,978	2,053	2,092	2,201	2,393	2,365	2,334	2,140	1,579	1,297	1,226
1995	Wet	1,197	1,232	1,335	2,604	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,251
1996	Wet	3,119	3,133	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,210	2,616	2,374	1,815
1998	Wet	1,698	1,768	1,967	2,706	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,326	2,700	2,237	1,803
2001	Dry	1,711	1,707	1,498	1,564	1,663	1,873	1,940	1,868	1,583	1,241	1,130	1,039
2002	Dry	1,014	1,091	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,477	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	1
1924	Critical	1	1	1	1	1	1	0	1	1	0	1	1
1925	Dry	1	1	1	1	1	1	1	1	1	1	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	-1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0
1934	Critical	0	0	0	0	0	0	-1	24	24	24	23	22
1935	Below Normal	21	20	20	20	20	20	20	20	20	20	20	20
1936	Below Normal	31	31	32	32	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	-5	-5	-5	-5
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	1	1	1	-36	-35	-34	-32	-33	0
1940	Above Normal	1	2	2	2	2	0	0	0	0	0	0	-1
1941	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	-10	-10	-10
1944	Dry	-10	-10	-10	-10	-10	-10	-10	-10	-3	-2	0	-6
1945	Below Normal	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
1946	Below Normal	-7	-7	-7	-7	-7	-7	-7	0	-10	-9	-12	-12
1947	Dry	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4	-5
1948	Below Normal	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1
1949	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1952	Wet	-2	-2	-2	-2	0	0	0	0	0	0	1	2
1953	Wet	3	4	0	0	0	0	0	0	0	0	-2	-3
1954	Above Normal	-4	-4	-22	-23	-23	0	0	0	0	0	0	0
1955	Dry	4	4	4	4	4	4	4	4	3	3	1	-15
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1959	Below Normal	1	1	-2	-2	0	0	0	0	0	0	0	-6
1960	Dry	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	0
1961	Dry	0	0	0	0	0	0	0	0	0	1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
1968	Below Normal	-2	-2	-8	0	0	0	0	0	0	0	0	0
1969	Wet	-1	-1	-1	0	0	0	0	0	0	-1	3	3
1970	Wet	3	3	0	0	0	0	0	0	0	0	0	-13
1971	Wet	-13	-13	-13	-13	-13	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	0	95	95	95	95	95	95	97	98	98	98
1980	Above Normal	111	111	112	0	0	0	0	1	2	4	6	74
1981	Dry	76	77	78	78	77	44	44	44	44	47	31	29
1982	Wet	24	24	0	0	0	0	0	0	0	0	0	-1
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	-3	-3	-3	-3
1988	Critical	-3	-3	-3	-3	-3	-3	-3	-3	-3	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	5	12
1990	Critical	11	11	11	11	11	11	11	11	11	11	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1992	Critical	0	0	0	0	0	0	0	0	30	0	1	1
1993	Above Normal	1	1	1	1	1	0	0	0	0	0	1	1
1994	Critical	1	1	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2
1995	Wet	-2	-2	-2	-2	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	9	6	6	6
1998	Wet	6	6	6	6	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	6	6	6	6	6	5	5	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	2	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	2%
1935	Below Normal	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
1936	Below Normal	2%	2%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-2%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-1%
1945	Below Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	5%	5%	4%	3%	3%	3%	3%	4%	5%	6%
1980	Above Normal	7%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1981	Dry	3%	3%	3%	3%	3%	1%	1%	1%	2%	2%	2%	2%
1982	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Oroville Reservoir Release to Feather River (Node C6)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,369	1,613	2,558	3,470	3,733	10,952	9,407	5,047
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,805	4,626	8,233	2,830	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,554	11,053	6,143	6,845
1926	Dry	2,300	1,276	1,766	850	706	1,449	1,510	5,382	8,008	11,660	6,617	3,976
1927	Wet	1,022	1,560	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,288	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,980	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,978	1,659	1,644	1,712	2,169	1,565	4,354	4,800	4,955	3,568	3,065	1,549
1930	Dry	1,243	858	4,434	697	3,795	617	2,226	3,088	7,508	11,426	7,357	6,280
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,319	6,084	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,278	7,166	2,480
1933	Critical	2,408	1,851	850	806	816	4,599	3,603	4,125	5,092	6,324	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,529	887	3,931	4,497	5,189	3,503	3,222	1,690
1935	Below Normal	1,705	841	813	1,398	805	669	1,783	3,427	5,349	11,524	9,902	6,793
1936	Below Normal	3,449	2,530	2,130	1,498	1,799	5,375	2,588	3,334	4,101	11,052	9,659	6,319
1937	Below Normal	4,689	2,649	5,490	1,620	1,524	1,545	2,676	3,614	10,112	10,792	9,733	2,962
1938	Wet	2,375	2,273	1,540	1,513	7,821	19,226	14,276	19,855	11,317	7,059	6,948	11,588
1939	Dry	4,143	2,566	4,873	1,607	1,693	1,587	5,501	5,095	5,652	11,638	7,572	3,886
1940	Above Normal	1,575	1,197	1,137	1,649	1,004	18,870	5,525	3,144	5,913	12,719	10,567	10,129
1941	Wet	3,776	2,495	1,526	1,515	14,683	11,296	4,625	10,666	6,234	10,600	5,281	12,020
1942	Wet	4,146	2,519	5,777	14,192	17,466	2,630	11,198	7,824	9,163	9,200	6,808	11,962
1943	Wet	4,550	2,398	1,529	14,800	7,325	15,925	5,252	3,413	4,833	12,391	10,120	11,950
1944	Dry	4,588	2,735	5,315	2,051	2,017	2,003	3,635	3,641	6,999	11,378	6,787	2,663
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,548	2,972	3,115	4,382	11,412	9,652	6,668
1946	Below Normal	3,342	1,595	1,534	1,524	1,529	1,547	3,243	3,865	5,767	12,098	10,248	6,397
1947	Dry	3,946	1,671	1,531	1,610	1,514	1,538	2,846	4,709	5,708	11,512	7,024	7,332
1948	Below Normal	1,606	1,447	1,357	1,738	1,122	861	1,420	2,625	3,867	11,972	10,168	4,426
1949	Dry	2,473	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,391	6,052	6,857
1950	Below Normal	875	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,448	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,310	9,759
1952	Wet	4,015	2,476	1,535	1,521	10,011	6,936	18,982	22,851	11,669	4,970	3,385	11,192
1953	Wet	4,635	2,550	4,774	20,841	1,520	6,087	6,072	5,485	8,275	12,455	8,150	11,400
1954	Above Normal	4,308	2,473	2,797	2,720	1,522	7,585	7,182	3,408	7,803	12,722	10,116	10,063
1955	Dry	3,683	1,674	1,526	1,540	1,609	1,596	3,524	3,540	5,137	10,918	6,475	2,655
1956	Wet	1,813	1,687	2,173	19,783	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,818	1,594	3,641	3,213	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,665	2,358	1,526	1,509	17,279	11,763	8,509	12,677	9,336	6,922	4,146	11,282
1959	Below Normal	4,706	2,638	6,136	1,460	6,677	2,117	4,228	3,598	6,888	12,375	9,879	5,851
1960	Dry	2,802	2,089	1,148	1,090	967	779	3,948	3,557	6,760	11,425	8,443	7,885
1961	Dry	1,096	1,497	1,582	1,075	962	854	2,977	3,592	5,191	11,323	5,640	1,774
1962	Below Normal	1,432	884	1,392	831	660	587	2,733	5,648	5,381	11,858	9,654	7,341
1963	Wet	1,060	1,019	980	978	15,270	8,109	13,695	5,478	5,944	12,815	9,819	11,346
1964	Dry	3,571	1,625	1,486	1,470	1,494	1,506	4,039	3,314	4,685	11,073	5,854	7,601
1965	Wet	1,904	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,996	7,020	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,462	12,389	10,160	8,176
1967	Wet	3,320	1,587	1,530	1,498	1,517	11,989	2,768	11,876	11,056	4,358	3,915	11,902
1968	Below Normal	4,680	2,444	4,019	1,791	11,573	6,449	3,885	3,639	6,731	12,676	9,396	7,723
1969	Wet	1,947	1,561	1,517	10,266	12,367	6,318	9,203	15,400	6,408	6,389	4,848	11,880
1970	Wet	4,245	2,452	8,959	35,711	10,502	3,980	3,489	3,516	5,132	12,128	9,802	9,808
1971	Wet	4,241	2,614	2,053	2,034	2,017	5,247	6,305	10,580	8,197	11,938	8,963	11,621
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,631	11,629	9,461	7,168
1973	Above Normal	1,693	1,558	1,501	1,498	7,678	5,948	2,899	5,090	6,925	11,338	7,547	8,478
1974	Wet	3,162	1,576	6,850	20,369	5,602	26,162	9,959	8,485	7,265	9,864	3,235	11,261
1975	Wet	4,070	2,397	1,781	1,628	5,595	12,729	2,597	10,973	8,992	10,947	4,172	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,656	3,726	4,096	10,039	5,386	6,806
1977	Critical	2,611	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,307	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,455	6,176	3,614	4,695	10,618	8,787	8,651
1979	Below Normal	4,693	2,450	5,890	1,175	1,063	889	2,473	3,643	8,030	11,377	8,671	6,215
1980	Above Normal	3,111	1,755	1,674	5,045	17,951	5,136	2,882	3,334	3,609	8,168	5,041	9,124
1981	Dry	4,691	2,603	2,900	1,582	1,494	1,486	2,591	3,458	7,289	11,527	7,558	5,641
1982	Wet	1,366	1,067	15,186	8,118	17,776	13,215	20,114	10,722	6,662	6,625	3,901	6,438
1983	Wet	2,902	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,653	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,107	1,248	2,114	1,450	20,968	21,975	2,622	3,539	4,494	11,479	8,745	11,324
1987	Dry	4,752	2,485	5,718	1,650	1,576	1,487	2,791	4,632	6,093	3,577	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,653	4,260	7,513	2,462	2,298
1989	Dry	1,184	1,472	690	658	964	577	2,613	5,210	6,906	10,832	6,859	5,230
1990	Critical	2,577	2,470	4,736	666	662	571	3,740	2,223	3,719	10,503	2,238	2,638
1991	Critical	1,489	685	1,200	872	1,061	1,089	1,678	2,045	4,749	8,887	2,214	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,118	4,202	6,265	4,100	3,382	3,876
1993	Above Normal	1,137	780	738	1,302	668	8,397	4,955	9,632	6,981	12,104	10,093	10,425
1994	Critical	4,324	2,357	2,155	1,067	985	792	3,509	3,042	4,140	10,197	5,634	2,812
1995	Wet	2,127	1,104	1,647	945	7,158	33,839	14,288	20,071	13,364	5,209	4,538	6,539
1996	Wet	4,664	2,456	4,922	12,003	20,967	9,934	7,955	11,925	5,514	11,717	6,573	11,449
1997	Wet	4,176	2,519	13,659	40,731	10,066	5,233	3,511	3,376	4,907	11,436	6,109	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,835	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,149	2,909	3,382	4,233	11,408	5,526	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,770	9,179	2,357	3,695	6,757	12,840	9,846	9,545
2001	Dry	3,941	2,462	6,269	1,585	1,556	1,463	2,773	4,631	6,179	6,847	2,979	2,573
2002	Dry	2,629	1,231	1,654	995	1,077	775	3,309	2,827	4,374	10,778	3,487	5,900
2003	Above Normal	2,325	1,846	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,425	10,266

Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,377	1,613	2,558	3,470	3,733	10,951	9,406	5,033
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,798	4,629	8,245	2,822	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,552	11,053	6,147	6,848
1926	Dry	2,303	1,276	1,766	853	706	1,450	1,510	5,383	8,012	11,660	6,628	3,958
1927	Wet	1,021	1,559	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,289	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,979	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,977	1,660	1,644	1,711	2,170	1,565	4,354	4,801	4,955	3,568	3,066	1,549
1930	Dry	1,243	858	4,434	697	3,796	617	2,226	3,088	7,510	11,426	7,357	6,281
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,321	6,077	3,448	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,278	7,169	2,480
1933	Critical	2,411	1,853	850	806	816	4,599	3,603	4,125	5,095	6,311	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,530	894	3,936	4,096	5,188	3,502	3,241	1,697
1935	Below Normal	1,730	845	814	1,398	805	669	1,783	3,427	5,348	11,526	9,904	6,795
1936	Below Normal	3,272	2,528	2,119	1,498	2,349	5,375	2,588	3,334	4,101	11,053	9,660	6,319
1937	Below Normal	4,689	2,649	5,494	1,620	1,524	1,545	2,676	3,614	10,185	10,793	9,734	2,962
1938	Wet	2,298	2,273	1,540	1,511	7,823	19,226	14,276	19,855	11,317	7,059	6,949	11,588
1939	Dry	4,143	2,566	4,864	1,604	1,688	1,579	6,134	5,076	5,637	11,608	7,597	3,324
1940	Above Normal	1,560	1,186	1,132	1,649	1,004	18,901	5,525	3,144	5,913	12,719	10,572	10,132
1941	Wet	3,779	2,495	1,526	1,515	14,669	11,296	4,625	10,666	6,234	10,552	5,282	12,019
1942	Wet	4,145	2,519	5,774	14,192	17,466	2,630	11,198	7,824	9,163	9,201	6,814	11,962
1943	Wet	4,550	2,398	1,529	14,793	7,325	15,925	5,252	3,412	4,834	12,555	10,117	11,948
1944	Dry	4,586	2,734	5,313	2,051	2,017	2,003	3,636	3,641	6,881	11,369	6,753	2,766
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,547	2,972	3,116	4,381	11,418	9,650	6,667
1946	Below Normal	3,348	1,595	1,534	1,523	1,529	1,547	3,243	3,757	5,943	12,073	10,291	6,399
1947	Dry	3,851	1,670	1,531	1,610	1,514	1,538	2,846	4,711	5,709	11,514	6,995	7,352
1948	Below Normal	1,516	1,447	1,357	1,739	1,145	861	1,420	2,625	3,867	11,972	10,169	4,426
1949	Dry	2,477	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,392	6,046	6,836
1950	Below Normal	874	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,447	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,311	9,795
1952	Wet	4,015	2,476	1,535	1,521	9,972	6,936	18,982	22,851	11,669	4,970	3,372	11,175
1953	Wet	4,613	2,535	4,839	20,841	1,525	6,083	6,072	5,485	8,275	12,461	8,172	11,413
1954	Above Normal	4,324	2,485	3,093	2,722	1,524	7,216	7,182	3,408	7,803	12,724	10,118	10,064
1955	Dry	3,617	1,675	1,526	1,540	1,610	1,596	3,524	3,541	5,138	10,920	6,516	2,926
1956	Wet	1,564	1,688	2,174	19,781	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,819	1,594	3,642	3,212	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,664	2,358	1,526	1,509	17,280	11,763	8,509	12,677	9,336	6,925	4,147	11,269
1959	Below Normal	4,705	2,638	6,176	1,460	6,644	2,117	4,228	3,598	6,891	12,377	9,881	5,953
1960	Dry	2,803	2,090	1,148	1,090	967	779	3,950	3,557	6,760	11,425	8,453	7,762
1961	Dry	1,096	1,497	1,582	1,075	962	855	2,977	3,592	5,191	11,311	5,647	1,774
1962	Below Normal	1,432	884	1,398	825	660	587	2,733	5,649	5,381	11,858	9,655	7,341
1963	Wet	1,060	1,019	980	978	15,275	8,109	13,695	5,478	5,944	12,815	9,819	11,347
1964	Dry	3,572	1,625	1,486	1,470	1,494	1,506	4,040	3,314	4,686	11,074	5,853	7,602
1965	Wet	1,900	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,992	7,021	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,464	12,389	10,161	8,174
1967	Wet	3,321	1,587	1,530	1,498	1,517	11,991	2,768	11,876	11,056	4,358	3,916	11,941
1968	Below Normal	4,680	2,444	4,104	1,666	11,573	6,449	3,885	3,640	6,732	12,676	9,396	7,724
1969	Wet	1,958	1,561	1,517	10,252	12,367	6,318	9,203	15,400	6,408	6,403	4,781	11,880
1970	Wet	4,245	2,452	9,012	35,711	10,502	3,980	3,489	3,516	5,133	12,127	9,801	10,031
1971	Wet	4,239	2,613	2,053	2,035	2,017	5,034	6,305	10,580	8,197	11,938	8,960	11,622
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,632	11,629	9,461	7,169
1973	Above Normal	1,693	1,558	1,501	1,498	7,678	5,948	2,899	5,090	6,925	11,337	7,547	8,479
1974	Wet	3,170	1,576	6,843	20,369	5,602	26,162	9,959	8,485	7,265	9,865	3,235	11,261
1975	Wet	4,070	2,397	1,779	1,628	5,597	12,729	2,597	10,973	8,992	10,947	4,173	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,657	3,727	4,097	10,051	5,386	6,806
1977	Critical	2,599	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,308	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,454	6,176	3,612	4,696	10,619	8,789	8,653
1979	Below Normal	4,688	2,447	4,348	1,175	1,064	886	2,471	3,641	8,005	11,343	8,668	6,211
1980	Above Normal	2,904	1,752	1,672	6,862	17,951	5,136	2,875	3,326	3,597	8,135	5,007	7,972
1981	Dry	4,667	2,586	2,879	1,586	1,502	2,024	2,595	3,464	7,291	11,461	7,819	5,678
1982	Wet	1,443	1,076	15,573	8,118	17,776	13,215	20,114	10,722	6,662	6,628	3,901	6,444
1983	Wet	2,893	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,654	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,534	6,585	11,555	5,903	6,272
1986	Wet	4,105	1,248	2,116	1,450	20,968	21,973	2,622	3,539	4,494	11,479	8,746	11,324
1987	Dry	4,752	2,485	5,722	1,650	1,576	1,487	2,791	4,631	6,144	3,578	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,654	4,260	7,458	2,461	2,299
1989	Dry	1,185	1,472	690	658	964	576	2,613	5,209	6,906	10,833	6,780	5,111
1990	Critical	2,588	2,470	4,739	666	662	571	3,740	2,223	3,720	10,504	2,416	2,640
1991	Critical	1,490	685	1,200	872	1,058	1,091	1,678	2,045	4,748	8,896	2,203	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,117	4,202	5,755	4,593	3,372	3,875
1993	Above Normal	1,136	779	737	1,302	668	8,409	4,955	9,632	6,981	12,100	10,090	10,424
1994	Critical	4,325	2,357	2,219	1,067	985	792	3,509	3,042	4,140	10,183	5,627	2,812
1995	Wet	2,127	1,104	1,647	945	7,122	33,839	14,288	20,071	13,364	5,209	4,538	6,546
1996	Wet	4,664	2,456	4,915	12,003	20,967	9,934	7,955	11,925	5,514	11,654	6,576	11,450
1997	Wet	4,176	2,519	13,656	40,731	10,066	5,233	3,511	3,376	4,749	11,488	6,110	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,946	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,148	2,909	3,382	4,233	11,406	5,525	7,005
2000	Above Normal	4,427	2,412	6,316	1,540	7,773	9,179	2,357	3,695	6,757	12,840	9,847	9,545
2001	Dry	3,941	2,462	6,180	1,585	1,556	1,463	2,773	4,632	6,179	6,936	2,979	2,573
2002	Dry	2,629	1,232	1,654	995	1,077	775	3,309	2,827	4,374	10,779	3,448	5,939
2003	Above Normal	2,326	1,845	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,426	10,267

Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	8	0	0	0	0	-1	-1	-14
1924	Critical	0	0	0	0	0	0	0	-7	3	12	-9	0
1925	Dry	0	0	0	0	0	0	0	0	-2	1	4	3
1926	Dry	3	0	0	2	0	1	0	0	4	0	11	-19
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	-1	0	0	0	0	0	0
1929	Critical	-1	1	0	-1	1	0	0	1	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	2	0	0	1
1931	Critical	0	0	0	0	0	0	0	0	1	-7	2	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	3	0
1933	Critical	3	2	0	0	0	0	0	0	3	-13	0	0
1934	Critical	0	0	0	0	1	7	5	-401	-1	-1	19	7
1935	Below Normal	26	4	2	0	0	0	-1	-1	-1	2	3	2
1936	Below Normal	-177	-2	-11	0	550	0	0	0	0	1	1	0
1937	Below Normal	0	0	4	0	0	0	0	0	73	1	1	0
1938	Wet	-78	0	0	-2	2	0	0	0	0	0	1	0
1939	Dry	0	0	-9	-3	-5	-8	633	-20	-15	-29	24	-562
1940	Above Normal	-15	-11	-4	0	0	31	0	0	0	0	5	3
1941	Wet	4	0	0	0	-14	0	0	0	0	-48	2	-1
1942	Wet	0	0	-4	0	0	0	0	0	0	1	6	0
1943	Wet	0	0	0	-6	0	0	0	0	0	164	-2	-1
1944	Dry	-1	-1	-2	0	0	0	0	0	-118	-9	-34	103
1945	Below Normal	0	0	0	0	0	-1	0	0	-1	7	-1	-1
1946	Below Normal	6	0	0	0	0	0	0	-108	176	-25	43	2
1947	Dry	-95	0	0	0	0	0	0	2	2	2	-29	20
1948	Below Normal	-89	0	0	0	23	0	0	0	0	0	0	0
1949	Dry	4	0	0	0	0	0	0	0	0	0	-6	-21
1950	Below Normal	0	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-1	0	0	0	0	0	1	0	0	37
1952	Wet	0	0	0	0	-39	0	0	0	0	0	-13	-17
1953	Wet	-22	-15	66	0	4	-4	0	0	0	6	23	13
1954	Above Normal	16	11	296	2	1	-369	0	1	0	1	1	1
1955	Dry	-67	1	1	0	1	1	1	1	1	2	41	271
1956	Wet	-249	1	1	-2	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	-1	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	3	0	-13
1959	Below Normal	0	0	40	0	-33	0	0	0	2	2	2	102
1960	Dry	1	1	0	0	0	0	2	0	0	0	9	-123
1961	Dry	0	0	0	0	0	0	0	0	0	-12	6	0
1962	Below Normal	0	0	6	-6	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	5	0	0	0	0	0	0	1
1964	Dry	1	0	0	0	0	0	1	0	0	0	0	1
1965	Wet	-4	0	0	0	0	0	0	0	0	-5	1	0
1966	Below Normal	0	0	0	0	0	0	0	0	1	0	1	-1
1967	Wet	1	0	0	0	0	2	0	0	0	0	1	39
1968	Below Normal	0	0	85	-125	0	0	0	0	1	0	1	0
1969	Wet	11	0	0	-14	0	0	0	0	0	14	-68	0
1970	Wet	0	0	53	0	0	0	0	-1	1	-1	-1	223
1971	Wet	-2	-1	0	0	0	-213	0	0	0	0	-3	1
1972	Below Normal	1	0	0	0	0	0	0	0	0	0	0	1
1973	Above Normal	0	0	0	0	0	0	0	0	0	-1	0	1
1974	Wet	8	0	-7	0	0	0	0	0	0	1	0	0
1975	Wet	0	0	-2	0	2	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	12	-1	0
1977	Critical	-12	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	-1	0	-1	2	2	3	2
1979	Below Normal	-4	-3	-1,542	0	0	-2	-1	-2	-24	-34	-3	-5
1980	Above Normal	-207	-4	-2	1,817	0	0	-6	-8	-12	-33	-34	-1,152
1981	Dry	-24	-17	-21	4	8	537	4	6	3	-67	261	37
1982	Wet	77	9	387	0	0	0	0	0	0	3	0	6
1983	Wet	-9	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-2	0	2	0	0	-2	0	0	0	0	0	0
1987	Dry	0	0	4	0	0	0	0	-1	52	0	0	0
1988	Critical	0	0	0	0	0	0	0	1	1	-55	0	0
1989	Dry	0	0	0	0	0	0	0	-1	-1	0	-78	-119
1990	Critical	11	0	3	0	0	0	0	0	1	1	177	2
1991	Critical	0	0	0	0	-3	2	0	0	-1	9	-11	0
1992	Critical	0	0	0	0	0	0	0	0	-510	493	-10	-1
1993	Above Normal	-1	0	0	0	0	12	0	0	0	-5	-4	-1
1994	Critical	0	0	64	0	0	0	0	0	0	-14	-7	0
1995	Wet	0	0	0	0	-36	0	0	0	0	0	0	7
1996	Wet	0	0	-7	0	0	0	0	0	0	-63	3	0
1997	Wet	0	0	-4	0	0	0	0	0	-158	51	1	1
1998	Wet	0	0	0	0	111	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	-2	-1	0
2000	Above Normal	0	0	1	0	3	0	0	0	0	0	1	1
2001	Dry	-1	0	-90	0	0	0	0	1	0	89	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	-39	40
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	1%	0%	-9%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-5%	0%	-1%	0%	31%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	12%	0%	0%	0%	0%	-14%
1940	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1947	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-6%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	11%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%
1956	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	2%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1970	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1971	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	0%	0%	36%	0%	0%	0%	0%	0%	0%	-1%	-13%
1981	Dry	-1%	-1%	-1%	0%	1%	36%	0%	0%	0%	-1%	3%	1%
1982	Wet	6%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-8%	12%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	758	648
1924	Critical	541	478	409	351	358	347	342	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	541
1926	Dry	525	488	452	411	575	649	800	789	612	474	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	481	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	303	265	291	344	406	465	464	404	340	304
1930	Dry	285	267	407	489	557	670	770	792	675	480	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	507	315	279	243
1934	Critical	259	236	339	447	544	666	606	466	243	194	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	673	661	598	419	360	361
1940	Above Normal	343	317	304	575	562	634	800	975	972	743	674	462
1941	Wet	428	350	531	575	574	669	800	975	975	950	800	590
1942	Wet	575	494	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	782	767	557
1944	Dry	497	400	349	320	383	510	570	676	600	488	435	395
1945	Below Normal	363	432	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	556	575	575	571	563	659	800	975	975	751	669	645
1947	Dry	547	562	559	512	575	672	764	792	655	500	424	380
1948	Below Normal	386	376	345	416	416	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	644	522	559	574	566	634	800	975	975	907	800	650
1954	Above Normal	599	538	520	548	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	526	603	739	733	615	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	644
1959	Below Normal	621	509	444	498	575	666	756	786	736	440	389	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	539
1961	Dry	487	453	417	355	372	439	508	585	587	379	320	312
1962	Below Normal	292	285	311	327	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	440
1965	Wet	402	414	388	384	408	564	800	975	975	798	797	592
1966	Below Normal	508	516	507	529	536	651	800	855	798	502	468	465
1967	Wet	417	440	575	570	555	646	800	975	975	950	800	623
1968	Below Normal	619	547	538	566	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	383
1971	Wet	350	468	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	563
1974	Wet	562	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	499	480	479	575	673	800	975	975	924	800	632
1976	Critical	672	530	494	440	416	445	463	493	473	437	415	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	600	546	495	566	575	668	800	975	824	680	651	641
1980	Above Normal	600	575	575	460	427	628	800	975	975	950	800	589
1981	Dry	570	475	432	434	441	594	688	720	656	452	406	402
1982	Wet	388	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	445	384	346	381	502	560	552	457	305	253	268
1988	Critical	256	257	331	438	446	476	532	540	476	403	349	334
1989	Dry	317	388	439	471	521	653	800	823	620	463	424	418
1990	Critical	422	407	364	375	396	501	571	587	545	447	395	378
1991	Critical	314	263	205	144	104	298	432	559	571	474	313	248
1992	Critical	255	256	261	251	423	570	604	543	434	115	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	630
1994	Critical	600	498	460	397	401	435	482	526	523	436	383	339
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	510	575	562	478	628	800	975	975	863	800	608
1997	Wet	534	484	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	465	410	571	563	667	800	975	930	660	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	484	408	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	540
2003	Above Normal	479	463	566	568	554	636	800	975	975	739	714	586

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 3 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	759	648
1924	Critical	542	478	409	352	359	348	343	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	540
1926	Dry	524	488	451	411	575	649	800	789	612	473	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	480	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	302	264	291	344	406	465	464	404	340	303
1930	Dry	285	267	407	489	557	670	770	792	675	479	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	508	315	280	243
1934	Critical	256	233	336	444	541	663	603	463	240	192	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	460	450	577	648	641	582	403	353	355
1940	Above Normal	340	316	305	575	562	634	800	975	972	743	674	463
1941	Wet	428	351	533	575	574	669	800	975	975	950	800	590
1942	Wet	574	489	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	786	771	561
1944	Dry	514	403	350	323	386	513	573	678	595	487	434	395
1945	Below Normal	363	433	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	558	575	575	571	563	659	800	975	975	751	669	633
1947	Dry	535	550	547	500	566	672	764	792	656	500	424	380
1948	Below Normal	386	376	345	416	417	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	525
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	645	500	536	574	566	634	800	975	975	907	800	650
1954	Above Normal	600	540	522	550	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	525	603	739	733	614	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	645
1959	Below Normal	621	491	427	480	575	666	756	786	736	440	388	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	537
1961	Dry	485	452	415	353	370	437	506	583	585	377	317	310
1962	Below Normal	290	284	311	328	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	439
1965	Wet	402	414	388	384	408	564	800	975	975	799	798	593
1966	Below Normal	509	518	509	530	537	653	800	855	797	501	468	464
1967	Wet	416	440	575	570	555	646	800	975	975	950	800	621
1968	Below Normal	616	523	517	545	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	382
1971	Wet	350	467	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	558
1974	Wet	557	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	501	482	480	575	673	800	975	975	924	800	632
1976	Critical	672	529	494	439	416	445	463	492	473	437	414	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	599	512	461	533	575	668	800	975	823	656	628	618
1980	Above Normal	579	573	575	460	427	628	800	975	975	950	800	587
1981	Dry	569	468	425	427	434	587	682	714	650	448	403	399
1982	Wet	385	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	444	384	346	381	502	560	552	460	305	254	268
1988	Critical	256	258	332	439	445	475	531	539	475	402	348	334
1989	Dry	316	388	439	471	522	653	800	823	619	462	423	417
1990	Critical	421	406	363	374	395	501	570	586	545	446	398	381
1991	Critical	316	264	204	143	102	296	428	554	566	470	307	243
1992	Critical	249	250	256	246	418	564	598	538	427	108	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	631
1994	Critical	600	498	461	397	401	435	482	526	523	435	382	338
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	483	565	562	478	628	800	975	975	862	800	607
1997	Wet	537	486	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	464	410	571	563	667	800	975	930	659	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	483	409	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	539
2003	Above Normal	478	462	565	568	554	636	800	975	975	739	714	586

Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 3 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	-1	-1	0	0	0	0	1	0
1924	Critical	1	1	1	1	1	1	1	1	1	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	-25	-20	-16	-17	-7	-7
1940	Above Normal	-4	-1	1	0	0	0	0	0	0	0	0	0
1941	Wet	0	1	1	0	0	0	0	0	0	0	0	0
1942	Wet	-1	-5	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	4	4	4
1944	Dry	17	3	1	3	3	3	3	2	-5	-2	-1	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-12
1947	Dry	-12	-12	-12	-12	-9	0	0	0	0	0	-1	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	1	-23	-23	0	0	0	0	0	0	0	0	0
1954	Above Normal	1	2	2	2	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	-18	-18	-18	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1961	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
1962	Below Normal	-1	0	0	1	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	1	1	1
1966	Below Normal	1	2	2	2	2	2	0	0	0	-1	-1	-1
1967	Wet	-1	0	0	0	0	0	0	0	0	0	0	-3
1968	Below Normal	-3	-24	-21	-21	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	-1
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-5
1974	Wet	-5	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	1	1	1	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-1
1979	Below Normal	-1	-34	-34	-33	0	0	0	0	-1	-24	-23	-23
1980	Above Normal	-21	-2	0	0	0	0	0	0	0	0	0	-1
1981	Dry	-1	-7	-7	-7	-7	-7	-6	-6	-5	-5	-3	-3
1982	Wet	-3	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	3	0	0	0
1988	Critical	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
1989	Dry	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1990	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3
1991	Critical	2	1	0	-1	-2	-3	-4	-4	-4	-4	-6	-6
1992	Critical	-6	-6	-6	-6	-6	-5	-5	-5	-7	-7	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	-27	-10	0	0	0	0	0	0	0	0	0
1997	Wet	3	2	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	1	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-1	-1	-1	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-4%	-2%	-2%
1940	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1944	Dry	3%	1%	0%	1%	1%	1%	0%	0%	-1%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-4%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-6%	-7%	-6%	0%	0%	0%	0%	0%	-3%	-4%	-4%
1980	Above Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1991	Critical	1%	0%	0%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1992	Critical	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-6%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-5%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Folsom Reservoir Release to American River (Node C8)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,758	5,476	4,489	4,572	1,901	2,936	4,395	2,794	5,109	2,011	3,480
1924	Critical	3,004	1,984	2,046	1,746	1,495	848	863	869	625	634	628	581
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,760	5,110	3,866	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,506	848	3,413	1,593	3,389	2,692	1,876	907
1927	Wet	1,555	1,604	1,615	3,521	13,407	4,518	7,605	4,583	5,234	4,780	2,151	3,460
1928	Above Normal	2,031	4,674	2,050	1,798	1,790	11,904	4,703	1,827	2,901	5,104	2,463	2,251
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,388	1,657	1,668	1,662	1,582
1930	Dry	1,050	1,083	1,111	1,067	1,072	2,615	1,814	1,822	3,156	3,990	1,980	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	905	821	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,373	3,256	3,982
1933	Critical	2,152	2,685	2,041	1,739	1,489	1,488	1,738	1,510	3,634	3,959	1,794	1,606
1934	Critical	850	1,513	832	821	822	573	2,597	3,064	4,195	887	1,687	750
1935	Below Normal	971	928	839	860	895	1,775	5,709	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,805	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,824
1938	Wet	1,560	2,066	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,981
1939	Dry	1,569	2,307	2,052	1,750	1,495	845	870	1,447	1,572	2,980	1,105	886
1940	Above Normal	1,426	1,423	1,411	2,850	10,515	10,581	6,085	3,025	1,858	5,120	2,594	5,102
1941	Wet	1,785	2,761	1,871	4,992	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,610	3,065	4,284	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,998
1943	Wet	1,660	4,969	3,282	10,773	7,288	11,930	5,137	2,416	2,913	5,107	1,862	5,103
1944	Dry	2,219	2,764	2,014	1,789	1,478	1,463	1,508	1,520	2,883	3,004	2,437	1,726
1945	Below Normal	1,558	1,638	1,665	1,668	7,698	2,034	2,128	3,352	2,574	5,113	2,597	2,906
1946	Below Normal	2,673	2,894	8,793	5,116	2,592	3,044	3,445	3,499	1,880	5,120	2,804	1,969
1947	Dry	2,866	1,989	2,050	1,751	1,544	2,426	1,185	1,196	3,255	3,059	2,113	1,687
1948	Below Normal	1,558	1,582	1,581	1,350	1,156	1,781	1,790	3,277	4,941	3,497	2,671	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,871	3,424	2,257
1950	Below Normal	1,568	1,988	2,050	1,791	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,842	15,858	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,154
1952	Wet	1,569	2,628	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,452
1953	Wet	1,605	3,645	2,047	6,883	2,333	1,801	2,509	2,703	6,179	4,109	3,546	4,118
1954	Above Normal	2,098	3,053	2,052	1,748	2,925	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,979	1,494	1,509	1,519	1,841	2,969	2,609	1,620
1956	Wet	1,560	1,971	16,306	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,357	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,264
1959	Below Normal	1,571	3,270	2,052	1,745	1,870	866	878	886	1,534	5,114	1,020	894
1960	Dry	1,556	1,638	1,688	1,442	1,256	3,029	2,062	1,564	1,564	2,138	2,515	1,707
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	923	930	949	3,300	949	939
1962	Below Normal	1,019	1,051	1,078	853	2,504	2,004	3,770	1,910	1,857	5,120	3,082	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,579	1,863	3,513
1964	Dry	2,339	4,336	2,050	2,487	1,802	1,752	1,768	1,776	1,840	3,511	2,502	1,689
1965	Wet	1,559	1,738	20,139	12,972	5,358	1,797	5,473	3,602	3,521	5,108	1,861	5,102
1966	Below Normal	2,735	2,149	2,043	1,789	1,791	862	1,479	890	1,276	5,046	1,193	904
1967	Wet	1,570	1,762	2,608	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,805
1968	Below Normal	1,571	3,310	2,100	1,743	6,726	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,751	5,068	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,018	3,954
1971	Wet	1,531	1,679	4,339	4,731	3,437	3,980	2,359	3,478	4,884	3,816	2,947	4,420
1972	Below Normal	1,570	3,240	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,764	9,256	7,075	3,446	2,221	4,158	3,261	4,789	1,862	3,115
1974	Wet	1,568	6,541	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,486	2,050	1,748	2,505	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,474	2,052	1,752	1,501	850	861	868	927	1,105	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,557	4,188	3,677	4,108	4,884	1,863	3,781
1979	Below Normal	1,583	2,336	2,051	1,732	3,414	3,421	1,812	4,181	4,018	3,620	1,846	1,621
1980	Above Normal	2,102	2,301	2,297	17,656	13,166	3,701	2,888	2,837	3,107	2,833	4,132	5,077
1981	Dry	1,571	3,029	2,050	1,784	1,800	826	877	887	1,393	3,385	1,126	899
1982	Wet	1,566	4,746	13,884	7,885	15,728	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,170	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,055	2,413	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,880
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,105	1,798	2,417	855	802
1988	Critical	856	931	859	812	1,170	966	611	779	1,236	1,141	803	769
1989	Dry	924	917	902	906	833	8,941	4,316	3,467	4,826	3,316	2,025	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,039	1,650	1,204
1991	Critical	1,535	1,492	1,519	1,298	1,104	1,049	1,171	1,143	1,977	2,915	3,366	1,575
1992	Critical	854	851	835	834	819	444	1,352	1,519	1,696	5,062	594	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,791	2,654	3,982
1994	Critical	1,856	3,208	2,051	1,752	1,503	1,093	1,110	1,115	1,667	1,832	1,180	1,159
1995	Wet	1,312	1,341	1,357	10,300	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	2,784	2,303	5,527	13,720	6,453	4,730	8,092	3,157	3,773	2,500	4,883
1997	Wet	2,614	3,746	12,865	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,514
1998	Wet	1,440	1,451	1,422	4,887	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,134	2,258	4,992
2000	Above Normal	1,820	3,252	2,052	2,149	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,633	2,360	2,050	1,744	1,467	837	855	879	1,373	2,234	1,263	887
2002	Dry	1,223	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,891	2,654	1,709
2003	Above Normal	1,644	1,988	2,016	3,387	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,590

Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,759	5,475	4,489	4,584	1,901	2,926	4,396	2,795	5,108	2,001	3,493
1924	Critical	2,992	1,984	2,046	1,746	1,495	848	863	869	628	638	631	585
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,763	5,109	3,871	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,499	848	3,413	1,593	3,397	2,691	1,874	907
1927	Wet	1,555	1,603	1,614	3,520	13,407	4,518	7,605	4,583	5,234	4,781	2,151	3,460
1928	Above Normal	2,031	4,675	2,050	1,798	1,790	11,903	4,703	1,827	2,902	5,104	2,464	2,252
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,387	1,657	1,668	1,662	1,582
1930	Dry	1,049	1,083	1,110	1,066	1,072	2,616	1,814	1,822	3,155	3,993	1,979	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	906	820	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,371	3,258	3,982
1933	Critical	2,150	2,683	2,041	1,739	1,489	1,488	1,738	1,510	3,631	3,958	1,794	1,606
1934	Critical	905	1,518	832	821	822	569	2,596	3,065	4,192	887	1,645	750
1935	Below Normal	971	928	839	860	895	1,775	5,710	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,804	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,822
1938	Wet	1,560	2,067	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,983
1939	Dry	1,569	2,308	2,052	1,750	1,495	844	1,300	1,362	1,511	2,991	949	886
1940	Above Normal	1,383	1,380	1,368	2,874	10,516	10,581	6,085	3,025	1,858	5,120	2,588	5,102
1941	Wet	1,787	2,741	1,872	5,014	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,629	3,122	4,210	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,999
1943	Wet	1,660	4,963	3,287	10,773	7,288	11,930	5,137	2,416	2,913	5,037	1,862	5,103
1944	Dry	2,012	3,003	2,043	1,760	1,478	1,463	1,508	1,521	3,002	2,956	2,415	1,711
1945	Below Normal	1,558	1,640	1,668	1,671	7,695	2,034	2,129	3,353	2,575	5,112	2,599	2,907
1946	Below Normal	2,653	2,916	8,793	5,117	2,592	3,044	3,445	3,499	1,880	5,120	2,804	2,165
1947	Dry	2,866	1,989	2,050	1,751	1,497	2,280	1,188	1,199	3,241	3,061	2,127	1,681
1948	Below Normal	1,558	1,581	1,580	1,349	1,155	1,781	1,790	3,278	4,941	3,496	2,672	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,872	3,423	2,262
1950	Below Normal	1,568	1,988	2,050	1,786	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,849	15,850	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,152
1952	Wet	1,569	2,629	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,449
1953	Wet	1,593	4,040	2,047	6,516	2,333	1,801	2,511	2,703	6,179	4,110	3,544	4,118
1954	Above Normal	2,084	3,039	2,052	1,748	2,956	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,982	1,494	1,509	1,519	1,841	2,973	2,599	1,620
1956	Wet	1,560	1,972	16,308	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,358	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,256
1959	Below Normal	1,571	3,573	2,052	1,745	1,555	866	878	886	1,535	5,114	1,016	895
1960	Dry	1,550	1,642	1,686	1,440	1,255	3,027	2,066	1,564	1,564	2,139	2,513	1,733
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	924	931	949	3,306	949	940
1962	Below Normal	1,005	1,037	1,064	842	2,525	2,004	3,770	1,910	1,857	5,120	3,081	2,003
1963	Wet	3,449	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,580	1,863	3,513
1964	Dry	2,339	4,334	2,050	2,488	1,802	1,752	1,768	1,776	1,840	3,512	2,503	1,690
1965	Wet	1,559	1,738	20,137	12,972	5,358	1,797	5,473	3,602	3,521	5,095	1,861	5,102
1966	Below Normal	2,733	2,135	2,043	1,789	1,791	862	1,507	890	1,277	5,059	1,190	904
1967	Wet	1,570	1,759	2,600	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,851
1968	Below Normal	1,571	3,670	2,050	1,743	6,363	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,753	5,067	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,017	3,966
1971	Wet	1,528	1,680	4,332	4,731	3,437	3,980	2,359	3,478	4,884	3,813	2,949	4,418
1972	Below Normal	1,570	3,242	2,038	1,942	3,084	4,145	1,820	1,829	1,854	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,763	9,256	7,075	3,446	2,221	4,158	3,261	4,785	1,862	3,200
1974	Wet	1,568	6,461	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,463	2,050	1,748	2,529	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,480	2,052	1,752	1,501	850	861	868	926	1,102	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,558	4,188	3,677	4,108	4,883	1,863	3,791
1979	Below Normal	1,595	2,879	2,051	1,732	2,811	3,421	1,814	4,183	4,036	3,991	1,846	1,621
1980	Above Normal	2,075	1,980	2,268	17,657	13,167	3,701	2,888	2,837	3,107	2,833	4,132	5,102
1981	Dry	1,571	3,116	2,050	1,784	1,800	826	876	886	1,385	3,379	1,111	898
1982	Wet	1,565	4,696	13,885	7,886	15,730	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,171	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,056	2,414	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,881
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,109	1,743	2,463	855	802
1988	Critical	856	931	859	812	1,194	970	611	778	1,237	1,138	803	769
1989	Dry	918	912	896	901	833	8,949	4,316	3,473	4,835	3,318	2,022	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,037	1,592	1,204
1991	Critical	1,550	1,509	1,538	1,314	1,118	1,063	1,185	1,157	1,977	2,901	3,401	1,575
1992	Critical	854	851	835	834	819	444	1,353	1,506	1,732	5,062	552	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,788	2,650	3,983
1994	Critical	1,862	3,203	2,051	1,752	1,503	1,094	1,111	1,116	1,675	1,846	1,173	1,160
1995	Wet	1,308	1,337	1,353	10,302	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	3,231	2,040	5,358	13,720	6,453	4,730	8,092	3,157	3,775	2,499	4,885
1997	Wet	2,569	3,750	12,904	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,510
1998	Wet	1,444	1,450	1,424	4,886	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,133	2,259	4,992
2000	Above Normal	1,822	3,254	2,052	2,145	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,632	2,360	2,050	1,744	1,467	837	855	879	1,379	2,232	1,250	887
2002	Dry	1,232	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,892	2,654	1,734
2003	Above Normal	1,633	1,988	2,016	3,373	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,591

Change in Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	1	-1	0	12	0	-10	1	1	0	-10	13
1924	Critical	-12	0	0	0	0	0	0	0	3	3	3	3
1925	Dry	0	0	0	0	0	0	0	0	2	0	5	0
1926	Dry	0	0	0	0	-7	0	0	0	8	-1	-3	0
1927	Wet	0	-1	-1	0	0	0	0	0	0	1	0	0
1928	Above Normal	0	2	0	0	0	-2	0	0	1	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	1	0	0	-2	3	-1	0
1931	Critical	0	0	0	0	0	0	0	0	0	1	-1	0
1932	Dry	0	0	0	0	0	0	0	0	0	-2	2	0
1933	Critical	-2	-2	0	0	0	0	0	0	-2	-2	0	0
1934	Critical	55	5	0	0	0	-4	-1	1	-3	0	-41	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	-1	0	0	0	1	0	0	0	0	0	0	-1
1938	Wet	0	1	0	0	0	0	0	0	0	0	0	2
1939	Dry	0	1	0	0	0	-1	430	-86	-60	11	-156	0
1940	Above Normal	-43	-43	-43	24	1	0	0	0	0	0	-6	0
1941	Wet	2	-20	2	22	0	0	0	0	0	0	0	0
1942	Wet	19	57	-74	0	0	0	0	0	0	0	0	0
1943	Wet	0	-6	5	0	0	0	0	0	0	-69	0	0
1944	Dry	-207	239	29	-29	0	0	0	0	119	-48	-22	-16
1945	Below Normal	0	2	3	3	-3	0	1	1	1	0	2	1
1946	Below Normal	-20	22	0	0	0	0	0	0	0	0	0	196
1947	Dry	0	0	0	0	-47	-145	3	3	-14	2	14	-6
1948	Below Normal	0	-1	-1	-1	-1	0	0	1	0	-1	1	0
1949	Dry	0	0	0	0	0	0	0	0	0	1	-1	5
1950	Below Normal	0	0	0	-5	0	0	0	0	0	0	0	0
1951	Above Normal	7	-7	0	0	0	0	0	0	0	0	0	-2
1952	Wet	0	1	1	0	0	0	0	0	0	0	0	-2
1953	Wet	-11	394	0	-367	0	-1	2	0	0	2	-2	0
1954	Above Normal	-15	-14	0	0	31	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	3	0	0	0	0	4	-9	0
1956	Wet	0	1	2	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	-8
1959	Below Normal	0	303	0	0	-315	0	0	0	1	0	-4	0
1960	Dry	-5	4	-2	-1	-1	-2	4	1	0	2	-3	26
1961	Dry	0	0	0	0	0	1	1	1	0	6	1	1
1962	Below Normal	-14	-14	-14	-12	21	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	-1	0	1	0	0	0	0	0	0	0	1
1965	Wet	0	0	-1	0	0	0	0	0	0	-12	0	0
1966	Below Normal	-2	-14	0	0	0	0	28	0	1	13	-3	0
1967	Wet	0	-3	-8	0	0	0	0	0	0	0	0	45
1968	Below Normal	0	359	-50	0	-363	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	1	-1	0	0	-1	0	0	0	0	-1	12
1971	Wet	-3	0	-7	0	0	0	0	0	0	-3	3	-2
1972	Below Normal	0	2	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	-1	0	0	0	0	0	0	-4	0	85
1974	Wet	0	-80	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-23	0	0	24	0	0	0	0	0	0	0
1976	Critical	0	6	0	0	0	0	0	0	-1	-2	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	-1	0
1978	Above Normal	0	0	0	0	0	2	0	0	0	-1	0	10
1979	Below Normal	11	543	0	0	-603	0	2	2	18	372	-1	-1
1980	Above Normal	-27	-321	-30	1	1	0	0	0	0	0	0	25
1981	Dry	0	87	0	0	0	0	-1	-1	-8	-7	-16	-1
1982	Wet	-1	-50	1	1	2	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1987	Dry	0	0	0	0	0	0	0	4	-56	46	0	0
1988	Critical	0	0	0	0	24	4	0	-1	1	-3	0	0
1989	Dry	-5	-5	-5	-5	0	8	0	6	8	1	-3	0
1990	Critical	0	0	0	0	0	0	0	0	0	-1	-58	0
1991	Critical	15	18	19	16	14	14	14	14	1	-13	35	0
1992	Critical	0	0	0	0	0	0	1	-13	35	0	-43	0
1993	Above Normal	0	0	0	1	0	0	0	0	0	-4	-3	1
1994	Critical	6	-5	0	0	0	1	1	1	8	13	-7	1
1995	Wet	-3	-3	-3	3	0	0	0	0	0	0	0	0
1996	Wet	0	447	-263	-169	0	0	0	0	0	2	-2	2
1997	Wet	-46	4	40	0	0	0	0	0	0	0	0	-4
1998	Wet	4	-1	2	-1	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	-2	2	0
2000	Above Normal	2	2	0	-4	0	0	0	0	0	0	0	1
2001	Dry	-1	1	0	0	0	0	0	0	6	-2	-13	0
2002	Dry	9	0	0	0	0	0	0	0	0	1	0	25
2003	Above Normal	-11	0	0	-14	0	0	0	0	0	0	0	1

Percent Change in Simulated Folsom Reservoir Release to American River (Node C8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	6%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	49%	-6%	-4%	0%	-14%	0%
1940	Above Normal	-3%	-3%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1944	Dry	-9%	9%	1%	-2%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	0%	0%	0%	-3%	-6%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	11%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	-1%	-1%	-1%	1%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-2%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	23%	0%	0%	-18%	0%	0%	0%	0%	10%	0%	0%
1980	Above Normal	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%	-7%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	16%	-11%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,880	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,536	25,913	25,575	17,422	11,194	20,752	15,101	11,982	20,351	15,142	14,230
1924	Critical	10,422	9,176	9,216	12,428	15,161	8,997	7,810	6,668	7,683	12,577	7,738	6,431
1925	Dry	7,273	7,813	12,925	12,191	48,839	17,122	23,765	13,614	11,833	19,542	14,145	13,688
1926	Dry	9,103	9,030	9,506	17,703	36,119	12,364	21,579	10,500	13,790	18,693	11,316	11,039
1927	Wet	7,965	22,101	18,695	31,512	73,846	41,515	42,702	24,048	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,664	14,926	23,969	21,355	65,896	24,474	10,349	15,836	24,707	17,128	21,888
1929	Critical	11,319	13,333	11,864	12,734	16,195	12,012	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,954	20,102	17,817	30,594	12,527	10,415	13,279	17,396	11,653	12,372
1931	Critical	7,939	7,871	8,123	13,795	11,672	8,401	9,591	7,188	7,637	11,444	7,628	6,371
1932	Dry	6,475	6,781	19,504	20,459	15,199	12,297	9,418	12,474	15,325	12,593	13,134	10,292
1933	Critical	8,136	7,934	9,788	14,534	12,441	14,056	9,261	8,209	10,645	11,449	10,556	7,776
1934	Critical	6,319	6,547	14,507	17,988	14,976	11,480	10,970	9,588	10,855	8,538	9,130	6,493
1935	Below Normal	6,285	11,417	10,184	26,759	13,372	26,067	41,176	18,646	15,268	19,389	14,834	14,554
1936	Below Normal	11,279	9,853	11,220	37,521	57,105	33,124	20,903	13,106	14,138	19,884	14,415	14,337
1937	Below Normal	11,647	9,187	14,268	13,670	33,311	36,110	20,872	13,641	16,845	18,946	14,346	10,788
1938	Wet	9,595	25,042	58,741	29,176	69,836	72,336	54,550	52,682	34,311	15,320	15,408	28,581
1939	Dry	12,561	13,791	14,697	10,781	11,943	9,604	8,167	9,987	9,703	19,823	12,385	11,368
1940	Above Normal	8,138	7,999	9,408	26,673	53,374	67,583	54,439	14,804	12,662	23,354	16,524	21,560
1941	Wet	10,866	13,530	32,945	62,007	65,241	61,062	49,948	38,463	15,713	17,594	15,373	30,470
1942	Wet	12,392	17,463	40,477	56,868	68,793	22,219	41,928	31,782	24,530	16,718	15,492	30,142
1943	Wet	12,698	19,217	18,654	58,781	47,831	57,405	25,207	15,143	12,158	23,379	15,966	29,530
1944	Dry	12,360	15,810	14,879	15,313	24,567	19,253	9,375	8,947	12,221	18,469	12,720	8,688
1945	Below Normal	7,959	14,719	16,826	13,193	43,522	21,226	11,687	12,020	11,485	19,921	16,091	14,272
1946	Below Normal	12,794	14,071	50,328	45,221	16,578	16,555	13,928	13,098	11,647	21,136	16,842	13,892
1947	Dry	12,171	10,722	14,992	11,605	17,778	20,137	12,468	9,457	13,301	19,994	13,469	15,205
1948	Below Normal	10,278	11,110	9,660	14,993	10,327	16,248	23,465	27,653	20,615	20,979	17,391	15,438
1949	Dry	10,977	10,129	13,736	11,250	12,966	39,926	12,724	12,264	12,640	20,155	14,845	16,022
1950	Below Normal	8,353	9,538	10,016	19,572	34,224	20,169	18,686	14,436	13,666	20,810	16,354	14,953
1951	Above Normal	13,167	45,220	74,839	55,303	59,040	27,907	14,162	16,376	12,736	23,877	17,053	22,256
1952	Wet	12,232	17,625	35,728	58,621	58,578	52,947	53,597	58,672	35,877	17,632	15,882	27,810
1953	Wet	14,277	16,780	31,980	63,667	23,447	20,938	16,475	22,959	24,612	22,618	16,997	29,980
1954	Above Normal	11,760	19,503	12,034	24,520	45,175	44,583	38,863	12,144	14,414	24,388	17,213	23,074
1955	Dry	11,670	17,054	22,509	18,642	12,892	10,482	10,861	11,122	10,105	19,718	12,742	9,820
1956	Wet	9,092	11,359	50,267	75,204	59,531	34,081	18,165	39,033	20,347	17,510	15,575	30,366
1957	Above Normal	13,371	18,754	15,089	13,587	16,620	39,447	11,814	18,360	11,418	24,531	17,369	22,171
1958	Wet	15,391	16,903	22,774	36,851	69,408	68,228	67,602	41,752	29,552	17,395	16,628	27,503
1959	Below Normal	14,601	17,218	15,423	22,176	41,393	15,553	10,026	10,243	13,585	23,825	17,474	14,225
1960	Dry	9,886	9,090	9,070	13,300	27,057	19,069	11,975	10,980	13,606	19,856	14,558	15,342
1961	Dry	8,365	13,157	18,468	13,206	33,752	17,854	10,400	10,431	11,242	20,702	12,391	10,776
1962	Below Normal	8,169	10,246	16,683	10,606	44,161	21,895	12,997	13,347	11,618	23,013	17,543	14,919
1963	Wet	33,355	16,012	27,929	16,237	61,331	25,256	64,574	26,078	14,538	24,246	16,762	30,344
1964	Dry	12,615	22,115	12,797	22,627	13,062	10,792	9,862	10,721	10,746	19,849	12,140	13,908
1965	Wet	8,339	15,660	44,967	70,922	32,660	19,871	40,451	17,396	14,940	21,422	14,864	29,395
1966	Below Normal	12,897	21,099	13,417	24,845	22,807	20,211	13,695	10,403	12,617	23,040	17,157	15,482
1967	Wet	10,819	15,448	34,796	36,722	46,502	46,500	34,695	42,784	37,846	14,305	15,065	29,558
1968	Below Normal	13,407	15,525	15,410	23,313	50,204	32,235	10,390	11,166	12,589	23,907	16,534	14,202
1969	Wet	10,117	12,122	22,200	64,506	69,185	42,969	39,774	44,977	22,171	13,668	13,971	29,346
1970	Wet	12,251	15,184	41,445	77,161	62,430	33,547	10,867	12,666	12,948	24,905	16,775	27,450
1971	Wet	13,443	20,073	46,603	46,297	22,275	38,159	22,549	27,488	20,937	22,404	17,260	29,762
1972	Below Normal	13,757	16,322	15,659	15,999	16,546	28,014	11,585	10,956	12,707	23,865	17,007	15,359
1973	Above Normal	10,703	19,412	25,345	57,679	64,106	46,919	14,932	16,535	15,813	22,507	15,508	20,491
1974	Wet	11,473	48,136	58,854	72,471	39,318	68,092	56,233	20,456	19,260	19,965	16,709	29,453
1975	Wet	14,091	18,877	14,844	13,517	48,121	59,021	20,153	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,478	18,974	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,973	9,446	11,214
1977	Critical	9,622	7,888	8,152	9,699	10,992	8,062	8,540	5,524	8,178	8,797	9,958	5,994
1978	Above Normal	6,051	6,462	15,587	48,322	44,089	54,911	34,109	17,802	15,473	19,978	16,258	21,336
1979	Below Normal	12,475	13,755	14,901	21,623	29,370	24,738	13,660	14,102	14,804	20,851	15,920	13,017
1980	Above Normal	12,403	14,794	20,114	67,141	67,504	43,304	16,814	13,909	12,481	16,035	15,242	20,302
1981	Dry	11,235	14,277	15,432	20,906	24,476	20,006	12,999	9,435	13,616	20,092	15,548	12,190
1982	Wet	9,707	33,565	68,597	59,043	66,880	61,267	72,159	31,322	20,576	14,702	13,246	23,678
1983	Wet	18,184	36,221	57,783	57,411	74,202	81,646	57,031	54,067	51,096	22,909	20,022	25,581
1984	Wet	18,451	54,755	76,377	47,269	33,679	33,969	13,085	11,872	13,920	23,828	16,065	26,847
1985	Dry	11,534	25,136	21,405	13,888	15,040	13,073	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,148	22,421	77,014	70,806	18,193	12,247	12,485	21,064	15,456	23,855
1987	Dry	11,490	12,500	14,721	13,805	19,565	22,861	9,274	10,701	13,502	13,241	8,509	8,575
1988	Critical	7,753	7,725	18,032	25,417	13,668	7,491	11,162	9,310	10,829	15,127	10,025	6,502
1989	Dry	6,471	9,881	10,274	12,398	9,012	45,573	21,515	13,745	13,855	19,927	12,856	14,347
1990	Critical	10,114	9,013	12,037	18,886	13,698	12,010	11,157	7,830	8,133	17,887	10,101	6,799
1991	Critical	6,210	6,318	7,378	7,622	9,393	29,181	11,752	7,077	9,689	16,611	9,058	6,636
1992	Critical	6,534	6,620	7,014	10,738	28,450	18,644	11,102	9,196	13,703	11,940	10,367	6,995
1993	Above Normal	7,809	6,569	13,607	46,739	48,114	38,911	37,578	28,043	25,549	19,714	16,527	22,968
1994	Critical	12,975	14,401	15,027	13,089	21,930	11,362	11,967	9,393	8,384	19,574	13,703	10,021
1995	Wet	7,639	8,198	15,686	63,249	49,155	77,551	50,480	58,340	37,625	16,828	17,466	23,888
1996	Wet	14,953	12,817	23,544	42,647	72,227	57,366	33,119	40,964	14,995	21,763	15,848	31,448
1997	Wet	11,802	17,566	50,230	78,291	51,916	22,186	16,270	12,060	12,771	24,526	16,166	29,129
1998	Wet	12,003	17,653	18,887	27,523	68,069	60,623	45,543	43,094	61,226	22,770	19,758	26,148
1999	Wet	16,186	26,912	34,940	38,606	60,761	54,741	23,001	18,333	16,640	22,031	16,118	26,209
2000	Above Normal	11,421	18,400	14,453	21,529	62,004	48,472	18,097	15,790	12,380	22,360	16,955	22,306
2001	Dry	9,571	14,044	14,523	16,600	23,951	22,220	11,431	9,145	13,467	17,421	9,250	9,447
2002	Dry	7,364	10,129	28,722	43,394	18,184	19,209	16,012	11,896	10,765	20,240	13,619	14,023
2003	Above Normal	7,944	9,607	36,481	56,414	25,080	22,349	24,564	40,510	14,680	23,892	17,293	22,985

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 3 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,879	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,540	25,911	25,574	17,442	11,194	20,744	15,102	11,983	20,351	15,131	14,230
1924	Critical	10,410	9,176	9,216	12,428	15,160	8,997	7,810	6,661	7,683	12,579	7,738	6,432
1925	Dry	7,273	7,807	12,921	12,188	48,838	17,119	23,762	13,614	11,834	19,541	14,155	13,691
1926	Dry	9,106	9,033	9,504	17,701	36,109	12,363	21,577	10,500	13,789	18,693	11,314	11,016
1927	Wet	7,965	22,097	18,692	31,509	73,844	41,513	42,701	24,046	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,663	14,924	23,967	21,353	65,891	24,472	10,348	15,836	24,706	17,127	21,887
1929	Critical	11,319	13,331	11,862	12,733	16,193	12,011	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,951	20,100	17,815	30,593	12,527	10,415	13,279	17,395	11,652	12,373
1931	Critical	7,939	7,871	8,121	13,793	11,671	8,400	9,591	7,188	7,637	11,435	7,628	6,371
1932	Dry	6,474	6,773	19,496	20,453	15,194	12,322	9,418	12,474	15,325	12,592	13,139	10,292
1933	Critical	8,136	7,934	9,781	14,529	12,436	14,051	9,261	8,209	10,645	11,434	10,550	7,776
1934	Critical	6,319	6,547	14,498	17,981	14,969	11,476	10,973	9,185	10,849	8,531	9,004	6,519
1935	Below Normal	6,305	11,411	10,178	26,753	13,365	26,061	41,172	18,645	15,268	19,391	14,837	14,557
1936	Below Normal	11,103	9,853	11,233	37,503	57,628	33,116	20,899	13,106	14,138	19,882	14,416	14,337
1937	Below Normal	11,646	9,187	14,268	13,666	33,307	36,106	20,868	13,641	16,918	18,939	14,346	10,787
1938	Wet	9,514	24,978	58,739	29,171	69,836	72,336	54,548	52,679	34,311	15,320	15,409	28,581
1939	Dry	12,550	13,800	14,856	10,764	11,934	9,606	8,773	9,990	9,723	19,872	12,240	10,674
1940	Above Normal	8,138	7,986	9,355	26,694	53,529	67,585	54,435	14,804	12,661	23,326	16,523	21,679
1941	Wet	10,871	13,752	33,437	62,026	65,239	61,062	49,948	38,462	15,713	17,594	15,373	30,467
1942	Wet	12,475	17,751	40,399	56,869	68,793	22,218	41,927	31,780	24,530	16,719	15,493	30,142
1943	Wet	12,697	19,189	18,659	58,776	47,830	57,404	25,207	15,146	12,158	23,393	15,965	29,646
1944	Dry	12,152	15,945	14,880	15,308	24,564	19,251	9,375	8,947	12,221	18,391	12,799	8,699
1945	Below Normal	7,959	14,719	16,827	13,194	43,517	21,225	11,687	12,022	11,485	19,922	16,092	14,272
1946	Below Normal	12,766	14,168	50,327	45,224	16,578	16,554	13,927	12,990	11,823	21,029	16,886	14,090
1947	Dry	12,117	10,722	14,990	11,605	17,729	19,991	12,472	9,461	13,301	19,994	13,532	15,198
1948	Below Normal	10,188	11,110	9,658	14,991	10,348	16,247	23,464	27,653	20,591	20,975	17,392	15,438
1949	Dry	10,979	10,091	13,735	11,248	12,965	39,924	12,724	12,264	12,639	20,155	14,835	16,022
1950	Below Normal	8,353	9,538	10,016	19,566	34,222	20,167	18,686	14,436	13,666	20,809	16,354	14,953
1951	Above Normal	13,167	45,193	74,839	55,302	59,039	27,906	14,162	16,376	12,736	23,876	17,053	22,292
1952	Wet	12,233	17,626	35,731	58,621	58,561	52,951	53,596	58,675	35,886	17,642	15,882	27,791
1953	Wet	14,256	18,691	30,627	63,327	23,457	20,935	16,475	22,962	24,605	22,624	17,002	29,985
1954	Above Normal	11,703	19,433	12,329	24,631	45,205	44,306	38,863	12,141	14,408	24,383	17,213	23,074
1955	Dry	11,624	17,079	22,508	18,642	12,923	10,481	10,861	11,122	10,107	19,720	12,739	10,089
1956	Wet	8,899	11,360	50,257	75,204	59,531	34,080	18,165	39,033	20,347	17,511	15,575	30,366
1957	Above Normal	13,371	18,754	15,090	13,586	16,619	39,442	11,814	18,359	11,418	24,531	17,369	22,171
1958	Wet	15,390	16,902	22,773	36,850	69,408	68,228	67,601	41,751	29,551	17,397	16,627	27,449
1959	Below Normal	14,632	18,698	15,423	22,184	41,084	15,545	10,027	10,243	13,585	23,819	17,474	14,327
1960	Dry	9,908	9,067	9,068	13,297	27,055	19,066	11,977	10,980	13,606	19,856	14,558	15,335
1961	Dry	8,352	13,157	18,377	13,208	33,750	17,853	10,400	10,431	11,242	20,702	12,376	10,775
1962	Below Normal	8,176	10,246	16,667	10,606	44,170	21,895	12,997	13,347	11,618	23,015	17,543	14,919
1963	Wet	33,351	16,011	27,928	16,237	61,333	25,255	64,574	26,077	14,539	24,246	16,762	30,344
1964	Dry	12,615	22,107	12,797	22,628	13,061	10,791	9,862	10,721	10,746	19,849	12,142	13,911
1965	Wet	8,334	15,658	44,966	70,922	32,659	19,872	40,457	17,396	14,940	21,423	14,865	29,398
1966	Below Normal	12,898	21,022	13,418	24,843	22,806	20,320	13,716	10,402	12,617	23,048	17,157	15,475
1967	Wet	10,819	15,444	34,779	36,722	46,502	46,500	34,695	42,783	37,846	14,305	15,065	29,824
1968	Below Normal	13,403	17,316	15,410	23,221	48,911	32,266	10,390	11,166	12,590	23,904	16,535	14,202
1969	Wet	10,129	12,119	22,199	64,500	69,184	42,968	39,773	44,976	22,171	14,007	14,472	29,341
1970	Wet	12,319	15,113	41,472	77,161	62,430	33,546	10,867	12,666	12,950	24,903	16,774	27,790
1971	Wet	13,439	20,042	46,544	46,298	22,274	37,987	22,550	27,488	20,936	22,394	17,259	29,761
1972	Below Normal	13,757	16,331	15,658	15,998	16,546	28,013	11,585	10,955	12,707	23,866	17,007	15,362
1973	Above Normal	10,702	19,407	25,344	57,679	64,105	46,919	14,931	16,535	15,813	22,501	15,508	20,858
1974	Wet	11,474	47,975	58,855	72,471	39,318	68,092	56,233	20,455	19,260	19,966	16,709	29,453
1975	Wet	14,090	18,762	14,844	13,515	48,146	59,044	20,151	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,477	19,002	15,489	11,471	12,426	14,111	9,835	6,697	8,121	15,957	9,460	11,212
1977	Critical	9,622	7,887	8,150	9,704	10,986	8,062	8,540	5,522	8,175	8,796	9,915	5,994
1978	Above Normal	6,051	6,462	15,585	48,321	44,086	54,912	34,108	17,800	15,476	19,982	16,263	21,381
1979	Below Normal	12,516	16,476	13,316	21,682	28,796	24,755	13,706	14,103	14,800	20,636	15,910	13,016
1980	Above Normal	11,826	13,528	20,149	67,684	67,500	43,295	16,812	13,906	12,479	16,014	15,222	20,004
1981	Dry	11,226	14,178	15,432	20,906	24,480	20,536	12,997	9,438	13,626	20,102	15,714	12,329
1982	Wet	9,771	33,215	68,705	59,042	66,881	61,267	72,159	31,322	20,576	14,705	13,246	23,678
1983	Wet	18,174	36,220	57,783	57,411	74,202	81,646	57,030	54,066	51,095	22,908	20,021	25,580
1984	Wet	18,450	54,755	76,377	47,267	33,677	33,966	13,084	11,872	13,920	23,827	16,065	26,847
1985	Dry	11,535	25,127	21,402	13,886	15,038	13,071	12,603	10,954	13,056	19,847	14,321	15,324
1986	Wet	11,268	12,488	17,147	22,420	77,014	70,806	18,191	12,247	12,485	21,064	15,457	23,855
1987	Dry	11,490	12,619	14,717	13,808	19,566	22,861	9,275	10,701	13,502	13,292	8,655	8,566
1988	Critical	7,753	7,725	18,031	25,416	13,668	7,491	11,162	9,310	10,830	15,067	10,023	6,502
1989	Dry	6,471	9,874	10,266	12,392	9,011	45,580	21,515	13,744	13,855	19,926	12,774	14,227
1990	Critical	10,124	9,012	12,039	18,885	13,697	12,010	11,158	7,830	8,133	17,888	9,367	7,867
1991	Critical	6,210	6,319	7,402	7,639	9,407	29,194	11,765	7,090	9,689	16,619	9,082	6,633
1992	Critical	6,534	6,620	7,008	10,734	28,447	18,641	11,101	9,196	13,702	11,883	10,358	6,969
1993	Above Normal	7,798	6,569	13,604	46,739	48,112	38,919	37,583	27,952	25,568	19,714	16,527	22,968
1994	Critical	12,975	14,371	15,122	13,083	21,928	11,360	11,968	9,394	8,385	19,574	13,671	10,023
1995	Wet	7,647	8,194	15,680	63,233	49,140	77,552	50,477	58,339	37,623	16,672	17,473	23,889
1996	Wet	14,949	15,178	23,168	42,509	71,994	57,379	33,111	40,961	14,995	21,765	15,849	31,448
1997	Wet	11,617	17,576	50,306	78,291	51,915	22,184	16,270	12,060	12,613	24,526	16,166	29,129
1998	Wet	12,017	17,636	18,887	27,527	68,082	60,623	45,541	43,093	61,226	22,769	19,756	26,147
1999	Wet	16,185	26,911	34,938	38,605	60,760	54,740	23,000	18,331	16,642	22,020	16,118	26,210
2000	Above Normal	11,430	18,407	14,459	21,522	62,001	48,471	18,095	15,789	12,380	22,358	16,955	22,307
2001	Dry	9,566	14,043	14,454	16,597	23,949	22,218	11,431	9,145	13,467	17,503	9,227	9,448
2002	Dry	7,364	10,126	28,720	43,391	18,182	19,207	16,012	11,896	10,764	20,240	13,566	14,124
2003	Above Normal	7,944	9,606	36,450	56,400	25,078	22,347	24,563	40,509	14,680	23,894	17,293	22,982

Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 3 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	-2	0	20	0	-8	1	1	0	-11	0
1924	Critical	-12	0	0	0	-1	0	0	-7	0	2	0	2
1925	Dry	0	-6	-4	-3	-1	-3	-3	0	0	-1	9	3
1926	Dry	3	3	-2	-2	-9	-1	-2	0	0	0	-2	-23
1927	Wet	0	-3	-3	-2	-2	-2	-2	-2	0	0	0	0
1928	Above Normal	0	-1	-1	-2	-2	-5	-1	0	0	-1	0	0
1929	Critical	0	-2	-2	-1	-1	-1	0	0	0	0	0	0
1930	Dry	0	0	-3	-2	-2	-1	0	0	0	-2	-1	0
1931	Critical	0	0	-2	-1	-1	-1	0	0	0	-8	-1	0
1932	Dry	0	-8	-8	-6	-4	25	0	0	0	-2	5	0
1933	Critical	0	0	-7	-5	-5	-4	0	0	0	-15	-6	0
1934	Critical	0	0	-9	-7	-7	-4	3	-403	-6	-7	-126	27
1935	Below Normal	20	-6	-6	-6	-6	-6	-4	-1	0	1	4	3
1936	Below Normal	-176	0	12	-18	523	-8	-4	0	0	-2	1	0
1937	Below Normal	-1	0	0	-4	-3	-4	-4	0	73	-7	0	-1
1938	Wet	-81	-64	-2	-5	0	0	-2	-3	0	0	1	-1
1939	Dry	-12	9	158	-17	-9	1	606	3	20	49	-145	-694
1940	Above Normal	0	-13	-52	21	155	2	-5	0	0	-28	-1	119
1941	Wet	5	222	492	19	-2	0	0	-1	0	0	0	-3
1942	Wet	83	288	-78	1	0	-1	-2	-2	0	0	0	0
1943	Wet	-1	-28	4	-5	-1	-1	0	3	0	14	0	116
1944	Dry	-208	135	1	-4	-3	-2	0	0	0	-78	80	11
1945	Below Normal	0	0	1	1	-5	-2	1	1	0	1	1	0
1946	Below Normal	-28	97	-2	3	0	-1	0	-108	177	-107	44	198
1947	Dry	-54	0	-3	0	-49	-147	4	5	0	0	64	-7
1948	Below Normal	-90	0	-2	-1	21	-1	0	1	-24	-4	1	0
1949	Dry	2	-38	-1	-1	-1	-2	0	0	0	0	-11	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	-1	0	0
1951	Above Normal	0	-27	0	-1	-1	-1	0	0	0	-2	0	36
1952	Wet	0	1	3	-1	-17	3	0	4	9	10	-1	-19
1953	Wet	-22	1,911	-1,353	-340	10	-3	0	2	-7	6	5	5
1954	Above Normal	-57	-71	295	112	30	-277	1	-3	-7	-5	0	0
1955	Dry	-45	24	-1	0	31	-1	0	0	2	3	-2	269
1956	Wet	-194	1	-10	0	0	-1	-1	-1	0	0	0	0
1957	Above Normal	0	0	0	-1	-1	-4	0	-1	0	0	0	0
1958	Wet	-2	-1	-1	-1	0	0	0	-1	-1	2	0	-54
1959	Below Normal	31	1,480	0	8	-309	-8	0	0	0	-6	0	102
1960	Dry	22	-23	-2	-3	-2	-2	2	1	0	0	0	-7
1961	Dry	-14	0	-90	2	-2	0	0	0	0	0	-15	-1
1962	Below Normal	7	0	-16	0	9	0	0	0	0	2	0	0
1963	Wet	-4	-1	-1	-1	2	-1	0	-1	0	0	0	0
1964	Dry	0	-8	0	1	-1	-1	1	0	0	0	2	2
1965	Wet	-4	-2	-2	0	-1	1	5	0	0	1	1	2
1966	Below Normal	1	-77	1	-2	-1	109	21	0	0	8	0	-7
1967	Wet	0	-5	-17	0	-1	1	-1	-1	-1	0	0	266
1968	Below Normal	-3	1,791	0	-92	-1,293	31	0	0	0	-3	0	0
1969	Wet	11	-3	-2	-6	0	-1	-1	-1	0	339	500	-6
1970	Wet	68	-70	27	0	0	-1	0	0	2	-2	-1	340
1971	Wet	-4	-31	-59	1	-1	-172	1	0	0	-11	0	0
1972	Below Normal	0	9	-1	0	-1	-1	0	0	0	0	0	3
1973	Above Normal	0	-5	-1	0	0	0	0	0	0	-6	0	367
1974	Wet	0	-161	0	0	0	0	0	0	0	1	0	0
1975	Wet	-1	-115	0	-2	25	23	-2	0	0	0	0	0
1976	Critical	-1	28	0	-1	0	0	0	0	0	-15	14	-2
1977	Critical	0	-2	-2	4	-6	0	0	-2	-3	-1	-44	0
1978	Above Normal	0	0	-2	-1	-3	1	-1	-2	3	3	5	45
1979	Below Normal	41	2,721	-1,585	59	-574	17	46	1	-3	-216	-10	-1
1980	Above Normal	-576	-1,265	35	543	-4	-8	-2	-3	-2	-20	-20	-299
1981	Dry	-9	-99	0	0	4	530	-2	2	10	10	166	139
1982	Wet	64	-349	108	-1	1	-1	0	0	0	3	0	0
1983	Wet	-10	-1	0	0	0	0	-1	-1	-1	-1	-1	-1
1984	Wet	-1	-1	0	-1	-1	-3	-1	0	0	-1	0	0
1985	Dry	0	-9	-2	-2	-2	-1	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	0	0	-1	0	0	0	0	0
1987	Dry	0	119	-4	2	0	0	1	0	0	50	146	-9
1988	Critical	0	0	-1	-1	0	0	0	0	1	-60	-2	1
1989	Dry	0	-7	-7	-7	-1	7	0	-1	0	-1	-83	-120
1990	Critical	10	-1	2	-1	-1	-1	0	0	1	1	-734	1,067
1991	Critical	0	0	24	17	13	13	13	13	0	8	24	-3
1992	Critical	0	0	-6	-4	-3	-3	0	0	-1	-57	-10	-25
1993	Above Normal	-10	0	-2	0	-2	9	5	-91	20	0	0	0
1994	Critical	0	-30	95	-6	-2	-1	0	0	1	0	-33	2
1995	Wet	8	-4	-6	-16	-15	0	-3	-1	-2	-156	7	1
1996	Wet	-4	2,361	-377	-137	-233	13	-7	-3	0	1	1	0
1997	Wet	-186	10	76	0	-1	-2	0	0	-159	0	0	0
1998	Wet	14	-17	0	4	13	0	-2	-1	-1	-1	-1	-1
1999	Wet	-1	-1	-2	-1	0	-1	-2	-1	3	-11	0	2
2000	Above Normal	8	7	5	-6	-3	0	-2	-1	0	-2	1	0
2001	Dry	-6	-2	-69	-3	-2	-2	0	0	0	82	-23	0
2002	Dry	0	-2	-2	-3	-2	-1	0	0	0	0	-53	101
2003	Above Normal	0	0	-31	-14	-1	-1	-1	-1	0	2	0	-3

Percent Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	7%	0%	0%	0%	-1%	-6%
1940	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1941	Wet	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	-1%	2%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1956	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	12%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	4%	0%
1970	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	20%	-11%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%
1980	Above Normal	-5%	-9%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1981	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	16%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	18%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

X2 Position (Node X2_PRV)
Future No Action (km)
SAC

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	85	75	71	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	81	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	91	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	50	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	91	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	70	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	56	69	84	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	51	58	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	52	50	53	60	69	78	84	81
1979	Below Normal	81	81	83	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	85	79	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	87	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	90	92
1991	Critical	93	94	93	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	62	74	74
1996	Wet	74	75	69	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	61	70	70
1999	Wet	74	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

X2 Position (Node X2_PRV)
Alternative 3 (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	87	77	72	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	80	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	92	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	51	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	90	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	71	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	57	70	85	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	52	59	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	53	50	53	61	69	78	84	81
1979	Below Normal	81	81	84	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	87	81	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	88	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	89	91
1991	Critical	93	94	92	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	63	75	74
1996	Wet	74	75	70	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	62	71	70
1999	Wet	73	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

Change in X2 Position (Node X2_PRV)
Alternative 3 - Future No Action (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	3	2	0	0	0	0	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	0	0	1	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	1	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	1	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	1	1	0	0	0
1979	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Above Normal	0	3	2	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	n/a

Percent Change in X2 Position (Node X2_PRV)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1968	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1979	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	n/a

CalSim II Modeling Attachment: Alternative Plan 4, Future Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,266	790	1,165	350	350	350	350	467	350	432	420
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	120
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	810
1936	Above Normal	1,127	2,963	350	350	350	350	350	350	467	350	350	1,283
1937	Wet	2,546	4,653	1,732	1,436	350	350	350	350	467	396	525	2,309
1938	Wet	4,163	8,000	7,726	5,073	1,223	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	1,878
1941	Wet	1,237	3,249	2,919	2,000	350	350	350	350	467	350	423	510
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	1,095	653
1943	Wet	2,804	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	1,997
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	419	516	364
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	351
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	3,217	1,240	745
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	415
1952	Wet	2,409	4,585	3,270	3,518	350	350	350	350	467	350	387	367
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	2,209	4,271	743
1956	Wet	1,062	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	4,451	3,187	2,810	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	437
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	521	899
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	415	375
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	497
1967	Wet	1,016	4,571	2,952	3,259	3,869	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	1,982	3,696
1969	Wet	3,944	8,307	8,193	7,441	1,758	350	350	350	467	350	436	362
1970	Above Normal	1,044	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	829	350	350	350	350	467	350	1,111	411
1974	Wet	1,069	3,249	605	813	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	2,422
1978	Wet	2,396	4,687	4,483	4,671	1,726	350	350	350	467	350	432	385
1979	Above Normal	1,218	2,908	350	350	350	350	350	350	467	350	2,557	3,692
1980	Wet	2,014	3,249	2,207	2,472	413	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	653
1982	Wet	1,085	5,642	4,746	3,119	350	350	350	1,317	1,640	3,444	3,668	3,697
1983	Wet	5,411	8,381	7,457	8,542	5,367	350	350	350	923	3,125	900	371
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	4,293
1986	Wet	4,374	3,269	2,000	2,430	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	359
1993	Wet	1,143	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	365	752
1995	Wet	3,488	5,007	4,976	3,448	6,421	350	350	350	467	350	350	350
1996	Wet	2,394	3,249	614	614	350	350	350	350	467	1,755	10,325	2,293
1997	Wet	1,072	3,249	2,000	2,000	350	350	350	350	467	350	350	1,697
1998	Wet	1,682	4,452	3,025	5,009	5,120	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,075	3,311	889	1,078	668	599	494	490	601	500	366	427
1923	Above Normal	1,075	2,555	448	633	663	595	492	487	599	497	526	423
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,031	2,002	375	421	429	412	386	385	500	387	394	369
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,075	3,311	479	668	668	599	494	490	601	500	529	424
1928	Below Normal	1,051	1,378	408	517	535	494	434	431	545	437	454	395
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,075	3,311	533	722	668	599	494	490	601	500	529	427
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,071	3,185	442	618	647	582	485	480	592	490	517	419
1936	Above Normal	1,075	3,024	449	638	668	599	494	490	601	500	350	350
1937	Wet	1,075	3,249	645	908	668	599	494	490	601	350	350	667
1938	Wet	2,234	5,957	4,899	3,587	1,158	460	464	460	581	460	460	350
1939	Dry	1,016	859	442	617	645	581	484	480	591	489	516	419
1940	Above Normal	1,072	3,085	443	621	650	584	486	482	593	440	350	363
1941	Wet	1,075	3,311	2,099	2,288	668	599	494	490	601	444	350	427
1942	Wet	1,075	3,311	673	961	668	599	494	490	601	500	350	427
1943	Wet	1,075	3,311	540	729	668	599	494	490	601	500	529	424
1944	Below Normal	1,055	1,635	415	537	557	512	444	441	554	447	467	400
1945	Above Normal	1,075	3,311	638	827	668	599	494	490	601	500	529	427
1946	Above Normal	1,074	2,731	446	630	659	592	490	486	597	495	524	425
1947	Dry	1,033	1,296	378	432	441	421	391	390	505	393	401	371
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,022	1,703	360	379	382	375	365	364	481	350	350	358
1951	Above Normal	1,075	3,037	449	638	668	599	494	490	601	500	529	374
1952	Wet	1,075	3,249	2,000	2,017	460	460	464	460	581	460	460	350
1953	Below Normal	1,016	1,564	441	613	641	577	482	478	589	487	514	420
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,099	2,288	668	599	494	490	601	500	529	427
1957	Below Normal	1,070	1,790	441	613	641	577	482	478	590	487	514	420
1958	Wet	1,075	3,311	2,000	2,114	460	460	464	460	581	460	460	350
1959	Dry	1,016	899	380	436	445	424	393	392	507	395	404	372
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,073	3,188	446	627	656	590	489	485	596	494	523	424
1963	Above Normal	1,075	3,240	449	638	668	599	494	490	601	500	529	424
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,075	3,311	793	982	668	599	494	490	601	500	529	427
1966	Below Normal	1,061	1,716	424	566	589	537	458	455	568	462	485	408
1967	Wet	1,075	3,249	2,000	2,000	460	460	464	460	508	460	460	350
1968	Dry	1,016	636	437	603	629	568	477	473	585	481	350	1,659
1969	Wet	2,405	6,062	5,176	5,216	1,683	460	464	460	581	460	350	350
1970	Above Normal	1,016	2,064	449	638	668	599	494	490	601	500	529	427
1971	Below Normal	1,053	1,978	412	531	550	507	441	438	551	444	463	397
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,074	3,309	530	715	662	594	491	487	598	497	526	425
1974	Wet	1,075	3,311	699	888	668	599	494	490	601	500	529	427
1975	Wet	1,075	2,888	448	634	664	596	493	488	599	498	527	423
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,114	859	460	464	460	581	460	460	350
1979	Above Normal	1,016	2,970	449	638	668	599	494	490	601	500	350	350
1980	Wet	1,016	3,249	2,099	2,288	668	599	494	490	601	500	529	427
1981	Dry	1,071	1,206	441	615	643	579	483	479	590	488	515	421
1982	Wet	1,075	3,249	2,000	2,114	460	460	464	460	467	2,683	3,515	3,668
1983	Wet	4,562	7,651	7,802	8,550	5,281	460	464	350	895	3,100	875	350
1984	Above Normal	1,017	3,311	534	723	668	599	494	490	601	500	529	427
1985	Dry	1,052	1,324	410	524	542	500	437	434	548	440	458	396
1986	Wet	1,016	3,249	2,000	2,288	668	599	494	490	601	500	529	427
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,075	3,311	2,099	2,288	668	599	494	490	601	500	529	427
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,075	3,249	2,000	2,288	5,919	599	494	490	601	500	529	424
1996	Wet	1,075	3,311	713	902	668	599	494	490	601	500	4,711	1,234
1997	Wet	1,082	3,311	2,099	2,288	668	599	494	490	601	500	529	427
1998	Wet	1,075	3,249	2,000	2,000	2,178	460	464	460	581	440	460	350
1999	Above Normal	1,016	2,255	449	638	668	599	494	490	601	500	529	424
2000	Above Normal	1,072	2,758	443	619	647	582	485	480	592	490	517	422
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,036	2,033	383	446	456	433	398	n/a	n/a	n/a	n/a	n/a

Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	59	45	99	-87	318	249	144	140	134	150	-66	6
1923	Above Normal	59	60	98	283	313	245	142	137	132	147	176	73
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	15	15	25	71	79	62	36	35	33	37	44	19
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	59	61	99	288	318	249	144	140	134	150	179	74
1928	Below Normal	35	36	58	167	185	144	84	81	78	87	104	45
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-10
1932	Above Normal	59	61	99	288	318	249	144	140	134	150	179	77
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	55	57	92	268	297	232	135	130	125	140	167	-391
1936	Above Normal	-52	61	99	288	318	249	144	140	134	150	0	-933
1937	Wet	-1,470	-1,403	-1,087	-529	318	249	144	140	134	-46	-175	-1,642
1938	Wet	-1,929	-2,043	-2,827	-1,486	-66	110	114	110	114	110	110	0
1939	Dry	0	57	92	267	295	231	134	130	124	139	166	69
1940	Above Normal	56	58	93	271	300	234	136	132	126	90	0	-1,515
1941	Wet	-162	61	-820	288	318	249	144	140	134	94	-73	-83
1942	Wet	59	61	0	288	318	249	144	140	134	150	-745	-226
1943	Wet	-1,729	61	99	288	318	249	144	140	134	150	179	74
1944	Below Normal	39	40	65	187	207	162	94	91	87	97	117	-1,597
1945	Above Normal	59	61	99	288	318	249	144	140	134	80	13	63
1946	Above Normal	58	60	96	280	309	242	140	136	130	145	174	73
1947	Dry	17	18	28	82	91	71	41	40	38	43	51	21
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	6	6	10	29	32	25	15	14	14	-2,867	-890	-387
1951	Above Normal	59	61	99	288	318	249	144	140	134	150	179	-41
1952	Wet	-1,333	-1,336	-1,270	-1,501	110	110	114	110	114	110	73	-17
1953	Below Normal	0	56	91	263	291	227	132	128	122	137	164	70
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	-1,859	-3,921	-393
1956	Wet	-46	0	99	288	318	249	144	140	134	150	179	77
1957	Below Normal	54	56	91	263	291	227	132	128	123	137	164	70
1958	Wet	59	-1,141	-1,187	-696	110	110	114	110	114	110	110	0
1959	Dry	0	18	30	86	95	74	43	42	40	45	54	22
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	57	59	96	277	306	240	139	135	129	144	173	-13
1963	Above Normal	59	61	99	288	318	249	144	140	134	150	179	74
1964	Dry	0	0	0	0	0	0	0	0	0	0	-171	-549
1965	Wet	59	61	99	288	318	249	144	140	134	150	115	52
1966	Below Normal	45	46	74	216	239	187	108	105	101	112	135	-89
1967	Wet	59	-1,322	-952	-1,259	-3,409	110	114	110	41	110	110	0
1968	Dry	0	54	87	253	279	218	127	123	118	131	-1,632	-2,036
1969	Wet	-1,539	-2,244	-3,016	-2,225	-75	110	114	110	114	110	-86	-12
1970	Above Normal	-28	61	99	288	318	249	144	140	134	150	179	77
1971	Below Normal	37	39	62	181	200	157	91	88	84	94	113	47
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	58	60	97	-114	312	244	141	137	131	147	-585	15
1974	Wet	6	61	94	74	318	249	144	140	134	150	179	77
1975	Wet	59	61	98	284	314	246	143	138	132	148	177	73
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2,322
1978	Wet	-1,380	-1,438	-2,483	-2,558	-867	110	114	110	114	110	28	-35
1979	Above Normal	-202	61	99	288	318	249	144	140	134	150	-2,207	-3,342
1980	Wet	-998	0	-107	-185	255	249	144	140	134	150	179	77
1981	Dry	55	57	91	265	293	229	133	129	123	138	165	-233
1982	Wet	-9	-2,393	-2,746	-1,005	110	110	114	-857	-1,173	-761	-153	-29
1983	Wet	-849	-730	346	7	-86	110	114	0	-28	-25	-25	-21
1984	Above Normal	1	61	99	288	318	249	144	140	134	150	179	77
1985	Dry	36	37	60	174	192	150	87	84	81	90	108	-3,896
1986	Wet	-3,358	-20	0	-142	318	249	144	140	134	150	179	77
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-9
1993	Wet	-68	61	99	288	318	249	144	140	134	150	179	77
1994	Critical	0	0	0	0	0	0	0	0	0	0	-15	-402
1995	Wet	-2,412	-1,758	-2,976	-1,161	-502	249	144	140	134	150	179	74
1996	Wet	-1,318	61	99	288	318	249	144	140	134	-1,255	-5,615	-1,059
1997	Wet	10	61	99	288	318	249	144	140	134	150	179	-1,270
1998	Wet	-606	-1,202	-1,025	-3,009	-2,942	110	114	110	114	90	110	0
1999	Above Normal	0	61	99	288	318	249	144	140	134	150	179	74
2000	Above Normal	56	57	93	269	297	232	135	130	125	140	167	72
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	20	21	33	96	106	83	48	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	6%	1%	13%	-8%	91%	71%	41%	40%	29%	43%	-15%	2%
1923	Above Normal	6%	2%	28%	81%	89%	70%	41%	39%	28%	42%	50%	21%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	1%	1%	7%	20%	23%	18%	10%	10%	7%	11%	13%	5%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	6%	2%	26%	76%	91%	71%	41%	40%	29%	43%	51%	21%
1928	Below Normal	3%	3%	16%	48%	53%	41%	24%	23%	17%	25%	30%	13%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%
1932	Above Normal	6%	2%	23%	66%	91%	71%	41%	40%	29%	43%	51%	22%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	5%	2%	26%	77%	85%	66%	38%	37%	27%	40%	48%	-48%
1936	Above Normal	-5%	2%	28%	82%	91%	71%	41%	40%	29%	43%	0%	-73%
1937	Wet	-58%	-30%	-63%	-37%	91%	71%	41%	40%	29%	-12%	-33%	-71%
1938	Wet	-46%	-26%	-37%	-29%	-5%	31%	32%	31%	24%	31%	31%	0%
1939	Dry	0%	7%	26%	76%	84%	66%	38%	37%	27%	40%	48%	20%
1940	Above Normal	6%	2%	27%	77%	86%	67%	39%	38%	27%	26%	0%	-81%
1941	Wet	-13%	2%	-28%	14%	91%	71%	41%	40%	29%	27%	-17%	-16%
1942	Wet	6%	2%	0%	43%	91%	71%	41%	40%	29%	43%	-68%	-35%
1943	Wet	-62%	2%	22%	65%	91%	71%	41%	40%	29%	43%	51%	21%
1944	Below Normal	4%	3%	18%	54%	59%	46%	27%	26%	19%	28%	33%	-80%
1945	Above Normal	6%	2%	18%	53%	91%	71%	41%	40%	29%	19%	3%	17%
1946	Above Normal	6%	2%	28%	80%	88%	69%	40%	39%	28%	42%	50%	21%
1947	Dry	2%	1%	8%	23%	26%	20%	12%	11%	8%	12%	15%	6%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	1%	0%	3%	8%	9%	7%	4%	4%	3%	-89%	-72%	-52%
1951	Above Normal	6%	2%	28%	82%	91%	71%	41%	40%	29%	43%	51%	-10%
1952	Wet	-55%	-29%	-39%	-43%	31%	31%	32%	31%	24%	31%	19%	-5%
1953	Below Normal	0%	4%	26%	75%	83%	65%	38%	36%	26%	39%	47%	20%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-84%	-92%	-53%
1956	Wet	-4%	0%	5%	14%	91%	71%	41%	40%	29%	43%	51%	22%
1957	Below Normal	5%	3%	26%	75%	83%	65%	38%	36%	26%	39%	47%	20%
1958	Wet	6%	-26%	-37%	-25%	31%	31%	32%	31%	24%	31%	31%	0%
1959	Dry	0%	2%	8%	25%	27%	21%	12%	12%	9%	13%	15%	6%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	6%	2%	27%	79%	88%	68%	40%	38%	28%	41%	49%	-3%
1963	Above Normal	6%	2%	28%	82%	91%	71%	41%	40%	29%	43%	51%	21%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	-61%
1965	Wet	6%	2%	14%	41%	91%	71%	41%	40%	29%	43%	28%	14%
1966	Below Normal	4%	3%	21%	62%	68%	53%	31%	30%	22%	32%	38%	-18%
1967	Wet	6%	-29%	-32%	-39%	-88%	31%	32%	31%	9%	31%	31%	0%
1968	Dry	0%	9%	25%	72%	80%	62%	36%	35%	25%	38%	-82%	-55%
1969	Wet	-39%	-27%	-37%	-30%	-4%	31%	32%	31%	24%	31%	-20%	-3%
1970	Above Normal	-3%	3%	28%	82%	91%	71%	41%	40%	29%	43%	51%	22%
1971	Below Normal	4%	2%	18%	52%	57%	45%	26%	25%	18%	27%	32%	13%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	6%	2%	22%	-14%	89%	70%	40%	39%	28%	42%	-53%	4%
1974	Wet	1%	2%	15%	9%	91%	71%	41%	40%	29%	43%	51%	22%
1975	Wet	6%	2%	28%	81%	90%	70%	41%	39%	28%	42%	51%	21%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-96%
1978	Wet	-58%	-31%	-55%	-55%	-50%	31%	32%	31%	24%	31%	7%	-9%
1979	Above Normal	-17%	2%	28%	82%	91%	71%	41%	40%	29%	43%	-86%	-91%
1980	Wet	-50%	0%	-5%	-7%	62%	71%	41%	40%	29%	43%	51%	22%
1981	Dry	5%	5%	26%	76%	84%	65%	38%	37%	26%	39%	47%	-36%
1982	Wet	-1%	-42%	-58%	-32%	31%	31%	32%	-65%	-72%	-22%	-4%	-1%
1983	Wet	-16%	-9%	5%	0%	-2%	31%	32%	0%	-3%	-1%	-3%	-6%
1984	Above Normal	0%	2%	23%	66%	91%	71%	41%	40%	29%	43%	51%	22%
1985	Dry	4%	3%	17%	50%	55%	43%	25%	24%	17%	26%	31%	-91%
1986	Wet	-77%	-1%	0%	-6%	91%	71%	41%	40%	29%	43%	51%	22%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Wet	-6%	2%	5%	14%	91%	71%	41%	40%	29%	43%	51%	22%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	-53%
1995	Wet	-69%	-35%	-60%	-34%	-8%	71%	41%	40%	29%	43%	51%	21%
1996	Wet	-55%	2%	16%	47%	91%	71%	41%	40%	29%	-72%	-54%	-46%
1997	Wet	1%	2%	5%	14%	91%	71%	41%	40%	29%	43%	51%	-75%
1998	Wet	-36%	-27%	-34%	-60%	-57%	31%	32%	31%	24%	26%	31%	0%
1999	Above Normal	0%	3%	28%	82%	91%	71%	41%	40%	29%	43%	51%	21%
2000	Above Normal	5%	2%	26%	77%	85%	66%	38%	37%	27%	40%	48%	20%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	2%	1%	9%	27%	30%	24%	14%	n/a	n/a	n/a	n/a	n/a

Simulated Merced River Inflow to San Joaquin River (Node C566)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	47	37	95
1931	Critical	276	385	372	382	408	296	131	100	105	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,506	241	149	519	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	464	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,441	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	282	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	570	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	75	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	75	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	56	10
1992	Critical	272	289	297	291	352	298	203	143	146	99	81	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	51	37	95
1931	Critical	276	385	372	382	408	296	131	100	108	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,505	241	149	520	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	463	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,440	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	283	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	569	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	79	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	76	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	60	10
1992	Critical	272	289	297	291	352	298	203	143	146	102	84	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1931	Critical	0	0	0	0	0	0	0	0	3	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	1	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	1	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	4	0
1992	Critical	0	0	0	0	0	0	0	0	0	3	4	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	5%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,880	3,099	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,530	2,173	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,040	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,405	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,989	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,935	4,272	5,182	4,021	1,218	701	871	922
1938	Wet	667	1,293	3,806	3,052	13,217	16,013	11,079	13,008	9,495	2,492	1,269	1,098
1939	Dry	1,129	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,307	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	8,353	4,858	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	968	1,331	2,286	2,617	3,270	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	4,657	3,334	8,267	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	6,284	3,309	3,683	1,343	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	7,344	4,036	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,846	2,608	6,084	5,472	7,780	6,131	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,104	817	380	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	5,613	10,132	4,979	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,796	5,654	4,595	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,042	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,515	1,485	1,647	4,411	1,486	983	1,300	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	9,472	7,207	7,298	6,063	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	7,133	16,211	10,932	13,963	16,023	13,339	3,068	1,312	1,206
1970	Above Normal	1,108	1,251	1,017	5,487	2,378	2,751	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	3,045	1,714	2,986	4,137	2,598	956	913	1,102	1,048
1975	Wet	910	1,144	950	789	3,412	3,187	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,172	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	5,873	6,183	9,244	6,704	6,772	2,700	1,353	1,890
1979	Above Normal	706	1,294	965	2,495	3,656	3,882	3,482	1,745	500	278	874	902
1980	Wet	943	1,069	916	8,391	11,822	7,805	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,172	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,821	14,763	9,584	3,755	2,354	1,466	1,740
1983	Wet	1,666	5,161	11,180	14,179	17,603	22,576	14,744	13,742	17,787	11,028	2,542	1,674
1984	Above Normal	1,903	5,420	9,997	5,988	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	11,528	13,205	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,178	2,490	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,515	2,015	10,379	7,640	10,024	7,234	9,188	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,683	4,036	2,451	671	511	979	957
1997	Wet	861	2,152	9,139	32,086	8,783	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	11,880	5,705	9,076	7,257	11,979	9,052	1,556	1,248
1999	Above Normal	986	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,772	3,248	2,887	1,896	372	151	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,884	3,091	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,341	2,131	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,038	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,404	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,862	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,104	4,014	4,058	3,214	1,218	701	871	922
1938	Wet	667	1,293	3,806	2,941	11,555	14,171	9,138	10,323	8,131	2,492	1,269	1,098
1939	Dry	1,238	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,307	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	7,069	4,854	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	1,034	1,331	2,286	2,612	3,109	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	3,945	3,384	6,793	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	5,240	3,309	3,683	1,344	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	4,524	3,269	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,712	2,622	6,015	5,050	6,795	4,963	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,103	818	379	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	4,072	6,488	4,725	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,422	5,654	4,594	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,043	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,503	1,485	1,647	4,411	1,486	983	1,299	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	8,885	6,521	6,356	4,231	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	5,520	14,097	9,471	11,831	13,157	11,225	2,950	1,312	1,206
1970	Above Normal	1,140	1,251	1,017	5,481	2,378	2,702	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	2,628	1,714	2,986	4,137	2,598	955	913	1,102	1,047
1975	Wet	910	1,144	950	789	3,412	3,146	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,170	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	4,120	4,985	7,983	4,568	5,891	2,700	1,352	1,890
1979	Above Normal	706	1,294	965	2,495	3,529	3,712	3,482	1,745	499	277	874	902
1980	Wet	943	1,069	916	6,247	8,053	6,838	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,239	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,663	12,531	7,199	3,755	2,354	1,466	1,740
1983	Wet	1,666	4,140	10,119	13,219	17,537	21,806	14,838	14,070	17,794	11,004	2,542	1,674
1984	Above Normal	1,903	5,392	9,971	5,962	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	8,071	9,929	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,177	2,482	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,514	2,015	8,676	6,167	7,418	7,010	8,475	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,520	4,036	2,450	671	511	979	957
1997	Wet	861	2,105	7,179	26,121	7,699	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	10,789	5,189	8,074	6,495	9,351	6,319	1,556	1,248
1999	Above Normal	1,049	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,541	3,157	2,887	1,896	372	150	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-7	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-127	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-831	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,662	-1,842	-1,941	-2,686	-1,364	0	0	0
1939	Dry	109	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	-1,284	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-711	50	-1,473	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-134	14	-68	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-374	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-587	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-2,114	-1,462	-2,132	-2,865	-2,114	-119	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	-40	0	0	0	0	0	0
1976	Critical	0	-3	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,135	-881	0	0	0
1979	Above Normal	0	0	0	0	-127	-169	0	0	0	-1	0	0
1980	Wet	0	0	0	-2,144	-3,769	-967	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-1,062	-960	-66	-770	94	328	7	-23	0	0
1984	Above Normal	0	-28	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,276	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,703	-1,472	-2,605	-225	-713	0	0
1996	Wet	0	0	0	0	0	-163	0	0	0	0	0	0
1997	Wet	0	-47	-1,960	-5,965	-1,084	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,091	-516	-1,002	-762	-2,628	-2,733	0	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-7%	-2%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-	-	2056%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	-	0%	-	-	-	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-8%	-6%	-22%	-20%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-4%	-13%	-12%	-18%	-21%	-14%	0%	0%	0%
1939	Dry	10%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	7%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-15%	2%	-18%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-38%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-3%	1%	-1%	-8%	-13%	-19%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-27%	-36%	-5%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-20%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-6%	-10%	-13%	-30%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-23%	-13%	-13%	-15%	-18%	-16%	-4%	0%	0%
1970	Above Normal	3%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-53%	1727%	0%
1978	Wet	0%	0%	0%	0%	-30%	-19%	-14%	-32%	-13%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-3%	-4%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-26%	-32%	-12%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-3%	-15%	-25%	0%	0%	0%	0%
1983	Wet	0%	-20%	-9%	-7%	0%	-3%	1%	2%	0%	0%	0%	0%
1984	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-30%	-25%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-80%	173%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	15%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-16%	-19%	-26%	-3%	-8%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-21%	-19%	-12%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-9%	-9%	-11%	-10%	-22%	-30%	0%	0%
1999	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-4%	-3%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,766	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,765	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,565	3,732	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,470	4,094	2,342	6,391	2,666	1,526	911	1,553	1,809
1924	Critical	1,666	1,672	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,238	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,386	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,931	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,664	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	13,482	8,736	8,692	5,591	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,626	20,292	23,793	16,585	18,515	13,968	6,255	1,935	1,799
1939	Dry	2,120	2,028	1,559	1,536	2,102	3,176	2,781	1,898	686	484	564	1,119
1940	Above Normal	1,184	1,580	1,366	2,741	3,230	5,533	7,543	3,176	1,211	827	1,132	1,504
1941	Wet	1,441	1,644	3,207	3,517	13,328	9,745	9,719	6,656	5,737	4,529	1,867	1,650
1942	Wet	1,775	1,933	2,928	5,741	6,668	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,916	6,554	14,460	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	8,044	7,240	6,029	2,861	1,488	1,755	1,707	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	10,519	7,757	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,693	3,184	9,891	10,148	12,937	10,603	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	715	669	1,011
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,586	2,092	908	579	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	6,054	16,267	9,111	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,966	10,614	9,737	4,635	1,963	1,915
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,182	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,356	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	813	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,232	4,991	4,746	7,626	2,760	1,404	1,907	2,269	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	14,048	11,197	13,847	12,642	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	8,069	21,630	14,824	19,140	22,906	20,936	6,956	1,866	1,808
1970	Above Normal	2,399	2,014	2,083	11,444	4,927	5,814	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,870	3,432	6,779	6,838	4,046	4,328	2,030	1,668	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,837	5,878	3,080	5,556	2,566	1,786	1,630
1976	Critical	2,812	2,011	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	6,423	6,763	10,782	8,209	8,780	3,184	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	7,121	8,145	5,601	7,433	1,043	884	1,583	1,519
1980	Wet	1,669	1,883	1,793	11,284	18,547	11,589	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	1,974	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,406	24,018	16,039	8,664	6,107	2,153	4,169
1983	Wet	4,924	8,272	16,480	19,422	24,291	38,665	19,873	21,715	22,171	17,368	5,492	3,830
1984	Above Normal	2,945	10,865	17,433	10,118	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	13,646	21,223	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	840	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	714	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,660	2,797	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,034	2,169	17,853	12,414	19,605	12,403	17,601	3,620	1,880
1996	Wet	1,547	1,668	1,353	2,047	10,656	8,570	6,919	5,177	3,803	1,371	1,551	1,592
1997	Wet	1,571	2,572	15,392	49,782	12,465	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	18,989	10,768	13,011	12,883	19,040	15,862	2,168	1,880
1999	Above Normal	2,068	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,300	6,957	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	383	484	867

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,570	3,724	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,281	4,052	2,342	6,391	2,666	1,526	910	1,552	1,809
1924	Critical	1,666	1,671	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,237	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,385	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,930	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,537	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	12,651	8,478	7,569	4,784	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,515	18,630	21,951	14,644	15,829	12,604	6,255	1,935	1,799
1939	Dry	2,229	2,028	1,559	1,536	2,102	3,176	2,780	1,897	685	482	562	1,118
1940	Above Normal	1,184	1,580	1,366	2,741	3,229	5,533	7,543	3,176	1,211	828	1,133	1,504
1941	Wet	1,441	1,644	3,207	3,516	12,044	9,742	9,719	6,656	5,737	4,528	1,867	1,650
1942	Wet	1,842	1,933	2,928	5,736	6,507	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,204	6,605	12,987	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	7,001	7,240	6,029	2,860	1,488	1,754	1,706	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	7,699	6,989	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,558	3,198	9,822	9,726	11,952	9,435	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	714	668	1,010
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,587	2,092	908	580	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	4,514	12,623	8,857	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,592	10,613	9,736	4,633	1,961	1,914
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,183	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,357	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	812	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,220	4,991	4,746	7,626	2,760	1,404	1,907	2,268	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	13,461	10,511	12,904	10,810	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	6,456	19,516	13,362	17,008	20,041	18,822	6,838	1,866	1,808
1970	Above Normal	2,432	2,014	2,083	11,438	4,927	5,765	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,453	3,432	6,779	6,838	4,045	4,327	2,029	1,667	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,796	5,878	3,080	5,556	2,566	1,787	1,630
1976	Critical	2,812	2,009	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	4,670	5,565	9,521	6,073	7,898	3,183	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	6,994	7,976	5,600	7,431	1,041	881	1,580	1,518
1980	Wet	1,669	1,883	1,793	9,140	14,778	10,623	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	2,041	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,248	21,785	13,654	8,664	6,107	2,153	4,169
1983	Wet	4,924	7,251	15,419	18,462	24,226	37,895	19,967	22,043	22,179	17,344	5,492	3,830
1984	Above Normal	2,945	10,836	17,408	10,092	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	10,189	17,947	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	839	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	713	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,659	2,788	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,033	2,169	16,150	10,941	16,999	12,177	16,886	3,618	1,879
1996	Wet	1,547	1,668	1,352	2,046	10,655	8,407	6,918	5,176	3,802	1,369	1,550	1,592
1997	Wet	1,571	2,525	13,432	43,817	11,381	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	17,898	10,252	12,008	12,121	16,412	13,129	2,168	1,880
1999	Above Normal	2,131	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,069	6,866	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	382	484	867

Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-7	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-127	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-831	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,662	-1,842	-1,941	-2,686	-1,364	0	0	0
1939	Dry	109	0	0	0	0	0	-1	-1	-2	-2	-2	-1
1940	Above Normal	0	0	0	0	0	0	0	0	0	1	1	0
1941	Wet	0	0	0	0	-1,284	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-711	50	-1,473	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-134	14	-69	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-374	-1	-1	-2	-1	-1
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-587	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-2,114	-1,462	-2,132	-2,865	-2,114	-119	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-40	0	0	0	0	0	0
1976	Critical	0	-3	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-967	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-1,062	-960	-66	-770	94	329	7	-23	0	0
1984	Above Normal	0	-28	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,276	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,703	-1,473	-2,606	-226	-715	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-5,965	-1,084	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,091	-516	-1,002	-762	-2,628	-2,734	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-3%	-13%	-14%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-8%	-8%	-12%	-15%	-10%	0%	0%	0%
1939	Dry	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	4%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-9%	1%	-10%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-27%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-8%	-11%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-25%	-22%	-3%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-14%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-20%	-10%	-10%	-11%	-13%	-10%	-2%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-27%	-18%	-12%	-26%	-10%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-19%	-20%	-8%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-9%	-15%	0%	0%	0%	0%
1983	Wet	0%	-12%	-6%	-5%	0%	-2%	0%	2%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-25%	-15%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-10%	-12%	-13%	-2%	-4%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-13%	-12%	-9%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-6%	-5%	-8%	-6%	-14%	-17%	0%	0%
1999	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,701	1,467	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	2,069	1,704	1,855	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,265	1,375	1,424	678	586	1,470
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,768	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	826	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,309	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,702	1,466	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	1,964	1,704	1,959	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,209	1,375	1,424	678	586	1,525
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,712	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	874	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,308	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	1	-1	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	-105	0	104	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-56	0	0	0	0	55
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-56	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	48	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-5%	0%	6%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	4%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,606	6,902	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,714	5,745	4,500	9,001	5,669	3,668	2,318	2,542	2,798
1924	Critical	3,244	2,425	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,665	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,806	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	14,276	10,642	11,498	8,827	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,922	21,822	29,258	20,332	22,988	16,670	8,698	3,319	4,389
1939	Dry	3,805	2,915	2,366	2,499	2,821	3,780	4,927	3,818	1,609	1,352	1,499	2,034
1940	Above Normal	2,554	2,163	1,901	3,369	4,004	8,796	10,538	6,069	3,097	1,883	2,084	2,456
1941	Wet	2,868	2,349	3,993	4,493	14,561	13,568	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,267	2,888	3,834	6,846	8,168	8,134	11,477	9,816	8,424	7,140	3,064	3,088
1943	Wet	3,242	3,036	3,211	11,165	9,599	19,912	11,416	6,439	4,958	2,924	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,646	2,474	2,235	2,425	8,951	10,053	8,371	5,900	3,517	3,075	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	12,749	12,419	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,482	4,257	12,946	13,547	16,980	13,491	9,341	4,524	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,101	2,553	1,910	1,607	1,948
1954	Below Normal	2,548	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	7,461	19,102	11,694	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,900	13,962	12,093	6,066	3,079	3,880
1959	Dry	3,111	2,394	2,257	2,365	3,863	3,472	4,926	3,723	1,606	1,270	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,934	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,826	6,344	7,122	10,192	5,396	3,065	2,951	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,325	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,952	14,354	16,075	15,030	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	8,840	24,342	20,192	22,934	26,687	25,760	9,967	4,296	4,061
1970	Above Normal	4,023	2,939	3,574	16,902	8,596	8,542	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	6,330	4,470	8,815	9,275	5,834	6,188	3,401	2,806	2,839
1975	Wet	3,646	3,055	2,560	2,421	6,159	8,913	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,002	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	7,031	8,064	13,787	11,739	10,121	4,353	2,866	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	8,002	9,401	8,133	9,047	2,978	1,745	2,558	2,340
1980	Wet	3,194	2,546	2,220	11,893	19,878	16,644	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	2,953	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,801	28,420	19,362	11,149	8,697	4,735	7,447
1983	Wet	7,311	11,273	20,999	26,497	32,051	48,707	24,261	25,796	28,041	24,415	9,187	7,913
1984	Above Normal	4,918	16,551	23,989	15,333	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	14,549	28,070	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,252	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	555	596	950
1993	Wet	1,399	1,503	1,480	4,802	3,761	3,770	5,505	5,004	7,100	4,329	2,326	2,619
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	906	904	1,230
1995	Wet	1,595	1,669	1,445	3,767	3,427	19,501	14,534	23,017	13,949	19,523	4,726	2,901
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,477	9,677	7,692	5,893	2,581	2,579	2,728
1997	Wet	3,186	3,507	19,751	59,984	22,927	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	21,678	14,508	16,166	15,728	20,601	20,102	5,658	4,857
1999	Above Normal	4,546	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,903	9,361	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,611	6,895	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,525	5,702	4,500	9,001	5,669	3,668	2,317	2,541	2,798
1924	Critical	3,244	2,424	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,664	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,679	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	13,445	10,384	10,375	8,021	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,812	20,160	27,417	18,391	20,302	15,306	8,698	3,319	4,389
1939	Dry	3,914	2,915	2,366	2,499	2,821	3,780	4,926	3,816	1,607	1,350	1,497	2,034
1940	Above Normal	2,553	2,163	1,901	3,369	4,004	8,796	10,538	6,069	3,098	1,884	2,085	2,456
1941	Wet	2,869	2,349	3,993	4,493	13,277	13,564	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,333	2,888	3,834	6,841	8,007	8,134	11,477	9,816	8,424	7,140	3,064	3,087
1943	Wet	3,242	3,036	3,211	10,453	9,649	18,438	11,416	6,439	4,958	2,923	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,647	2,474	2,235	2,425	7,907	10,053	8,371	5,900	3,516	3,074	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	9,930	11,652	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,348	4,272	12,878	13,020	15,995	12,427	9,341	4,523	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,100	2,552	1,909	1,607	1,948
1954	Below Normal	2,547	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	5,920	15,458	11,439	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,470	13,961	12,091	6,064	3,078	3,934
1959	Dry	3,110	2,394	2,256	2,365	3,863	3,472	4,926	3,724	1,606	1,271	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,933	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,814	6,344	7,122	10,192	5,396	3,065	2,950	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,324	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,309	13,668	15,133	13,198	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	7,227	22,276	18,730	20,802	23,822	23,646	9,848	4,296	4,061
1970	Above Normal	4,055	2,939	3,574	16,896	8,596	8,493	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	5,913	4,470	8,815	9,274	5,834	6,187	3,401	2,806	2,839
1975	Wet	3,645	3,055	2,560	2,421	6,159	8,872	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	2,999	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	5,278	6,866	12,526	9,603	9,239	4,352	2,865	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	7,875	9,231	8,132	9,045	2,975	1,742	2,555	2,339
1980	Wet	3,193	2,546	2,220	9,749	16,109	15,677	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	3,020	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,644	26,187	16,977	11,149	8,697	4,735	7,447
1983	Wet	7,311	10,253	19,937	25,538	31,986	47,937	24,355	26,124	28,048	24,391	9,187	7,913
1984	Above Normal	4,918	16,523	23,964	15,308	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	11,091	24,794	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,251	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	554	596	950
1993	Wet	1,398	1,503	1,480	4,802	3,760	3,761	5,505	5,004	7,100	4,329	2,325	2,618
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	907	904	1,230
1995	Wet	1,595	1,669	1,445	3,766	3,427	17,797	13,061	20,411	13,723	18,808	4,724	2,900
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,314	9,676	7,691	5,892	2,579	2,578	2,727
1997	Wet	3,186	3,460	17,791	54,018	21,843	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	20,587	13,992	15,164	14,966	17,973	17,369	5,658	4,857
1999	Above Normal	4,609	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,673	9,270	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-7	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-127	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-831	-259	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-111	-1,662	-1,842	-1,941	-2,686	-1,364	0	0	0
1939	Dry	109	0	0	0	0	0	0	-2	-2	-2	-2	-1
1940	Above Normal	0	0	0	0	0	0	0	0	0	1	1	0
1941	Wet	0	0	0	0	-1,284	-4	0	0	0	0	0	0
1942	Wet	67	0	0	-5	-161	0	0	0	0	0	0	0
1943	Wet	0	0	0	-711	50	-1,473	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,044	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-134	14	-69	-527	-985	-1,064	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,644	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-430	-1	-1	-2	-1	54
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-643	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-2,066	-1,462	-2,132	-2,865	-2,114	-119	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	-40	0	0	0	0	0	0
1976	Critical	0	-3	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,198	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,769	-967	0	0	0	0	0	0
1981	Dry	0	67	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-1,062	-960	-66	-770	94	328	7	-23	0	0
1984	Above Normal	0	-28	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,458	-3,276	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,703	-1,473	-2,606	-226	-715	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-5,965	-1,084	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,091	-516	-1,002	-762	-2,628	-2,734	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-2%	-10%	-9%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-8%	-6%	-10%	-12%	-8%	0%	0%	0%
1939	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-6%	1%	-7%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-22%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-6%	-8%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-21%	-19%	-2%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	1%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-6%	-12%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-18%	-8%	-7%	-9%	-11%	-8%	-1%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-25%	-15%	-9%	-18%	-9%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-18%	-19%	-6%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-8%	-12%	0%	0%	0%	0%
1983	Wet	0%	-9%	-5%	-4%	0%	-2%	0%	1%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	-12%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-10%	-11%	-2%	-4%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-10%	-10%	-5%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-5%	-4%	-6%	-5%	-13%	-14%	0%	0%
1999	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Jones Pumping Plant (Node D418)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,199	4,509	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,705	4,239	2,937	1,119	800	3,368	4,581	3,826	4,600
1924	Critical	4,578	4,156	3,520	3,879	2,103	800	941	816	274	800	1,275	2,843
1925	Dry	3,095	1,565	3,841	3,218	2,331	2,831	1,198	954	3,444	4,600	3,937	3,603
1926	Dry	3,789	4,206	3,564	3,219	1,726	1,041	1,226	800	2,104	3,113	2,339	3,784
1927	Wet	3,535	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,051	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,070	2,600	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,325	3,029	3,159	2,407	2,505	2,065	1,414	1,185	1,125	2,662	1,521	2,604
1931	Critical	3,467	3,245	3,200	3,265	3,286	1,122	800	800	414	600	1,274	2,781
1932	Dry	3,008	2,436	4,600	3,415	1,772	1,090	800	800	1,788	800	3,245	4,600
1933	Critical	3,460	3,071	3,204	682	960	1,303	800	800	545	800	4,600	4,071
1934	Critical	2,934	2,589	1,162	473	712	616	800	800	417	600	3,605	2,805
1935	Below Normal	1,897	3,050	4,210	2,831	828	1,499	1,031	800	2,946	3,153	2,001	4,179
1936	Below Normal	4,342	3,857	4,082	1,760	729	2,045	1,190	800	2,813	3,971	2,694	4,600
1937	Below Normal	4,107	3,751	4,251	2,801	1,036	617	1,286	1,096	979	3,258	2,393	4,600
1938	Wet	3,470	4,600	3,904	815	923	1,987	2,537	4,122	4,600	4,600	4,600	4,490
1939	Dry	3,818	800	4,250	3,409	3,888	1,765	862	800	445	4,446	2,307	4,045
1940	Above Normal	3,378	3,750	2,548	2,598	3,311	4,600	1,311	800	2,744	3,887	4,600	4,041
1941	Wet	3,108	2,741	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,576
1942	Wet	3,381	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,700	4,600	4,033	4,600	4,600	4,600	1,422	800	3,471	4,600	4,600	4,600
1944	Dry	3,304	3,950	4,403	3,405	3,680	2,425	1,056	800	1,747	3,715	2,208	3,114
1945	Below Normal	3,433	4,600	3,813	3,431	3,899	4,096	1,041	800	2,067	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,345	842	800	2,721	4,600	4,600	4,249
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,523	4,170
1948	Below Normal	3,766	4,482	3,490	2,030	904	2,529	800	800	2,679	4,266	4,270	4,600
1949	Dry	4,600	4,225	4,281	3,222	3,319	1,930	800	800	1,733	4,600	4,148	4,600
1950	Below Normal	4,264	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,141	1,006	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,202	3,931	4,600	3,889	4,600	1,688	2,115	4,600	4,600	4,600	4,600
1953	Wet	3,341	3,892	4,600	3,176	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,342	4,576	4,522	2,081	2,499	3,446	937	800	2,621	2,999	4,600	4,600
1955	Dry	3,134	4,426	4,600	3,587	3,631	2,451	945	800	598	4,600	2,591	3,738
1956	Wet	3,158	4,188	4,600	4,600	4,056	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,628	4,600	4,291	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,898
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,483	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,731	3,805	4,600	2,193	3,021	3,469	1,218	912	1,664	4,515	4,600	3,616
1960	Dry	3,554	3,425	3,654	3,251	2,231	2,433	800	1,179	1,516	4,050	2,116	4,107
1961	Dry	3,625	4,061	4,600	3,319	2,008	3,299	800	823	371	4,508	3,542	4,600
1962	Below Normal	3,089	3,912	2,983	3,537	3,152	3,822	1,100	800	1,701	4,440	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,442	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,691	3,325
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,210	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,370
1967	Wet	3,992	3,784	3,917	3,747	3,624	4,223	2,114	1,787	4,600	4,600	4,600	4,490
1968	Below Normal	3,951	2,174	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,118	4,600	4,230	4,600	1,990	2,734	3,942	4,600	4,600	4,600	3,823
1970	Wet	4,069	800	4,125	4,600	4,600	3,430	800	800	1,842	3,928	4,600	4,600
1971	Wet	3,279	2,100	3,971	3,325	3,366	3,891	1,057	823	2,648	4,552	4,600	4,351
1972	Below Normal	3,419	2,726	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,071
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,404
1974	Wet	3,098	4,600	4,430	4,349	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,247	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,803	4,600	3,548	4,451	3,191	1,244	800	279	1,575	800	1,565
1977	Critical	2,546	3,664	3,043	2,677	3,729	800	800	800	60	600	4,124	1,353
1978	Above Normal	1,928	1,550	2,813	2,875	4,600	4,600	1,719	1,461	4,404	4,600	4,600	4,558
1979	Below Normal	3,774	2,995	4,578	3,915	4,600	4,600	1,010	1,122	2,765	4,600	4,600	3,503
1980	Above Normal	4,600	3,475	4,600	4,600	3,060	1,713	1,121	998	4,430	4,600	4,600	3,448
1981	Dry	3,239	3,856	4,600	3,421	3,411	2,430	1,319	1,012	1,650	4,600	3,405	3,628
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	2,966	2,414	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,463	2,309	1,991	2,722	3,933	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,505	1,462	1,973	2,765	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,508	4,600	4,279	2,155	4,600	3,773	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,474	800	4,111	3,303	3,349	2,347	800	800	1,630	3,676	1,716	3,105
1988	Critical	4,462	3,695	3,322	2,381	800	800	1,055	800	331	2,900	4,600	1,975
1989	Dry	2,503	3,331	2,820	3,179	1,201	1,208	1,231	800	2,359	3,959	2,744	3,375
1990	Critical	2,758	3,107	3,186	3,096	2,353	1,012	800	848	222	3,168	3,380	1,665
1991	Critical	3,090	3,007	2,641	1,512	1,697	1,295	1,077	819	1,096	2,811	2,431	2,241
1992	Critical	2,870	2,806	2,344	1,558	1,690	2,389	800	800	962	3,221	4,574	814
1993	Above Normal	2,036	3,001	3,620	3,235	4,117	3,921	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,431	4,600	3,202	3,335	2,302	929	976	237	4,527	3,062	3,065
1995	Wet	2,337	3,758	3,622	3,011	3,630	4,600	1,811	4,357	4,600	4,600	4,600	4,600
1996	Wet	2,469	1,866	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	3,009	4,600	4,600	4,600	4,600	3,584	864	800	4,528	4,324	4,600	4,600
1998	Wet	2,909	2,175	4,600	3,013	4,600	4,600	2,015	1,958	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,567
2000	Above Normal	2,671	4,600	3,865	2,262	4,600	4,600	891	800	3,213	2,731	4,600	4,600
2001	Dry	3,084	4,600	4,071	3,460	3,033	2,895	1,026	800	1,616	4,600	2,435	3,189
2002	Dry	4,035	3,350	3,931	2,670	2,607	2,592	836	800	1,675	4,600	4,600	4,172
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,887

Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,200	4,507	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,656	4,228	2,937	1,119	800	3,353	4,581	3,814	4,600
1924	Critical	4,578	4,155	3,520	3,878	2,103	800	941	819	274	800	1,275	2,847
1925	Dry	3,098	1,561	3,839	3,218	2,331	2,829	1,198	954	3,446	4,600	3,939	3,604
1926	Dry	3,790	4,207	3,563	3,219	1,726	1,040	1,226	800	2,100	3,112	2,329	3,783
1927	Wet	3,536	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,050	4,600	3,460	2,170	3,947	1,110	800	2,558	4,157	4,600	3,681
1929	Critical	3,071	2,598	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,029
1930	Dry	3,326	3,030	3,158	2,407	2,505	2,064	1,414	1,185	1,123	2,659	1,522	2,605
1931	Critical	3,467	3,246	3,199	3,265	3,286	1,123	800	800	414	600	1,274	2,782
1932	Dry	3,009	2,432	4,600	3,415	1,765	996	800	800	1,788	800	3,252	4,600
1933	Critical	3,461	3,071	3,277	681	960	1,303	800	800	545	800	4,600	4,076
1934	Critical	2,940	2,593	1,145	473	712	607	800	800	417	600	3,360	2,816
1935	Below Normal	1,885	3,053	4,210	3,049	825	1,499	1,031	800	2,946	3,153	2,003	4,182
1936	Below Normal	4,345	3,860	4,503	1,329	897	2,150	1,190	800	2,813	3,968	2,695	4,600
1937	Below Normal	4,109	3,753	4,248	2,791	1,035	1,696	1,285	995	925	3,250	2,393	4,600
1938	Wet	3,468	4,600	4,600	1,026	975	2,865	2,294	2,531	4,600	4,600	4,600	4,490
1939	Dry	3,864	800	4,311	3,409	3,885	1,765	800	800	445	4,551	2,278	3,904
1940	Above Normal	3,511	3,749	2,500	2,598	3,311	4,600	1,311	800	2,744	3,876	4,600	4,156
1941	Wet	3,111	2,929	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,574
1942	Wet	3,450	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,699	4,600	4,033	4,600	4,600	4,600	1,422	800	3,902	4,600	4,600	4,600
1944	Dry	3,201	3,885	4,403	3,405	3,680	2,425	1,056	800	1,868	3,638	2,214	3,121
1945	Below Normal	3,435	4,600	3,813	3,431	3,629	4,600	1,041	800	2,066	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,466	842	800	2,589	4,600	4,600	4,377
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,606	4,165
1948	Below Normal	3,764	4,481	3,491	2,030	903	2,529	800	800	2,679	4,261	4,271	4,600
1949	Dry	4,600	4,225	4,258	3,222	3,319	1,930	800	800	1,733	4,600	4,147	4,600
1950	Below Normal	4,265	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,136	1,381	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,205	3,931	4,600	3,893	4,600	1,622	1,992	4,600	4,600	4,600	4,600
1953	Wet	3,339	4,600	4,600	2,724	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,311	4,510	4,520	2,081	2,499	3,446	937	800	2,621	2,989	4,600	4,600
1955	Dry	3,111	4,463	4,600	3,587	3,653	2,451	945	800	598	4,600	2,552	3,736
1956	Wet	3,164	4,189	4,600	4,600	4,576	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,627	4,600	4,292	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,899
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,430	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,747	4,600	4,600	2,193	3,021	3,467	1,218	912	1,664	4,510	4,600	3,683
1960	Dry	3,555	3,402	3,652	3,251	2,231	2,433	800	1,179	1,516	4,050	2,109	4,102
1961	Dry	3,613	4,062	4,600	3,319	2,008	3,299	800	823	370	4,508	3,538	4,600
1962	Below Normal	3,094	3,914	2,981	3,537	3,152	3,822	1,100	800	1,701	4,442	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,433	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,692	3,327
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,211	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,366
1967	Wet	3,993	3,784	3,917	3,747	3,624	4,223	2,034	1,702	4,600	4,600	4,600	4,600
1968	Below Normal	3,949	4,154	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,901	4,116	4,600	3,813	4,600	2,860	2,594	4,077	4,600	4,600	4,600	4,054
1970	Wet	4,041	800	4,125	4,600	4,600	3,272	800	800	1,842	3,930	4,600	4,600
1971	Wet	3,278	2,070	3,971	3,325	3,366	3,891	1,057	823	2,648	4,541	4,600	4,350
1972	Below Normal	3,419	2,731	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,073
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,770
1974	Wet	3,098	4,600	4,430	4,241	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,246	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,820	4,600	3,549	4,451	3,191	1,244	800	279	1,563	800	1,564
1977	Critical	2,562	3,664	3,043	2,678	3,726	800	800	800	60	600	4,037	1,354
1978	Above Normal	1,963	1,552	2,807	2,875	4,283	4,464	1,561	1,194	4,204	4,600	4,600	4,600
1979	Below Normal	3,794	4,600	4,600	3,919	4,600	4,600	1,010	1,122	2,753	4,414	4,600	3,502
1980	Above Normal	4,600	4,003	4,600	3,975	1,076	1,715	1,121	998	4,430	4,600	4,600	4,187
1981	Dry	3,273	3,818	4,600	3,422	3,411	2,430	1,319	1,012	1,650	4,600	3,355	3,615
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	3,298	2,116	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,600	3,709	3,391	4,122	4,159	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,661	2,862	2,268	2,785	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,702	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,509	4,600	4,279	2,155	4,600	4,080	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,472	921	4,109	3,303	3,349	2,347	800	800	1,577	3,742	1,896	3,099
1988	Critical	4,460	3,695	3,322	2,381	800	800	1,055	800	331	2,896	4,600	1,975
1989	Dry	2,507	3,326	2,821	3,179	1,200	1,208	1,231	800	2,359	3,958	2,757	3,298
1990	Critical	2,758	3,108	3,182	3,096	2,352	1,012	800	848	222	3,167	2,354	2,708
1991	Critical	3,039	3,002	2,652	1,508	1,697	1,295	1,077	819	1,098	2,813	2,463	2,240
1992	Critical	2,865	2,835	2,340	1,533	1,690	2,389	800	800	1,473	2,681	4,567	802
1993	Above Normal	2,032	3,003	3,619	3,235	4,117	3,919	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,412	4,600	3,202	3,335	2,302	929	976	237	4,528	3,059	3,069
1995	Wet	2,339	3,757	3,623	3,011	3,630	4,600	1,627	2,543	4,600	4,600	4,600	4,600
1996	Wet	2,467	4,349	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	2,898	4,600	4,600	4,600	4,600	3,634	864	800	4,528	4,232	4,600	4,600
1998	Wet	2,915	2,169	4,600	3,013	4,600	4,600	1,889	1,862	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,565
2000	Above Normal	2,677	4,600	3,869	2,262	4,600	4,600	891	800	3,213	2,734	4,600	4,600
2001	Dry	3,081	4,600	4,117	3,460	3,033	2,895	1,026	800	1,616	4,600	2,401	3,189
2002	Dry	4,035	3,351	3,931	2,670	2,606	2,592	836	800	1,675	4,600	4,600	4,158
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,883

Change in Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	0	0	-49	-11	0	0	0	-15	0	-11	0
1924	Critical	0	-1	0	0	0	0	0	2	0	0	0	4
1925	Dry	3	-4	-2	0	0	-2	0	0	2	0	1	2
1926	Dry	1	1	-1	0	0	-1	0	0	-4	0	-10	-1
1927	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	1	-1	0	0	0	0	0	0	0	-1	0	0
1929	Critical	0	-2	0	0	0	0	0	0	0	0	0	1
1930	Dry	1	1	-1	0	0	-1	0	0	-2	-2	0	0
1931	Critical	0	1	-1	0	1	1	0	0	0	0	0	1
1932	Dry	1	-4	0	0	-8	-94	0	0	0	0	7	0
1933	Critical	0	0	74	-1	-1	0	0	0	0	0	0	5
1934	Critical	6	5	-17	0	0	-9	0	0	0	0	-245	10
1935	Below Normal	-12	3	0	218	-2	0	0	0	0	0	2	2
1936	Below Normal	3	4	421	-431	168	105	0	0	0	-3	1	0
1937	Below Normal	2	2	-3	-10	-1	1,079	-1	-101	-54	-8	1	0
1938	Wet	-2	0	696	211	51	878	-243	-1,591	0	0	0	0
1939	Dry	47	0	61	0	-3	0	-62	0	-1	105	-29	-141
1940	Above Normal	133	0	-48	0	0	0	0	0	0	-11	0	115
1941	Wet	2	188	0	0	0	0	0	0	0	0	0	-2
1942	Wet	68	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	-1	0	0	0	0	0	0	0	431	0	0	0
1944	Dry	-104	-65	1	0	0	0	0	0	121	-77	5	7
1945	Below Normal	2	0	0	0	-270	504	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	122	0	0	-132	0	0	128
1947	Dry	0	0	0	0	0	0	0	0	0	0	83	-5
1948	Below Normal	-1	-1	1	0	-2	0	0	0	0	-4	1	0
1949	Dry	0	0	-23	0	0	0	0	0	0	0	-1	0
1950	Below Normal	1	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	-5	375	0	0	0	0	-1	0	0
1952	Wet	0	2	0	0	4	0	-66	-123	0	0	0	0
1953	Wet	-2	708	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-66	-1	0	0	0	0	0	0	-10	0	0
1955	Dry	-23	37	0	0	23	0	0	0	0	0	-39	-2
1956	Wet	6	1	0	0	520	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-54	0	0	0	0	0
1959	Below Normal	15	795	0	0	0	-2	0	0	0	-5	0	66
1960	Dry	1	-24	-2	0	0	0	0	0	0	0	-7	-4
1961	Dry	-11	1	0	0	0	0	0	0	0	0	-4	0
1962	Below Normal	5	2	-2	0	0	0	0	0	0	1	0	0
1963	Wet	0	0	0	0	0	0	0	0	-9	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	1	1
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-4
1967	Wet	0	0	0	0	0	0	-80	-86	0	0	0	110
1968	Below Normal	-2	1,979	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	-2	0	-417	0	870	-140	135	0	0	0	231
1970	Wet	-28	0	0	0	0	-158	0	0	0	2	0	0
1971	Wet	-1	-30	0	0	0	0	0	0	0	-10	0	-1
1972	Below Normal	0	5	0	0	0	0	0	0	0	0	0	2
1973	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	367
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	17	0	0	0	0	0	0	0	-12	0	-1
1977	Critical	16	0	-1	1	-3	0	0	0	0	0	-87	1
1978	Above Normal	35	2	-6	0	-317	-136	-158	-267	-200	0	0	42
1979	Below Normal	20	1,605	22	4	0	0	0	0	-11	-186	0	-2
1980	Above Normal	0	528	0	-625	-1,984	2	0	0	0	0	0	739
1981	Dry	35	-38	0	0	0	0	0	0	0	0	-50	-13
1982	Wet	0	0	0	0	0	0	331	-298	0	0	0	0
1983	Wet	0	0	0	137	1,400	1,400	1,400	226	0	0	0	0
1984	Wet	0	155	1,400	295	20	0	0	0	0	0	0	0
1985	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	1	0	0	0	0	307	0	0	0	0	0	0
1987	Dry	-2	121	-3	0	0	0	0	0	-53	66	180	-6
1988	Critical	-2	0	0	0	0	0	0	0	0	-4	0	0
1989	Dry	4	-5	1	0	0	0	0	0	0	-1	13	-78
1990	Critical	0	1	-4	0	-1	0	0	0	0	0	-1,026	1,043
1991	Critical	-50	-5	11	-4	0	0	0	0	1	2	32	-1
1992	Critical	-5	29	-3	-26	0	0	0	0	511	-539	-8	-12
1993	Above Normal	-4	2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-19	0	0	0	0	0	0	0	0	-3	3
1995	Wet	2	-1	1	0	0	0	-184	-1,814	0	0	0	0
1996	Wet	-2	2,484	0	0	0	0	0	0	0	0	0	0
1997	Wet	-110	0	0	0	0	50	0	0	0	-92	0	0
1998	Wet	6	-6	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
2000	Above Normal	6	0	3	0	0	0	0	0	0	3	0	0
2001	Dry	-3	0	45	0	0	0	0	0	0	0	-34	1
2002	Dry	0	1	0	0	-1	0	0	0	0	0	0	-13
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-3

Percent Change in Simulated Exports Through Jones Pumping Plant (Node D418)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	-7%	0%
1935	Below Normal	-1%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	10%	-24%	23%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	175%	0%	-9%	-6%	0%	0%	0%
1938	Wet	0%	0%	18%	26%	6%	44%	-10%	-39%	0%	0%	0%	0%
1939	Dry	1%	0%	1%	0%	0%	0%	-7%	0%	0%	2%	-1%	-3%
1940	Above Normal	4%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1941	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%
1944	Dry	-3%	-2%	0%	0%	0%	0%	0%	0%	7%	-2%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	-5%	0%	0%	3%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%
1953	Wet	0%	18%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-2%	0%
1956	Wet	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	0%	0%	0%	2%
1968	Below Normal	0%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	0%	44%	-5%	3%	0%	0%	0%	6%
1970	Wet	-1%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1978	Above Normal	2%	0%	0%	0%	-7%	-3%	-9%	-18%	-5%	0%	0%	1%
1979	Below Normal	1%	54%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1980	Above Normal	0%	15%	0%	-14%	-65%	0%	0%	0%	0%	0%	0%	21%
1981	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	11%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	3%	61%	70%	51%	6%	0%	0%	0%	0%
1984	Wet	0%	6%	96%	15%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	15%	0%	0%	0%	0%	0%	0%	-3%	2%	11%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-30%	63%
1991	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	53%	-17%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-10%	-42%	0%	0%	0%	0%
1996	Wet	0%	133%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-4%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Banks Pumping Plant (Node D419)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,199	4,509	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,424	4,284	3,705	4,239	2,902	1,119	700	2,386	7,005	7,180	6,680
1924	Critical	3,967	2,377	2,619	2,643	2,103	300	300	489	274	4,825	300	517
1925	Dry	2,397	2,988	3,841	3,218	2,331	4,056	1,198	954	1,712	7,180	4,753	6,680
1926	Dry	2,744	2,428	2,875	3,219	1,726	300	1,226	862	2,630	6,915	3,703	4,213
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,645
1928	Above Normal	3,155	3,634	7,117	3,460	2,170	3,947	1,110	700	2,558	6,615	6,748	6,680
1929	Critical	3,527	2,568	4,914	3,295	3,282	2,885	1,690	300	300	300	719	729
1930	Dry	1,057	1,188	3,159	2,407	2,505	2,997	1,414	1,185	2,107	6,915	4,564	6,680
1931	Critical	1,621	1,565	1,434	3,265	2,314	963	300	300	300	3,025	300	396
1932	Dry	930	1,732	7,170	3,415	6,430	3,973	741	700	1,788	4,418	4,910	2,770
1933	Critical	1,983	1,702	3,343	5,896	5,565	1,710	879	700	300	3,061	1,215	766
1934	Critical	992	1,531	4,639	5,942	4,404	1,712	300	704	300	503	323	510
1935	Below Normal	2,275	3,050	4,029	4,061	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,632	3,298	4,082	2,572	8,437	7,205	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,398	2,664	6,699	4,508	8,103	6,111	1,578	1,096	4,912	7,005	7,180	4,107
1938	Wet	3,822	6,680	5,731	7,401	8,500	7,561	2,537	6,177	6,680	7,005	7,180	6,382
1939	Dry	3,818	1,759	7,112	3,409	2,997	1,765	968	1,075	300	6,829	4,657	4,460
1940	Above Normal	1,217	948	3,495	2,598	3,311	5,359	1,311	701	2,744	6,525	6,680	6,680
1941	Wet	3,108	2,169	4,191	3,969	8,500	7,561	1,599	1,350	4,002	7,005	7,180	6,056
1942	Wet	3,381	1,453	4,235	4,639	5,107	4,955	1,430	1,220	3,981	7,005	7,180	6,113
1943	Wet	3,700	2,237	4,033	5,165	5,980	7,561	1,422	795	2,897	6,664	7,180	6,369
1944	Dry	3,304	1,335	7,124	3,405	3,680	2,425	1,056	700	1,988	6,915	4,993	2,443
1945	Below Normal	2,053	6,680	3,813	3,431	3,899	6,693	1,041	700	2,067	6,901	7,180	6,680
1946	Below Normal	6,092	6,680	5,535	4,043	3,091	4,084	842	700	1,377	6,823	6,893	6,680
1947	Dry	5,478	4,012	4,681	3,026	3,519	1,333	900	700	1,687	6,929	5,006	6,930
1948	Below Normal	4,096	3,543	2,421	2,030	384	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,549	2,627	4,281	3,222	3,319	1,930	700	700	1,733	6,915	4,859	7,020
1950	Below Normal	984	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,678	7,129	6,709	6,659	962	700	2,694	5,993	6,680	6,555
1952	Wet	3,407	4,968	3,931	4,751	3,889	7,561	1,688	2,115	5,886	6,680	7,180	6,680
1953	Wet	3,341	1,882	7,119	3,176	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,342	918	4,213	2,081	2,499	3,446	937	700	2,621	6,220	7,030	6,680
1955	Dry	3,134	3,882	7,042	3,587	3,068	2,346	945	700	300	6,929	4,341	3,082
1956	Wet	1,920	3,942	5,985	8,500	6,753	6,792	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,628	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,507	3,526	3,699	2,556	4,080	7,126	2,483	1,739	5,219	7,005	7,180	6,680
1959	Below Normal	3,731	2,417	7,093	2,193	3,021	3,520	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,430	2,210	1,979	3,251	2,231	2,433	561	1,179	1,516	6,915	6,155	6,930
1961	Dry	1,348	4,061	7,005	3,319	2,008	3,299	877	823	61	7,077	2,944	2,840
1962	Below Normal	333	2,697	2,983	2,579	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,019	7,005	7,180	6,680
1964	Dry	3,508	5,407	5,178	3,387	2,702	2,166	802	700	300	6,915	3,954	6,930
1965	Wet	2,670	3,165	4,009	5,253	4,388	4,555	1,268	700	2,855	7,005	7,180	6,532
1966	Below Normal	3,210	5,417	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,785	3,784	3,917	3,747	3,624	4,223	2,114	1,787	6,680	6,970	7,180	6,680
1968	Below Normal	3,951	2,342	7,059	3,412	2,271	3,473	1,176	965	1,661	6,789	6,930	6,930
1969	Wet	3,411	4,118	7,061	4,230	7,397	4,465	4,893	5,754	6,680	6,680	6,680	6,257
1970	Wet	4,069	2,359	4,125	8,500	5,361	6,373	797	700	1,842	7,115	7,030	4,671
1971	Wet	3,279	6,506	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,419	393	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,956	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,349	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,247	2,504	7,148	3,378	3,152	5,586	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,654	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,362	6,881
1977	Critical	2,171	1,475	1,166	1,692	803	309	300	598	60	499	300	1,403
1978	Above Normal	300	1,958	2,813	2,875	4,872	4,948	1,719	1,461	4,404	7,005	7,180	6,680
1979	Below Normal	3,774	3,048	6,913	3,915	5,221	4,809	1,010	1,122	2,765	7,005	7,180	6,680
1980	Above Normal	5,665	3,475	7,086	4,960	4,665	4,630	1,121	998	4,430	7,005	7,180	6,680
1981	Dry	3,620	2,084	7,087	3,421	3,411	2,430	1,319	1,012	1,650	6,929	6,280	5,489
1982	Wet	2,801	6,680	3,688	3,763	7,945	7,561	6,125	2,414	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	3,812	3,716	3,865	4,375	4,356	6,680	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,532	6,616	6,659	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,919	6,779
1986	Wet	4,244	5,422	4,279	2,155	7,985	5,003	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	616	1,772	1,630	1,481	876	2,201
1988	Critical	361	883	3,322	2,381	867	1,661	1,055	936	300	4,186	312	1,176
1989	Dry	300	3,331	2,820	3,179	1,111	1,208	1,231	925	2,359	6,915	4,401	7,160
1990	Critical	4,037	2,395	4,686	3,096	2,316	1,012	300	848	222	6,758	550	1,788
1991	Critical	300	795	987	641	1,404	1,295	1,077	819	2,065	5,759	358	608
1992	Critical	944	300	1,713	1,122	1,690	2,389	700	700	1,983	920	300	2,106
1993	Above Normal	300	516	3,620	3,235	4,117	3,921	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	968	6,551	3,202	3,335	2,302	929	976	237	6,977	3,991	3,222
1995	Wet	623	2,147	3,622	3,011	3,630	7,561	1,811	6,177	5,997	6,680	7,180	6,680
1996	Wet	2,469	1,401	3,703	2,835	7,720	6,570	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,974	1,762	7,678	8,500	8,500	7,202	864	784	1,630	6,071	7,030	6,680
1998	Wet	2,909	2,433	7,063	3,013	8,500	7,561	2,015	1,958	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,567
2000	Above Normal	2,609	631	7,004	2,262	5,400	5,654	891	700	2,681	6,489	7,030	6,680
2001	Dry	3,084	1,174	7,088	3,460	3,033	2,895	1,026	715	1,616	4,898	606	3,277
2002	Dry	300	3,350	3,931	2,670	3,937	2,592	836	700	1,675	6,929	2,738	6,143
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,959	7,180	6,680

Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,200	4,507	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,428	4,284	3,656	4,228	2,902	1,119	700	2,401	7,005	7,180	6,680
1924	Critical	3,955	2,377	2,619	2,644	2,103	300	300	479	274	4,826	300	514
1925	Dry	2,393	2,985	3,839	3,218	2,331	4,057	1,198	954	1,710	7,180	4,758	6,680
1926	Dry	2,746	2,430	2,874	3,219	1,726	300	1,226	862	2,634	6,915	3,712	4,193
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,644
1928	Above Normal	3,154	3,632	7,117	3,460	2,170	3,947	1,110	700	2,558	6,614	6,748	6,680
1929	Critical	3,526	2,567	4,912	3,295	3,282	2,885	1,690	300	300	300	719	728
1930	Dry	1,057	1,187	3,158	2,407	2,505	2,998	1,414	1,185	2,109	6,915	4,563	6,680
1931	Critical	1,621	1,564	1,433	3,265	2,314	963	300	300	300	3,012	300	395
1932	Dry	928	1,731	7,170	3,415	6,435	4,058	741	700	1,788	4,417	4,911	2,770
1933	Critical	1,982	1,701	3,260	5,897	5,565	1,710	879	700	300	3,043	1,209	761
1934	Critical	989	1,526	7,039	5,943	4,404	1,713	300	300	300	500	326	508
1935	Below Normal	2,293	3,053	4,025	3,842	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,436	3,294	3,703	3,004	8,437	7,100	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,395	2,662	6,703	4,518	8,089	6,111	1,298	995	4,966	7,005	7,180	4,105
1938	Wet	3,739	6,680	5,035	7,133	8,500	7,561	2,294	2,531	6,518	7,005	7,180	6,381
1939	Dry	3,864	1,759	7,112	3,409	2,996	1,765	1,638	1,074	300	6,829	4,611	3,891
1940	Above Normal	1,321	945	3,494	2,598	3,311	5,359	1,311	701	2,744	6,521	6,680	6,680
1941	Wet	3,111	2,204	4,191	3,969	8,364	7,561	1,599	1,350	4,002	7,005	7,180	6,055
1942	Wet	3,450	1,743	4,235	4,636	5,024	4,955	1,430	1,220	3,981	7,005	7,180	6,112
1943	Wet	3,699	2,209	4,033	4,797	6,006	7,561	1,422	795	2,466	6,829	7,180	6,329
1944	Dry	3,201	1,536	7,124	3,405	3,680	2,425	1,056	700	1,868	6,915	5,056	2,448
1945	Below Normal	2,051	6,680	3,813	3,431	3,629	6,189	1,041	700	2,066	6,901	7,180	6,680
1946	Below Normal	6,074	6,680	5,535	4,043	3,091	3,962	842	700	1,509	6,823	6,893	6,680
1947	Dry	5,424	4,012	4,685	3,026	3,519	1,333	900	700	1,687	6,929	4,980	6,930
1948	Below Normal	4,008	3,542	2,423	2,030	407	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,551	2,611	4,258	3,222	3,319	1,930	700	700	1,733	6,915	4,851	7,020
1950	Below Normal	983	1,767	2,193	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,043	7,758	6,706	6,659	962	700	2,694	5,992	6,680	6,592
1952	Wet	3,407	4,967	3,931	4,681	3,893	7,561	1,622	1,992	5,403	6,680	7,180	6,680
1953	Wet	3,339	3,098	7,119	2,724	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,311	909	4,506	2,081	2,499	3,446	937	700	2,621	6,219	7,030	6,680
1955	Dry	3,111	3,869	7,042	3,587	3,058	2,346	945	700	300	6,929	4,376	3,352
1956	Wet	1,627	3,940	5,188	8,500	6,841	6,864	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,627	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,505	3,524	3,699	2,556	4,080	7,126	2,430	1,739	5,218	7,005	7,180	6,680
1959	Below Normal	3,747	3,103	7,093	2,193	3,021	3,518	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,451	2,210	1,980	3,251	2,231	2,433	563	1,179	1,516	6,915	6,163	6,930
1961	Dry	1,345	4,062	7,005	3,319	2,008	3,299	877	823	62	7,077	2,939	2,839
1962	Below Normal	332	2,695	2,981	2,578	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,028	7,005	7,180	6,680
1964	Dry	3,509	5,399	5,178	3,387	2,702	2,165	802	700	300	6,915	3,955	6,930
1965	Wet	2,666	3,165	4,009	5,247	4,388	4,555	1,268	700	2,855	7,005	7,180	6,534
1966	Below Normal	3,211	5,340	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,784	3,784	3,917	3,747	3,624	4,223	2,034	1,702	6,565	6,970	7,180	6,680
1968	Below Normal	3,949	2,157	7,059	3,412	2,271	3,473	1,176	965	1,661	6,788	6,930	6,930
1969	Wet	3,422	4,116	7,061	3,813	8,382	4,464	2,594	6,177	6,680	7,005	7,180	6,334
1970	Wet	4,041	2,289	4,125	8,500	5,361	6,506	797	700	1,842	7,115	7,030	4,850
1971	Wet	3,278	6,505	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,419	398	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,957	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,241	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,246	2,389	7,148	3,378	3,152	5,565	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,663	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,371	6,881
1977	Critical	2,158	1,474	1,166	1,691	803	309	300	596	60	499	300	1,403
1978	Above Normal	300	1,956	2,807	2,875	4,283	4,464	1,561	1,194	4,204	7,005	7,180	6,680
1979	Below Normal	3,794	4,161	5,767	3,919	5,155	4,722	1,010	1,122	2,775	7,005	7,180	6,680
1980	Above Normal	5,289	4,003	7,086	4,477	4,823	4,638	1,121	998	4,430	7,005	7,180	5,543
1981	Dry	3,597	2,105	7,087	3,422	3,411	2,430	1,319	1,012	1,650	6,929	6,454	5,592
1982	Wet	2,856	6,680	3,688	3,763	7,945	7,561	6,125	2,116	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	6,099	3,812	3,629	4,069	3,751	6,190	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,937	6,233	6,308	6,578	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,918	6,779
1986	Wet	4,244	5,422	4,279	2,155	6,197	6,103	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	617	1,772	1,683	1,476	889	2,198
1988	Critical	363	883	3,322	2,381	867	1,662	1,055	936	300	4,130	312	1,176
1989	Dry	300	3,326	2,821	3,179	1,111	1,208	1,231	925	2,359	6,915	4,324	7,160
1990	Critical	4,047	2,394	4,684	3,096	2,315	1,012	300	848	222	6,769	550	1,812
1991	Critical	300	800	981	625	1,405	1,295	1,077	819	2,063	5,766	358	606
1992	Critical	938	300	1,710	1,101	1,690	2,389	700	700	1,473	1,407	300	2,105
1993	Above Normal	300	514	3,619	3,235	4,117	3,919	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	957	6,612	3,202	3,335	2,302	929	976	237	6,977	3,974	3,220
1995	Wet	617	2,144	3,623	3,011	3,630	7,561	1,627	2,543	5,895	6,680	7,180	6,680
1996	Wet	2,467	1,278	3,703	2,835	7,720	6,485	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,898	1,724	7,678	8,500	8,500	7,151	864	784	1,581	6,101	7,030	6,680
1998	Wet	2,915	2,424	7,063	3,013	8,500	7,561	1,889	1,862	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,565
2000	Above Normal	2,617	640	7,004	2,262	5,281	5,607	891	700	2,680	6,490	7,030	6,680
2001	Dry	3,081	1,173	6,998	3,460	3,033	2,895	1,026	715	1,616	4,979	606	3,276
2002	Dry	300	3,351	3,931	2,670	3,936	2,592	836	700	1,675	6,929	2,699	6,222
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,960	7,180	6,680

Change in Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	4	0	-49	-11	0	0	0	15	0	0	0
1924	Critical	-12	0	0	0	0	0	0	-10	0	1	0	-3
1925	Dry	-4	-3	-2	0	0	2	0	0	-2	0	5	0
1926	Dry	2	2	-1	0	0	0	0	0	4	0	9	-19
1927	Wet	-1	0	0	0	0	0	0	0	0	0	0	-1
1928	Above Normal	-1	-2	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	-2	0	0	0	0	0	0	0	0	-1
1930	Dry	-1	-1	-1	0	0	1	0	0	2	0	-1	0
1931	Critical	0	-1	-1	0	-1	-1	0	0	0	-13	0	-1
1932	Dry	-1	-1	0	0	5	85	0	0	0	-1	0	0
1933	Critical	0	0	-83	1	1	0	0	0	0	-18	-6	-5
1934	Critical	-3	-5	2,400	0	0	2	0	-404	0	-2	2	-2
1935	Below Normal	18	3	-5	-218	0	0	0	0	0	0	0	0
1936	Below Normal	-195	-3	-379	431	0	-105	0	0	0	0	0	0
1937	Below Normal	-3	-2	4	10	-14	0	-279	-101	54	0	0	-2
1938	Wet	-83	0	-696	-268	0	0	-243	-3,646	-162	0	0	-1
1939	Dry	47	0	0	0	-1	0	671	-1	0	0	-47	-568
1940	Above Normal	104	-3	-2	0	0	0	0	0	0	-4	0	0
1941	Wet	2	35	0	0	-136	0	0	0	0	0	0	-1
1942	Wet	68	290	0	-3	-83	0	0	0	0	0	0	-1
1943	Wet	-1	-28	0	-368	26	0	0	0	-431	164	0	-40
1944	Dry	-104	201	0	0	0	0	0	0	-120	0	63	5
1945	Below Normal	-2	0	0	0	-270	-504	0	0	0	0	0	0
1946	Below Normal	-18	0	0	0	0	-122	0	0	132	0	0	0
1947	Dry	-54	0	4	0	0	0	0	0	0	0	-26	0
1948	Below Normal	-88	0	2	0	23	0	0	0	0	0	0	0
1949	Dry	2	-16	-23	0	0	0	0	0	0	0	-8	0
1950	Below Normal	-1	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-635	629	-3	1	0	0	0	0	0	36
1952	Wet	0	-1	0	-69	4	0	-66	-123	-483	0	0	0
1953	Wet	-2	1,215	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-9	292	0	0	0	0	0	0	-2	0	0
1955	Dry	-23	-13	0	0	-10	0	0	0	0	0	36	270
1956	Wet	-293	-1	-796	0	88	72	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-2	-1	0	0	0	0	-54	0	-1	0	0	0
1959	Below Normal	15	686	0	0	0	-2	0	0	0	0	0	0
1960	Dry	21	0	0	0	0	0	2	0	0	0	7	0
1961	Dry	-2	1	0	0	0	0	0	0	0	0	-6	-1
1962	Below Normal	-1	-2	-2	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	9	0	0	0
1964	Dry	0	-8	0	0	0	0	0	0	0	0	1	0
1965	Wet	-4	0	0	-6	0	0	0	0	0	0	0	2
1966	Below Normal	1	-77	0	0	0	0	0	0	0	0	0	0
1967	Wet	-1	0	0	0	0	0	-80	-86	-115	0	0	0
1968	Below Normal	-2	-185	0	0	0	0	0	0	0	0	0	0
1969	Wet	11	-2	0	-417	984	-2	-2,298	423	0	325	500	77
1970	Wet	-28	-70	0	0	0	133	0	0	0	0	0	179
1971	Wet	-1	-1	0	0	0	0	0	0	0	0	0	1
1972	Below Normal	0	5	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	1	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	0	-115	0	0	0	-21	0	0	0	0	0	0
1976	Critical	-1	9	0	0	0	0	0	0	0	0	10	0
1977	Critical	-13	-1	0	-1	0	0	0	-2	0	-1	0	-1
1978	Above Normal	0	-2	-6	0	-589	-483	-158	-267	-200	0	0	0
1979	Below Normal	20	1,113	-1,145	4	-66	-88	0	0	10	0	0	0
1980	Above Normal	-375	528	0	-483	157	9	0	0	0	0	0	-1,137
1981	Dry	-23	21	0	0	0	0	0	0	0	0	174	103
1982	Wet	55	0	0	0	0	0	0	-298	0	0	0	0
1983	Wet	0	0	0	2,287	96	-237	-306	-605	-490	0	0	0
1984	Wet	0	0	-3	-299	-308	-81	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-1,788	1,100	0	0	0	0	0	0
1987	Dry	-1	0	0	0	0	0	1	0	53	-5	13	-3
1988	Critical	2	0	0	0	0	0	0	0	0	-56	0	0
1989	Dry	0	-5	1	0	-1	0	0	0	0	0	-77	0
1990	Critical	10	-1	-2	0	0	0	0	0	0	11	0	24
1991	Critical	0	5	-6	-16	0	0	0	0	-1	6	0	-2
1992	Critical	-6	0	-3	-21	0	0	0	0	-511	487	0	-1
1993	Above Normal	0	-2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-11	61	0	0	0	0	0	0	0	-17	-1
1995	Wet	-6	-2	1	0	0	0	-184	-3,634	-103	0	0	0
1996	Wet	-2	-122	0	0	0	-84	0	0	0	0	0	0
1997	Wet	-76	-38	0	0	0	-50	0	0	-49	30	0	0
1998	Wet	6	-9	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
2000	Above Normal	7	9	0	0	-119	-47	0	0	0	0	0	0
2001	Dry	-3	-2	-89	0	0	0	0	0	0	81	0	-1
2002	Dry	0	1	0	0	-1	0	0	0	0	0	-39	79
2003	Above Normal	0	0	0	0	0	0	0	0	0	1	0	0

Percent Change in Simulated Exports Through Banks Pumping Plant (Node D419)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	-2%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1934	Critical	0%	0%	52%	0%	0%	0%	0%	-57%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-4%	0%	-9%	17%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-18%	-9%	1%	0%	0%	0%
1938	Wet	-2%	0%	-12%	-4%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	-1%	-13%
1940	Above Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	20%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	-7%	0%	0%	0%	0%	-15%	2%	0%	-1%
1944	Dry	-3%	15%	0%	0%	0%	0%	0%	0%	-6%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	10%	0%	0%	0%
1947	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-2%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-8%	9%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	-1%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Wet	0%	65%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	9%
1956	Wet	-15%	0%	-13%	0%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-2%	0%	0%	0%
1968	Below Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	13%	0%	-47%	7%	0%	5%	7%	1%
1970	Wet	-1%	-3%	0%	0%	0%	2%	0%	0%	0%	0%	0%	4%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-12%	-10%	-9%	-18%	-5%	0%	0%	0%
1979	Below Normal	1%	37%	-17%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	15%	0%	-10%	3%	0%	0%	0%	0%	0%	0%	-17%
1981	Dry	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	3%	-6%	-7%	-14%	-7%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-1%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-22%	22%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	1%	0%
1988	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1991	Critical	0%	1%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	0%	0%	-2%	0%	0%	0%	0%	-26%	53%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1996	Wet	0%	-9%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-3%	-2%	0%	0%	0%	-1%	0%	0%	-3%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	1%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Delta Outflow (Node C406)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,238	12,796	38,493	27,421	29,791	56,030	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,287	28,876	15,652	9,649	28,865	17,891	6,918	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,289	9,613	6,604	4,000	4,000	4,064	4,702	3,000
1925	Dry	3,000	4,499	8,069	8,413	70,480	13,334	29,946	17,167	5,556	5,000	4,541	3,917
1926	Dry	4,000	4,500	4,500	14,261	44,642	12,758	27,640	9,923	5,469	5,083	3,762	3,000
1927	Wet	4,000	14,276	14,559	32,187	123,455	41,498	54,127	27,010	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,871	20,990	22,916	81,797	28,751	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,798	12,284	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,645	18,850	16,248	30,227	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,418	8,326	7,656	7,817	4,999	4,000	4,000	4,120	3,000
1932	Dry	3,000	3,500	14,358	17,218	14,908	10,392	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,837	7,724	13,495	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,486	3,500	11,203	14,681	14,299	10,625	9,673	7,031	7,100	4,000	3,282	3,000
1935	Below Normal	3,000	6,795	3,837	29,115	10,276	27,341	55,231	20,843	8,041	6,500	4,000	3,915
1936	Below Normal	4,000	4,500	4,500	40,926	78,111	32,407	28,636	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,258	46,178	49,537	29,620	18,978	11,040	6,500	4,000	3,000
1938	Wet	4,000	16,989	65,217	28,405	138,199	166,841	78,939	67,966	37,736	8,000	4,000	20,625
1939	Dry	7,500	13,789	4,965	7,080	8,210	10,237	9,673	9,318	5,731	5,055	3,717	3,000
1940	Above Normal	4,844	4,500	4,500	34,522	65,731	109,337	73,361	18,160	6,166	10,075	4,000	11,563
1941	Wet	5,938	10,625	36,219	97,169	116,505	89,315	79,272	47,732	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,733	78,171	136,462	23,909	56,688	40,551	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,961	77,267	54,820	86,119	34,707	19,203	7,461	10,589	4,000	19,375
1944	Dry	7,500	12,549	5,129	11,670	23,546	18,822	12,771	9,909	6,717	5,000	3,764	3,000
1945	Below Normal	4,000	6,194	12,070	9,410	52,184	22,551	17,404	15,016	7,008	6,548	4,018	3,881
1946	Below Normal	4,719	5,520	69,520	46,444	15,036	16,898	18,188	15,640	7,046	6,771	4,000	3,825
1947	Dry	4,000	4,500	8,733	7,767	14,341	20,576	12,657	7,513	7,100	5,000	4,421	3,804
1948	Below Normal	4,000	4,500	4,802	13,021	11,145	13,777	28,400	29,214	14,186	6,500	4,000	4,008
1949	Dry	4,000	4,538	6,730	7,615	8,979	46,185	14,314	11,699	6,753	5,000	4,334	4,214
1950	Below Normal	4,000	4,500	4,500	19,606	35,617	16,460	22,033	15,606	8,867	6,500	4,000	4,269
1951	Above Normal	4,303	44,535	98,832	67,247	70,910	28,642	19,398	18,683	6,172	11,094	4,000	10,938
1952	Wet	6,563	10,313	36,093	82,417	73,282	62,682	75,653	73,707	37,018	11,785	5,995	19,375
1953	Wet	9,063	13,371	28,307	99,225	21,240	17,486	20,246	25,255	20,186	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,702	52,264	44,662	44,475	12,888	7,141	11,573	4,000	11,563
1955	Dry	6,250	10,313	13,736	17,224	9,063	7,967	12,318	10,657	6,707	5,030	4,085	3,000
1956	Wet	4,827	4,500	92,810	162,530	82,477	37,579	23,996	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,559	16,317	39,491	15,197	21,270	6,210	10,585	4,000	11,719
1958	Wet	5,938	10,313	17,288	39,398	150,476	116,136	104,437	53,930	29,873	8,000	5,306	18,750
1959	Below Normal	8,750	13,616	5,111	22,321	47,943	11,856	10,728	9,402	7,100	8,376	4,000	4,594
1960	Dry	4,000	4,500	4,500	9,421	28,661	16,872	12,292	8,729	6,875	5,097	4,345	3,939
1961	Dry	4,000	6,695	8,008	9,815	33,334	13,904	8,860	8,287	7,100	5,324	4,048	3,000
1962	Below Normal	4,934	4,500	11,492	6,000	57,262	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,014	5,497	23,297	16,149	75,167	23,748	98,338	30,011	8,740	10,382	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,944	9,487	7,831	9,904	9,356	7,543	5,000	3,952	3,667
1965	Wet	4,000	10,923	81,625	113,359	32,919	18,087	51,729	20,381	9,533	8,672	4,000	20,000
1966	Below Normal	7,813	15,469	6,985	24,816	20,917	18,141	15,839	9,952	6,422	8,382	4,000	4,214
1967	Wet	4,000	10,038	34,040	50,069	50,515	56,420	58,518	56,320	41,076	13,724	4,000	20,469
1968	Below Normal	7,500	13,849	5,174	21,818	58,545	30,277	11,483	10,741	6,250	8,723	4,000	3,613
1969	Wet	4,000	5,704	14,816	119,778	132,110	64,541	59,212	63,387	34,265	8,000	4,000	22,188
1970	Wet	7,031	14,641	46,615	207,434	75,447	36,364	14,486	13,717	7,681	10,858	4,000	18,438
1971	Wet	8,438	15,313	49,202	47,919	18,823	39,435	26,678	30,081	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,772	11,945	15,528	26,115	12,501	9,803	6,593	8,793	4,000	4,402
1973	Above Normal	4,000	11,966	21,389	80,077	86,530	54,702	20,054	18,923	9,383	8,503	4,000	11,719
1974	Wet	6,250	51,272	62,755	131,618	38,663	107,576	70,264	23,968	15,175	8,000	4,883	19,375
1975	Wet	7,969	14,573	5,373	9,606	55,500	84,561	27,612	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,049	7,101	7,990	9,716	8,748	4,000	4,385	4,236	3,708	3,056
1977	Critical	5,749	3,500	4,575	7,032	7,714	7,239	7,100	4,000	4,212	4,000	3,507	3,000
1978	Above Normal	4,015	3,500	11,539	67,167	51,540	69,260	48,155	25,141	12,947	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,957	21,745	34,084	27,107	19,579	19,724	8,067	6,500	4,013	3,360
1980	Above Normal	4,416	10,212	11,548	103,383	133,289	61,744	23,105	19,136	12,234	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,178	19,429	20,488	19,782	14,364	8,984	7,100	5,000	4,204	3,096
1982	Wet	4,000	28,061	88,444	75,225	99,592	82,034	140,278	47,097	19,992	8,000	4,000	19,375
1983	Wet	13,318	41,736	82,312	106,784	177,975	259,322	89,002	77,088	68,586	33,255	16,248	21,940
1984	Wet	10,671	80,808	156,648	63,522	36,588	34,640	18,464	13,729	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,049	12,162	10,075	11,382	11,601	13,723	9,983	6,719	5,000	4,049	4,457
1986	Wet	4,000	4,731	11,415	22,482	211,684	145,610	27,945	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,900	9,705	15,920	23,042	8,956	7,632	7,100	5,000	4,215	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,098	3,000
1989	Dry	3,873	4,273	5,749	7,859	8,636	48,549	20,006	10,915	5,938	5,233	3,907	4,340
1990	Critical	4,000	4,500	4,737	14,811	11,400	11,075	9,753	6,610	4,000	4,121	4,136	3,000
1991	Critical	3,493	3,500	4,328	6,689	7,773	33,979	10,568	5,145	4,000	4,364	4,365	3,000
1992	Critical	3,163	4,106	3,500	9,483	33,269	16,741	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,512	3,500	8,404	63,426	55,595	39,233	42,002	31,051	22,332	8,000	4,000	12,500
1994	Critical	6,250	10,625	4,977	9,033	19,477	7,968	10,336	7,657	4,168	4,278	4,295	3,000
1995	Wet	5,052	3,500	9,843	115,053	50,396	211,662	68,974	83,896	39,690	21,741	8,510	14,375
1996	Wet	11,563	12,570	19,544	47,677	123,134	68,106	47,199	48,551	10,734	8,000	4,000	21,250
1997	Wet	7,813	15,625	77,480	278,453	72,044	21,783	19,838	14,405	7,006	11,239	4,000	18,750
1998	Wet	7,813	15,313	9,561	48,182	220,804	81,419	64,477	58,962	73,263	27,877	11,571	18,905
1999	Wet	8,709	20,215	30,420	40,127	92,457	60,057	30,712	21,329	10,868	8,265	4,000	20,000
2000	Above Normal	7,500	15,398	4,620	21,690	109,501	63,179	22,644	18,774	6,226	10,395	4,000	11,719
2001	Dry	5,781	10,469	4,788	13,284	24,300	22,785	12,656	7,942	7,100	5,000	4,501	3,000
2002	Dry	4,000	5,742	27,922	48,728	14,232	17,163	16,823	12,982	4,967	5,000	4,515	3,416
2003	Above Normal	4,000	4,500	37,186	61,218	21,788	18,288	28,703	43,040	7,204	8,428	4,000	12,031

Simulated Delta Outflow (Node C406)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,237	12,796	38,495	27,417	29,791	56,029	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,285	28,784	15,652	9,650	28,857	17,892	6,919	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,288	9,613	6,604	4,000	4,000	4,064	4,703	3,000
1925	Dry	3,000	4,497	8,067	8,409	70,476	13,330	29,943	17,167	5,556	5,000	4,543	3,917
1926	Dry	4,000	4,500	4,500	14,259	44,634	12,758	27,638	9,923	5,469	5,083	3,761	3,000
1927	Wet	4,000	14,272	14,555	32,184	123,434	41,496	54,125	27,008	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,868	20,988	22,913	81,784	28,749	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,796	12,282	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,643	18,847	16,246	30,226	11,632	8,459	7,100	5,000	4,274	3,398
1931	Critical	4,000	4,500	4,500	10,417	8,325	7,655	7,817	5,002	4,000	4,000	4,119	3,000
1932	Dry	3,000	3,500	14,351	17,212	14,904	10,469	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,830	7,717	13,489	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,483	3,500	8,807	14,672	14,289	10,625	9,673	7,031	7,100	4,000	3,361	3,000
1935	Below Normal	3,000	6,770	3,829	29,108	10,271	27,335	55,228	20,842	8,041	6,500	4,000	3,916
1936	Below Normal	4,000	4,500	4,500	40,907	78,428	32,398	28,631	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,253	45,358	48,196	28,773	18,373	11,113	6,500	4,000	3,000
1938	Wet	4,000	16,910	65,213	28,346	136,484	164,120	77,480	70,514	36,533	8,000	4,000	20,625
1939	Dry	7,500	13,789	4,998	7,073	8,210	10,241	9,673	9,326	5,763	5,055	3,684	3,000
1940	Above Normal	4,607	4,500	4,500	34,545	65,980	109,359	73,353	18,159	6,166	10,062	4,000	11,563
1941	Wet	5,938	10,625	36,740	97,186	115,348	89,313	79,271	47,730	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,649	78,170	136,384	23,908	56,686	40,549	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,966	76,915	54,843	84,645	34,707	19,207	7,461	10,439	4,000	19,531
1944	Dry	7,500	12,549	5,130	11,666	23,543	18,820	12,771	9,910	6,717	5,000	3,763	3,000
1945	Below Normal	4,000	6,194	12,071	9,411	51,675	22,550	17,405	15,017	7,008	6,548	4,018	3,895
1946	Below Normal	4,710	5,617	69,514	46,447	15,036	16,897	18,190	15,532	7,223	6,663	4,043	3,894
1947	Dry	4,000	4,500	8,728	7,766	14,293	20,430	12,661	7,518	7,100	5,000	4,433	3,802
1948	Below Normal	4,000	4,500	4,796	13,019	11,145	13,776	28,400	29,215	14,163	6,500	4,000	4,008
1949	Dry	4,000	4,500	6,775	7,613	8,978	46,182	14,315	11,700	6,753	5,000	4,332	4,214
1950	Below Normal	4,000	4,500	4,500	19,600	35,616	16,459	22,033	15,606	8,866	6,500	4,000	4,269
1951	Above Normal	4,303	44,510	96,646	65,855	70,536	28,640	19,398	18,683	6,172	11,093	4,000	10,938
1952	Wet	6,563	10,313	36,097	82,352	73,249	62,617	75,257	72,973	36,446	11,811	6,010	19,375
1953	Wet	9,063	13,371	26,886	99,759	21,218	17,467	20,245	25,249	20,178	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,814	52,282	44,289	44,476	12,885	7,134	11,580	4,000	11,563
1955	Dry	6,250	10,313	13,735	17,223	9,063	7,966	12,317	10,657	6,707	5,031	4,084	3,000
1956	Wet	4,920	4,500	92,023	158,887	81,615	37,507	23,995	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,558	16,316	39,486	15,197	21,269	6,210	10,586	4,000	11,719
1958	Wet	5,938	10,313	17,287	39,397	150,476	116,135	104,114	53,928	29,872	8,000	5,304	18,750
1959	Below Normal	8,750	13,616	5,111	21,195	47,639	11,851	10,728	9,403	7,100	8,376	4,000	4,630
1960	Dry	4,000	4,500	4,500	9,418	28,659	16,870	12,292	8,730	6,875	5,097	4,346	3,937
1961	Dry	4,000	6,695	7,918	9,818	33,332	13,903	8,860	8,287	7,100	5,328	4,043	3,000
1962	Below Normal	4,937	4,500	11,480	6,000	57,250	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,008	5,496	23,296	16,149	75,171	23,748	98,337	30,010	8,740	10,383	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,945	9,487	7,830	9,905	9,355	7,543	5,000	3,953	3,668
1965	Wet	4,000	10,923	81,620	113,353	32,919	18,088	51,734	20,381	9,532	8,673	4,000	20,000
1966	Below Normal	7,813	15,469	6,987	24,814	20,916	18,250	15,860	9,951	6,422	8,390	4,000	4,211
1967	Wet	4,000	10,033	34,024	50,069	50,514	56,421	58,035	55,805	40,248	11,892	4,000	20,625
1968	Below Normal	7,500	13,849	5,174	21,728	56,477	30,312	11,482	10,741	6,250	8,720	4,000	3,613
1969	Wet	4,000	5,705	14,814	118,976	129,060	62,211	59,517	59,963	32,151	8,000	4,000	21,875
1970	Wet	7,188	14,641	46,565	207,428	75,447	36,340	14,486	13,717	7,684	10,855	4,000	18,594
1971	Wet	8,438	15,313	49,143	47,920	18,822	39,199	26,678	30,080	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,771	11,945	15,528	26,115	12,501	9,803	6,593	8,793	4,000	4,403
1973	Above Normal	4,000	11,962	21,388	80,077	86,531	54,702	20,054	18,923	9,383	8,497	4,000	11,719
1974	Wet	6,250	50,905	62,755	131,415	38,662	107,576	70,263	23,968	15,174	8,000	4,882	19,375
1975	Wet	7,969	14,573	5,373	9,604	55,525	84,628	27,610	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,050	7,101	7,990	9,716	8,748	4,000	4,385	4,231	3,714	3,055
1977	Critical	5,748	3,500	4,575	7,034	7,714	7,239	7,100	4,000	4,209	4,000	3,534	3,000
1978	Above Normal	3,980	3,500	11,548	67,165	50,686	68,686	47,219	23,549	12,471	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,500	21,797	33,567	27,044	19,623	19,724	8,067	6,500	4,000	3,359
1980	Above Normal	4,219	7,896	11,585	104,076	131,322	60,759	23,103	19,134	12,233	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,189	19,425	20,475	20,296	14,360	8,980	7,100	5,000	4,236	3,135
1982	Wet	4,000	27,504	88,834	75,221	99,591	81,875	137,712	45,308	19,992	8,000	4,000	19,375
1983	Wet	13,307	40,716	81,250	103,400	176,412	257,387	88,001	77,794	69,082	33,231	16,247	21,939
1984	Wet	10,670	80,622	155,223	63,499	36,875	34,718	18,463	13,728	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,042	12,161	10,074	11,381	11,600	13,723	9,983	6,719	5,000	4,050	4,457
1986	Wet	4,000	4,731	11,413	22,481	210,007	140,927	27,944	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,898	9,708	15,920	23,042	8,956	7,632	7,100	5,000	4,168	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,095	3,000
1989	Dry	3,869	4,276	5,740	7,852	8,636	48,554	20,007	10,915	5,938	5,233	3,889	4,298
1990	Critical	4,000	4,500	4,745	14,810	11,400	11,074	9,753	6,610	4,000	4,121	4,428	3,000
1991	Critical	3,543	3,500	4,348	6,726	7,787	33,992	10,581	5,158	4,000	4,363	4,357	3,000
1992	Critical	3,174	4,077	3,500	9,526	33,266	16,738	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,507	3,500	8,402	63,424	55,592	39,238	42,006	30,959	22,352	8,000	4,000	12,500
1994	Critical	6,250	10,625	5,010	9,028	19,476	7,967	10,336	7,658	4,169	4,283	4,284	3,000
1995	Wet	5,063	3,500	9,834	114,967	50,360	209,956	67,867	86,734	39,564	20,878	8,515	14,375
1996	Wet	11,563	12,570	19,168	47,550	121,174	68,062	47,191	48,547	10,733	8,000	4,000	21,250
1997	Wet	7,813	15,625	75,683	272,482	70,957	21,781	19,838	14,405	6,915	11,302	4,000	18,750
1998	Wet	7,813	15,313	9,561	48,196	219,809	80,901	63,724	58,389	70,633	25,142	11,569	18,903
1999	Wet	8,770	20,213	30,419	40,126	92,455	60,056	30,711	21,327	10,868	8,265	4,000	20,000
2000	Above Normal	7,500	15,398	4,622	21,684	109,359	63,135	22,644	18,774	6,226	10,390	4,000	11,719
2001	Dry	5,781	10,469	4,764	13,281	24,298	22,783	12,656	7,942	7,100	5,000	4,512	3,000
2002	Dry	4,000	5,737	27,920	48,723	14,232	17,161	16,823	12,982	4,967	5,000	4,501	3,451
2003	Above Normal	4,000	4,500	37,131	61,204	21,787	18,287	28,702	43,038	7,204	8,428	4,000	12,031

Change in Simulated Delta Outflow (Node C406)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	2	-4	0	-1	0	0	0	0
1923	Below Normal	0	0	-2	-92	0	1	-8	1	1	0	0	0
1924	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1925	Dry	0	-2	-2	-4	-4	-3	-3	0	0	0	2	1
1926	Dry	0	0	0	-2	-8	0	-2	0	0	0	0	0
1927	Wet	0	-4	-4	-3	-21	-2	-2	-2	0	0	0	0
1928	Above Normal	0	0	-3	-3	-3	-14	-2	0	0	0	0	0
1929	Critical	0	0	-1	-2	-2	0	0	0	0	0	0	0
1930	Dry	0	0	-2	-3	-3	-1	0	0	0	0	1	0
1931	Critical	0	0	0	-2	-2	-2	0	2	0	0	-1	0
1932	Dry	0	0	-8	-6	-3	77	0	0	0	0	0	0
1933	Critical	0	0	0	-7	-7	-6	0	0	0	0	0	0
1934	Critical	-3	0	-2,396	-10	-10	0	0	0	0	0	78	0
1935	Below Normal	0	-25	-8	-7	-5	-6	-2	-1	0	0	0	1
1936	Below Normal	0	0	0	-19	317	-9	-5	0	0	0	0	0
1937	Below Normal	0	0	1	-5	-820	-1,341	-847	-605	73	0	0	0
1938	Wet	0	-79	-4	-58	-1,714	-2,721	-1,460	2,548	-1,203	0	0	0
1939	Dry	0	0	32	-8	0	4	0	7	33	-1	-32	0
1940	Above Normal	-237	0	0	22	249	23	-9	0	0	-13	0	0
1941	Wet	0	0	521	17	-1,157	-2	0	-1	0	0	0	0
1942	Wet	0	0	-84	0	-78	-1	-2	-2	0	0	0	0
1943	Wet	0	0	5	-352	23	-1,475	0	3	0	-150	0	156
1944	Dry	0	0	1	-4	-3	-2	0	0	0	0	-1	0
1945	Below Normal	0	0	1	1	-509	-1	1	1	0	0	0	14
1946	Below Normal	-10	97	-6	3	0	-1	2	-108	177	-107	43	69
1947	Dry	0	0	-4	0	-49	-146	4	4	0	0	12	-3
1948	Below Normal	0	0	-6	-2	0	-1	0	1	-23	0	0	0
1949	Dry	0	-38	46	-1	-1	-3	1	1	0	0	-2	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-25	-2,186	-1,392	-373	-2	0	0	0	-1	0	0
1952	Wet	0	0	4	-66	-33	-64	-396	-734	-573	26	16	0
1953	Wet	0	0	-1,422	534	-22	-19	-1	-6	-7	0	0	0
1954	Above Normal	0	0	0	112	18	-373	1	-3	-7	7	0	0
1955	Dry	0	0	-1	0	0	-1	0	-1	0	0	-1	0
1956	Wet	93	0	-787	-3,643	-862	-73	0	0	0	0	0	0
1957	Above Normal	0	0	0	-1	-1	-5	0	-1	0	0	0	0
1958	Wet	0	0	-1	-1	-1	-1	-323	-2	-2	0	-2	0
1959	Below Normal	0	0	0	-1,126	-303	-6	0	0	0	-1	0	36
1960	Dry	0	0	0	-2	-2	-2	0	1	0	0	0	-2
1961	Dry	0	0	-90	3	-2	0	0	0	0	4	-5	0
1962	Below Normal	3	0	-12	0	-12	0	0	0	0	1	0	0
1963	Wet	-6	-1	-1	-1	4	-1	-1	-1	0	0	0	0
1964	Dry	0	0	0	1	0	0	1	0	0	0	1	1
1965	Wet	0	0	-6	-6	0	1	6	0	0	1	0	0
1966	Below Normal	0	0	1	-1	-1	110	21	0	0	8	0	-2
1967	Wet	0	-5	-16	-1	-1	1	-483	-515	-827	-1,832	0	156
1968	Below Normal	0	0	0	-89	-2,067	35	0	0	0	-3	0	0
1969	Wet	0	1	-2	-802	-3,050	-2,331	305	-3,424	-2,114	0	0	-313
1970	Wet	156	0	-51	-6	0	-24	0	0	2	-3	0	156
1971	Wet	0	0	-59	1	-1	-236	0	0	0	0	0	0
1972	Below Normal	0	0	-1	0	0	0	0	0	0	-1	0	1
1973	Above Normal	0	-4	-1	0	0	0	0	0	0	-6	0	0
1974	Wet	0	-367	0	-202	0	0	-1	-1	-1	0	-1	0
1975	Wet	0	0	0	-2	25	67	-2	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-5	6	-1
1977	Critical	-1	0	0	1	0	0	0	0	-3	0	26	0
1978	Above Normal	-35	0	9	-3	-854	-574	-936	-1,592	-476	0	0	0
1979	Below Normal	0	0	-457	52	-517	-63	44	-1	0	0	-13	-1
1980	Above Normal	-198	-2,317	37	692	-1,967	-984	-2	-3	-1	0	0	0
1981	Dry	0	0	11	-4	-13	515	-4	-5	0	0	32	39
1982	Wet	0	-557	390	-4	-1	-159	-2,566	-1,789	0	0	0	0
1983	Wet	-11	-1,020	-1,062	-3,384	-1,563	-1,935	-1,001	706	496	-24	-1	-1
1984	Wet	-1	-186	-1,425	-23	287	78	-1	0	0	-1	0	0
1985	Dry	0	-7	-1	-1	-1	-1	0	0	0	0	0	0
1986	Wet	0	0	-1	-1	-1,677	-4,683	-1	0	0	0	0	0
1987	Dry	0	0	-2	2	1	0	0	0	0	0	-47	0
1988	Critical	0	0	0	-1	0	0	0	0	0	0	-3	0
1989	Dry	-4	3	-9	-7	0	5	1	0	0	0	-18	-42
1990	Critical	0	0	8	-1	0	-1	0	0	0	-1	292	0
1991	Critical	50	0	20	37	14	13	13	13	0	-1	-8	0
1992	Critical	11	-29	0	43	-3	-3	0	0	0	0	0	0
1993	Above Normal	-5	0	-2	-2	-3	5	4	-92	19	0	0	0
1994	Critical	0	0	33	-5	-1	-1	0	0	1	5	-11	0
1995	Wet	11	0	-9	-86	-36	-1,706	-1,107	2,839	-126	-863	4	0
1996	Wet	0	0	-376	-128	-1,959	-44	-8	-4	-1	0	0	0
1997	Wet	0	0	-1,797	-5,971	-1,087	-2	0	0	-92	62	0	0
1998	Wet	0	0	0	14	-995	-518	-753	-573	-2,630	-2,735	-2	-2
1999	Wet	61	-2	-2	-2	-2	-2	-2	-1	0	0	0	0
2000	Above Normal	0	0	2	-6	-142	-44	0	0	0	-5	0	0
2001	Dry	0	0	-23	-3	-1	-1	0	0	0	0	11	0
2002	Dry	0	-5	-3	-5	0	-1	0	0	0	0	-14	35
2003	Above Normal	0	0	-55	-14	-1	-1	-1	-1	0	1	0	0

Percent Change in Simulated Delta Outflow (Node C406)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-21%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	-3%	-3%	-3%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	-1%	-2%	-2%	4%	-3%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%	-1%	0%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	-1%	3%	-2%	1%	2%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1953	Wet	0%	0%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	2%	0%	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-13%	0%	1%
1968	Below Normal	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-1%	-2%	-4%	1%	-5%	-6%	0%	0%	-1%
1970	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1978	Above Normal	-1%	0%	0%	0%	-2%	-1%	-2%	-6%	-4%	0%	0%	0%
1979	Below Normal	0%	0%	-9%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	-23%	0%	1%	-1%	-2%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	0%	-2%	0%	0%	0%	0%	-2%	-4%	0%	0%	0%	0%
1983	Wet	0%	-2%	-1%	-3%	-1%	-1%	-1%	1%	1%	0%	0%	0%
1984	Wet	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1991	Critical	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	-2%	3%	0%	-4%	0%	0%
1996	Wet	0%	0%	-2%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	-2%	-2%	-2%	0%	0%	0%	-1%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-1%	-1%	-1%	-4%	-10%	0%	0%
1999	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	215	233	292	360	439	424	196	276	524	503	342	292
1923	Above Normal	303	333	413	439	439	441	392	468	430	347	229	211
1924	Critical	235	261	275	287	271	273	314	316	233	159	134	159
1925	Below Normal	160	177	207	239	313	292	293	365	360	283	191	182
1926	Dry	207	226	247	262	294	295	382	496	433	277	171	176
1927	Above Normal	180	219	267	307	423	438	349	442	490	402	255	213
1928	Below Normal	233	309	348	378	387	438	450	515	436	277	183	183
1929	Critical	165	158	166	174	168	145	161	244	228	171	142	176
1930	Critical	153	135	138	149	163	147	213	222	239	168	140	175
1931	Critical	158	148	153	162	166	133	184	205	162	131	131	151
1932	Above Normal	155	153	216	287	439	441	325	356	473	424	268	220
1933	Dry	231	255	268	292	282	278	264	193	258	227	164	181
1934	Critical	183	179	213	253	276	314	402	382	284	188	158	169
1935	Above Normal	160	167	195	253	314	281	242	374	508	388	243	209
1936	Above Normal	227	258	275	311	439	479	448	523	501	380	242	205
1937	Wet	213	235	268	300	439	479	358	524	524	421	265	220
1938	Wet	238	266	428	439	429	479	362	307	524	524	422	346
1939	Dry	357	374	394	434	439	478	523	505	387	251	158	168
1940	Above Normal	183	177	179	294	387	449	389	523	504	336	180	156
1941	Wet	166	188	274	383	439	479	348	364	463	475	324	243
1942	Wet	247	271	351	439	439	466	402	354	466	442	287	229
1943	Wet	241	295	336	412	439	479	456	523	496	379	244	210
1944	Below Normal	217	243	262	289	301	310	260	323	319	251	177	184
1945	Above Normal	199	246	299	338	439	458	346	416	470	406	265	226
1946	Above Normal	273	354	439	439	439	453	417	524	494	360	225	201
1947	Dry	226	296	379	424	439	466	456	521	417	266	172	180
1948	Below Normal	177	178	184	193	185	131	136	225	292	216	165	189
1949	Below Normal	194	192	210	227	236	211	239	336	355	234	160	176
1950	Below Normal	193	202	218	256	320	298	338	410	398	278	175	181
1951	Above Normal	202	357	381	439	439	456	378	380	347	256	178	184
1952	Wet	192	198	261	398	439	397	291	485	524	521	408	343
1953	Below Normal	336	341	373	439	439	442	415	369	314	269	187	189
1954	Below Normal	189	191	204	230	264	275	316	440	410	294	191	178
1955	Dry	192	206	236	273	299	284	240	258	316	226	165	179
1956	Wet	181	180	351	351	439	479	392	388	446	412	289	240
1957	Below Normal	265	294	312	344	367	364	293	302	369	282	188	188
1958	Wet	206	220	261	298	378	426	348	474	524	502	371	313
1959	Dry	310	317	323	359	407	475	523	497	400	254	147	178
1960	Critical	179	170	169	176	200	189	274	308	272	185	155	172
1961	Critical	153	151	176	188	198	166	230	235	198	136	136	161
1962	Below Normal	167	175	205	234	401	367	320	393	466	389	249	214
1963	Above Normal	233	259	270	304	439	452	325	341	424	379	252	222
1964	Dry	243	315	355	383	371	369	358	357	315	210	161	175
1965	Wet	161	176	299	439	439	417	286	298	326	289	240	220
1966	Below Normal	236	339	412	439	439	478	520	523	425	261	157	163
1967	Wet	151	162	367	439	439	399	292	326	524	524	444	363
1968	Dry	302	290	299	323	306	351	405	435	354	219	167	187
1969	Wet	167	179	223	351	372	326	191	375	524	524	445	354
1970	Above Normal	318	320	344	439	439	479	415	426	414	290	200	197
1971	Below Normal	197	219	288	353	386	376	336	339	323	240	172	186
1972	Dry	201	218	272	308	332	386	354	359	319	199	133	176
1973	Above Normal	175	189	227	294	385	379	257	493	524	398	254	216
1974	Wet	243	336	426	439	439	479	424	478	495	377	246	209
1975	Wet	229	262	294	329	365	395	239	319	496	390	240	212
1976	Critical	256	302	327	342	339	370	391	380	269	162	132	176
1977	Critical	182	182	194	211	217	219	240	213	181	141	131	152
1978	Wet	152	152	230	388	439	479	393	413	524	524	434	439
1979	Above Normal	393	391	400	439	439	479	438	523	509	363	228	200
1980	Wet	222	262	291	380	405	479	475	452	461	524	416	349
1981	Dry	354	368	388	422	437	462	465	512	432	268	177	184
1982	Wet	178	230	286	392	439	447	524	524	524	523	440	440
1983	Wet	439	432	418	412	439	475	228	131	524	524	515	456
1984	Above Normal	406	437	407	439	439	478	385	440	401	296	209	207
1985	Dry	231	283	324	360	375	380	434	487	396	252	159	179
1986	Wet	182	202	262	341	393	479	421	491	524	456	313	273
1987	Critical	301	322	335	359	362	389	443	457	356	205	140	152
1988	Critical	135	139	157	205	224	219	277	295	251	174	149	172
1989	Critical	154	143	156	170	186	209	320	363	304	196	156	179
1990	Critical	175	173	184	201	213	207	297	287	230	171	152	166
1991	Critical	152	140	142	143	136	146	152	193	240	175	143	184
1992	Critical	170	168	183	201	244	239	343	388	287	194	158	173
1993	Wet	158	151	175	347	439	479	313	387	450	437	291	236
1994	Critical	252	270	289	317	321	356	392	409	349	229	156	172
1995	Wet	195	219	259	439	439	479	333	288	524	524	489	385
1996	Wet	293	270	286	337	434	479	371	488	490	381	246	211
1997	Wet	226	325	429	351	422	479	447	523	432	290	159	150
1998	Wet	170	204	239	334	439	479	440	350	524	524	452	363
1999	Above Normal	308	309	330	380	392	419	364	423	449	312	204	198
2000	Above Normal	213	225	238	306	382	439	407	519	519	360	226	199
2001	Dry	219	246	262	285	289	332	341	449	379	241	164	177
2002	Dry	167	171	222	276	304	288	353	404	375	260	168	173
2003	Below Normal	166	212	250	303	339	327	273	331	399	269	182	182

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1923	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1924	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1925	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1926	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1927	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1928	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1929	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1930	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1931	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1932	Above Normal	340	340	340	340	345	340	340	340	340	340	340	340
1933	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1934	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1935	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1936	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1937	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1938	Wet	340	340	340	340	340	340	340	340	449	449	340	340
1939	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1940	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1941	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1942	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1943	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1944	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1945	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1946	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1947	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1948	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1949	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1950	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1951	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1952	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1953	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1954	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1955	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1956	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1957	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1958	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1959	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1960	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1961	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1962	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1963	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1964	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1965	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1966	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1967	Wet	340	340	340	340	340	340	340	340	340	394	340	340
1968	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1969	Wet	340	340	340	341	340	340	340	340	449	449	340	340
1970	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1971	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340
1972	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1973	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1974	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1975	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1976	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1977	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1978	Wet	340	340	340	344	348	340	340	340	353	449	340	340
1979	Above Normal	340	340	340	340	340	340	340	378	358	340	340	340
1980	Wet	340	340	340	340	340	340	340	340	340	386	340	340
1981	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1982	Wet	340	340	340	340	340	340	340	340	351	355	340	340
1983	Wet	340	340	343	340	340	404	340	340	449	449	421	347
1984	Above Normal	340	362	340	364	361	404	340	343	340	340	340	340
1985	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1986	Wet	340	340	340	340	340	340	340	340	397	340	340	340
1987	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1988	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1989	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1990	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1991	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1992	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1993	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1994	Critical	340	340	340	340	340	340	340	340	340	340	340	340
1995	Wet	340	340	340	340	340	340	340	340	423	449	387	340
1996	Wet	340	340	340	340	340	363	340	418	388	340	340	340
1997	Wet	340	340	340	340	347	404	372	442	340	340	340	340
1998	Wet	340	340	340	340	340	340	340	340	340	449	340	340
1999	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2000	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2001	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2002	Dry	340	340	340	340	340	340	340	340	340	340	340	340
2003	Below Normal	340	340	340	340	340	340	340	340	340	340	340	340

Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	125	107	48	-19	-99	-84	144	64	-184	-163	-2	48
1923	Above Normal	37	7	-73	-99	-99	-101	-52	-128	-90	-7	111	129
1924	Critical	105	79	66	53	70	67	26	24	108	181	206	181
1925	Below Normal	180	163	133	101	27	48	47	-25	-19	57	149	158
1926	Dry	133	114	93	78	46	45	-42	-156	-93	63	170	164
1927	Above Normal	160	121	73	33	-83	-98	-9	-102	-150	-62	85	127
1928	Below Normal	107	31	-8	-38	-47	-98	-110	-175	-96	63	157	157
1929	Critical	175	182	174	167	172	195	179	96	113	169	198	164
1930	Critical	187	205	203	191	177	193	127	119	102	172	200	165
1931	Critical	182	192	187	178	174	207	156	135	178	209	209	189
1932	Above Normal	185	187	124	53	-94	-101	15	-16	-133	-84	72	120
1933	Dry	109	85	72	48	58	62	76	147	82	113	176	159
1934	Critical	157	161	127	88	64	26	-62	-42	56	152	182	171
1935	Above Normal	180	173	145	87	26	59	99	-34	-168	-47	97	131
1936	Above Normal	113	82	65	29	-99	-138	-108	-183	-161	-40	99	135
1937	Wet	127	105	72	40	-99	-138	-17	-184	-184	-81	75	120
1938	Wet	102	74	-88	-99	-89	-138	-22	33	-75	-75	-82	-6
1939	Dry	-17	-34	-54	-94	-99	-138	-183	-165	-47	89	182	172
1940	Above Normal	157	163	161	46	-46	-109	-49	-183	-164	5	160	184
1941	Wet	174	152	66	-43	-99	-138	-8	-24	-123	-135	16	97
1942	Wet	94	69	-11	-99	-99	-125	-62	-14	-126	-101	53	111
1943	Wet	99	46	4	-72	-99	-138	-116	-183	-156	-38	96	130
1944	Below Normal	123	97	78	51	39	30	80	17	21	89	163	156
1945	Above Normal	141	94	41	2	-99	-118	-6	-76	-130	-66	75	114
1946	Above Normal	68	-14	-99	-99	-99	-113	-77	-183	-154	-19	116	139
1947	Dry	114	44	-39	-84	-99	-126	-116	-181	-77	74	168	160
1948	Below Normal	163	163	156	147	155	209	204	115	48	124	175	151
1949	Below Normal	146	148	130	113	104	129	101	5	-15	106	180	164
1950	Below Normal	147	139	122	84	20	42	2	-70	-58	62	166	159
1951	Above Normal	138	-17	-41	-99	-99	-115	-38	-40	-7	85	162	156
1952	Wet	148	142	79	-57	-99	-56	49	-145	-184	-181	-68	-3
1953	Below Normal	4	0	-32	-99	-99	-101	-75	-29	26	71	153	151
1954	Below Normal	151	149	136	110	76	65	25	-100	-70	46	149	162
1955	Dry	148	134	104	67	41	56	100	82	25	114	175	161
1956	Wet	159	160	-10	-10	-99	-138	-52	-48	-106	-72	51	100
1957	Below Normal	75	46	28	-4	-27	-24	48	38	-29	58	152	152
1958	Wet	134	120	79	42	-38	-85	-8	-134	-184	-161	-31	27
1959	Dry	30	24	17	-19	-67	-135	-183	-157	-60	86	193	162
1960	Critical	161	171	171	164	140	151	66	32	69	155	185	168
1961	Critical	187	189	164	153	142	174	110	105	142	204	204	179
1962	Below Normal	173	165	135	107	-60	-27	20	-53	-126	-49	91	126
1963	Above Normal	107	81	71	36	-99	-112	15	-1	-84	-39	88	118
1964	Dry	97	25	-15	-43	-31	-29	-18	-17	25	130	180	165
1965	Wet	179	164	42	-99	-99	-77	54	42	14	51	100	120
1966	Below Normal	104	2	-72	-99	-99	-138	-180	-183	-85	79	183	177
1967	Wet	189	179	-27	-99	-99	-59	48	14	-184	-130	-104	-23
1968	Dry	38	50	42	17	34	-11	-65	-95	-14	121	174	153
1969	Wet	174	161	117	-9	-32	14	149	-35	-75	-75	-105	-14
1970	Above Normal	22	20	-4	-99	-99	-138	-75	-86	-74	50	140	143
1971	Below Normal	143	121	52	-13	-46	-36	5	1	17	100	168	154
1972	Dry	139	122	68	32	8	-46	-14	-19	21	141	207	164
1973	Above Normal	166	151	113	46	-45	-39	83	-153	-184	-58	86	124
1974	Wet	97	4	-86	-99	-99	-138	-84	-138	-155	-37	94	131
1975	Wet	111	79	46	11	-25	-55	102	21	-156	-50	100	128
1976	Critical	84	38	13	-2	1	-30	-51	-39	71	178	208	164
1977	Critical	158	159	146	129	123	121	100	127	159	199	209	188
1978	Wet	188	188	110	-44	-91	-138	-53	-73	-171	-75	-94	-99
1979	Above Normal	-53	-51	-60	-99	-99	-138	-98	-145	-152	-23	112	140
1980	Wet	118	78	49	-40	-65	-138	-135	-112	-121	-138	-76	-8
1981	Dry	-14	-28	-48	-82	-96	-122	-125	-172	-92	72	163	156
1982	Wet	162	110	54	-52	-98	-107	-184	-184	-173	-168	-100	-100
1983	Wet	-99	-92	-75	-72	-99	-71	112	209	-75	-75	-94	-109
1984	Above Normal	-66	-75	-67	-75	-78	-75	-45	-97	-61	44	131	133
1985	Dry	109	57	16	-19	-35	-40	-94	-147	-56	88	181	161
1986	Wet	158	138	79	-1	-53	-138	-81	-151	-127	-116	27	67
1987	Critical	39	18	5	-18	-22	-49	-103	-117	-16	135	200	188
1988	Critical	205	202	183	135	116	121	63	45	89	166	191	168
1989	Critical	186	197	185	170	154	131	20	-22	36	144	185	161
1990	Critical	165	167	156	139	127	133	43	53	110	169	188	174
1991	Critical	188	200	198	197	204	194	188	147	101	166	197	156
1992	Critical	170	172	157	139	96	102	-3	-48	53	146	182	167
1993	Wet	182	189	165	-7	-99	-138	27	-47	-110	-97	49	104
1994	Critical	88	71	51	23	19	-16	-52	-69	-8	111	184	169
1995	Wet	145	121	81	-99	-99	-138	7	52	-101	-75	-102	-45
1996	Wet	47	70	54	3	-94	-115	-30	-69	-103	-41	94	129
1997	Wet	115	15	-89	-10	-75	-75	-75	-81	-92	50	181	190
1998	Wet	170	136	101	6	-99	-138	-100	-10	-184	-75	-112	-23
1999	Above Normal	32	31	10	-40	-52	-79	-24	-83	-109	28	136	142
2000	Above Normal	128	116	102	34	-42	-99	-67	-179	-179	-20	115	141
2001	Dry	121	94	78	55	51	8	-1	-109	-39	99	177	163
2002	Dry	173	169	118	64	36	52	-13	-64	-35	80	172	167
2003	Below Normal	174	129	90	37	2	13	67	9	-59	71	158	158

Percent Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	58%	46%	16%	-5%	-23%	-20%	73%	23%	-35%	-32%	-1%	17%
1923	Above Normal	12%	2%	-18%	-23%	-23%	-23%	-13%	-27%	-21%	-2%	48%	61%
1924	Critical	45%	30%	24%	19%	26%	25%	8%	8%	46%	114%	154%	113%
1925	Below Normal	113%	92%	64%	42%	9%	17%	16%	-7%	-5%	20%	78%	86%
1926	Dry	64%	50%	38%	30%	16%	15%	-11%	-32%	-21%	23%	99%	93%
1927	Above Normal	89%	55%	27%	11%	-20%	-22%	-2%	-23%	-31%	-15%	33%	60%
1928	Below Normal	46%	10%	-2%	-10%	-12%	-22%	-24%	-34%	-22%	23%	85%	86%
1929	Critical	106%	115%	105%	96%	102%	134%	111%	39%	49%	99%	139%	93%
1930	Critical	122%	152%	147%	129%	108%	132%	60%	53%	43%	102%	143%	94%
1931	Critical	115%	129%	122%	110%	105%	156%	85%	66%	110%	160%	160%	125%
1932	Above Normal	119%	122%	58%	19%	-22%	-23%	5%	-5%	-28%	-20%	27%	55%
1933	Dry	47%	33%	27%	17%	20%	22%	29%	76%	32%	50%	107%	88%
1934	Critical	86%	90%	60%	35%	23%	8%	-15%	-11%	20%	81%	116%	101%
1935	Above Normal	113%	103%	75%	34%	8%	21%	41%	-9%	-33%	-12%	40%	62%
1936	Above Normal	50%	32%	24%	9%	-23%	-29%	-24%	-35%	-32%	-10%	41%	66%
1937	Wet	60%	45%	27%	13%	-23%	-29%	-5%	-35%	-35%	-19%	28%	54%
1938	Wet	43%	28%	-21%	-23%	-21%	-29%	-6%	11%	-14%	-14%	-19%	-2%
1939	Dry	-5%	-9%	-14%	-22%	-23%	-29%	-35%	-33%	-12%	36%	116%	102%
1940	Above Normal	86%	92%	90%	16%	-12%	-24%	-13%	-35%	-32%	1%	89%	117%
1941	Wet	104%	80%	24%	-11%	-23%	-29%	-2%	-7%	-27%	-28%	5%	40%
1942	Wet	38%	26%	-3%	-23%	-23%	-27%	-15%	-4%	-27%	-23%	19%	49%
1943	Wet	41%	15%	1%	-18%	-23%	-29%	-25%	-35%	-31%	-10%	40%	62%
1944	Below Normal	57%	40%	30%	18%	13%	10%	31%	5%	6%	35%	92%	84%
1945	Above Normal	71%	38%	14%	0%	-23%	-26%	-2%	-18%	-28%	-16%	28%	51%
1946	Above Normal	25%	-4%	-23%	-23%	-23%	-25%	-18%	-35%	-31%	-5%	51%	69%
1947	Dry	50%	15%	-10%	-20%	-23%	-27%	-25%	-35%	-19%	28%	98%	89%
1948	Below Normal	92%	92%	85%	76%	84%	160%	150%	51%	16%	57%	106%	80%
1949	Below Normal	75%	77%	62%	50%	44%	61%	42%	1%	-4%	45%	113%	93%
1950	Below Normal	76%	69%	56%	33%	6%	14%	1%	-17%	-15%	22%	95%	88%
1951	Above Normal	68%	-5%	-11%	-23%	-23%	-25%	-10%	-11%	-2%	33%	91%	85%
1952	Wet	77%	72%	30%	-14%	-23%	-14%	17%	-30%	-35%	-35%	-17%	-1%
1953	Below Normal	1%	0%	-9%	-23%	-23%	-23%	-18%	-8%	8%	26%	82%	80%
1954	Below Normal	80%	78%	67%	48%	29%	24%	8%	-23%	-17%	16%	78%	91%
1955	Dry	77%	65%	44%	25%	14%	20%	42%	32%	8%	50%	107%	89%
1956	Wet	88%	89%	-3%	-3%	-23%	-29%	-13%	-12%	-24%	-17%	18%	42%
1957	Below Normal	28%	16%	9%	-1%	-7%	-7%	16%	13%	-8%	21%	81%	81%
1958	Wet	65%	55%	30%	14%	-10%	-20%	-2%	-28%	-35%	-32%	-8%	9%
1959	Dry	10%	7%	5%	-5%	-16%	-28%	-35%	-32%	-15%	34%	131%	91%
1960	Critical	89%	101%	101%	93%	70%	80%	24%	10%	25%	84%	119%	98%
1961	Critical	122%	125%	93%	81%	71%	105%	48%	45%	72%	150%	151%	111%
1962	Below Normal	104%	94%	66%	46%	-15%	-7%	6%	-14%	-27%	-13%	36%	59%
1963	Above Normal	46%	31%	26%	12%	-23%	-25%	5%	0%	-20%	-10%	35%	53%
1964	Dry	40%	8%	-4%	-11%	-8%	-8%	-5%	-5%	8%	62%	112%	95%
1965	Wet	111%	93%	14%	-23%	-23%	-19%	19%	14%	4%	18%	41%	54%
1966	Below Normal	44%	0%	-17%	-23%	-23%	-29%	-35%	-35%	-20%	30%	117%	108%
1967	Wet	125%	110%	-7%	-23%	-23%	-15%	17%	4%	-35%	-25%	-23%	-6%
1968	Dry	13%	17%	14%	5%	11%	-3%	-16%	-22%	-4%	55%	104%	82%
1969	Wet	104%	90%	52%	-3%	-9%	4%	78%	-9%	-14%	-14%	-24%	-4%
1970	Above Normal	7%	6%	-1%	-23%	-23%	-29%	-18%	-20%	-18%	17%	70%	73%
1971	Below Normal	72%	55%	18%	-4%	-12%	-9%	1%	0%	5%	42%	98%	83%
1972	Dry	69%	56%	25%	10%	2%	-12%	-4%	-5%	7%	71%	156%	93%
1973	Above Normal	95%	80%	50%	16%	-12%	-10%	32%	-31%	-35%	-15%	34%	57%
1974	Wet	40%	1%	-20%	-23%	-23%	-29%	-20%	-29%	-31%	-10%	38%	63%
1975	Wet	49%	30%	16%	3%	-7%	-14%	43%	7%	-32%	-13%	42%	61%
1976	Critical	33%	13%	4%	-1%	0%	-8%	-13%	-10%	26%	110%	157%	93%
1977	Critical	87%	87%	76%	61%	57%	55%	42%	59%	88%	141%	160%	124%
1978	Wet	124%	123%	48%	-11%	-21%	-29%	-13%	-18%	-33%	-14%	-22%	-23%
1979	Above Normal	-14%	-13%	-15%	-23%	-23%	-29%	-22%	-28%	-30%	-6%	49%	70%
1980	Wet	53%	30%	17%	-10%	-16%	-29%	-28%	-25%	-26%	-26%	-18%	-2%
1981	Dry	-4%	-8%	-12%	-19%	-22%	-26%	-27%	-34%	-21%	27%	92%	85%
1982	Wet	91%	48%	19%	-13%	-22%	-24%	-35%	-35%	-33%	-32%	-23%	-23%
1983	Wet	-23%	-21%	-18%	-18%	-23%	-15%	49%	160%	-14%	-14%	-18%	-24%
1984	Above Normal	-16%	-17%	-16%	-17%	-18%	-16%	-12%	-22%	-15%	15%	63%	65%
1985	Dry	47%	20%	5%	-5%	-9%	-11%	-22%	-30%	-14%	35%	113%	90%
1986	Wet	87%	68%	30%	0%	-13%	-29%	-19%	-31%	-24%	-25%	9%	24%
1987	Critical	13%	6%	2%	-5%	-6%	-13%	-23%	-26%	-4%	66%	143%	124%
1988	Critical	152%	145%	117%	66%	52%	55%	23%	15%	35%	96%	128%	97%
1989	Critical	120%	138%	119%	100%	83%	63%	6%	-6%	12%	73%	119%	90%
1990	Critical	94%	97%	85%	69%	60%	65%	14%	18%	48%	98%	124%	104%
1991	Critical	123%	142%	140%	137%	150%	133%	123%	76%	42%	95%	138%	85%
1992	Critical	100%	102%	85%	69%	39%	43%	-1%	-12%	19%	75%	115%	96%
1993	Wet	116%	126%	95%	-2%	-23%	-29%	9%	-12%	-24%	-22%	17%	44%
1994	Critical	35%	26%	18%	7%	6%	-4%	-13%	-17%	-2%	48%	118%	98%
1995	Wet	75%	55%	31%	-23%	-23%	-29%	2%	18%	-19%	-14%	-21%	-12%
1996	Wet	16%	26%	19%	1%	-22%	-24%	-8%	-14%	-21%	-11%	38%	61%
1997	Wet	51%	5%	-21%	-3%	-18%	-16%	-17%	-15%	-21%	17%	114%	127%
1998	Wet	100%	66%	42%	2%	-23%	-29%	-23%	-3%	-35%	-14%	-25%	-6%
1999	Above Normal	11%	10%	3%	-10%	-13%	-19%	-7%	-20%	-24%	9%	67%	72%
2000	Above Normal	60%	51%	43%	11%	-11%	-22%	-17%	-34%	-34%	-6%	51%	71%
2001	Dry	56%	38%	30%	19%	18%	3%	0%	-24%	-10%	41%	108%	92%
2002	Dry	104%	99%	53%	23%	12%	18%	-4%	-16%	-9%	31%	102%	97%
2003	Below Normal	105%	61%	36%	12%	0%	4%	25%	3%	-15%	27%	87%	86%

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	532	550	609	676	768	737	619	793	1,128	1,073	859	732
1923	Above Normal	661	661	710	754	731	730	680	754	706	610	483	458
1924	Critical	474	491	496	497	477	479	519	520	434	357	330	353
1925	Below Normal	352	369	399	431	504	483	486	560	558	486	397	389
1926	Dry	411	428	446	458	490	491	578	692	629	474	368	373
1927	Above Normal	376	414	462	501	617	633	546	643	748	655	505	460
1928	Below Normal	472	540	570	589	596	647	660	729	654	499	409	408
1929	Critical	385	373	376	377	370	346	362	443	425	367	336	369
1930	Critical	344	326	328	339	353	336	402	411	429	360	332	367
1931	Critical	349	339	343	352	355	325	375	395	353	325	325	343
1932	Above Normal	346	343	406	477	630	638	529	571	694	653	505	459
1933	Dry	464	480	484	497	487	483	467	395	458	424	359	374
1934	Critical	375	371	404	443	467	504	592	572	476	382	352	363
1935	Above Normal	353	360	387	445	506	478	450	607	736	605	466	443
1936	Above Normal	458	482	490	516	672	737	700	847	822	673	512	463
1937	Wet	460	474	498	529	723	848	813	1,042	1,088	898	653	548
1938	Wet	533	544	722	809	879	1,042	1,024	1,121	1,331	1,331	1,299	1,127
1939	Dry	1,052	1,038	1,025	1,033	969	1,013	1,090	1,030	841	624	469	448
1940	Above Normal	447	433	424	529	615	682	640	806	823	640	478	447
1941	Wet	449	463	543	651	798	871	847	950	1,106	1,089	903	753
1942	Wet	695	692	749	843	856	865	833	892	1,064	1,001	803	689
1943	Wet	631	656	668	779	841	999	947	1,078	994	801	595	524
1944	Below Normal	514	531	539	553	553	560	509	571	562	488	409	412
1945	Above Normal	420	462	509	541	739	754	638	703	749	670	517	471
1946	Above Normal	509	581	692	760	768	778	737	852	803	645	491	456
1947	Dry	472	534	608	641	661	687	677	742	636	483	386	392
1948	Below Normal	386	384	387	393	384	325	329	418	485	410	358	381
1949	Below Normal	385	383	400	418	426	401	430	526	547	428	354	370
1950	Below Normal	386	394	410	448	512	490	530	604	594	477	375	381
1951	Above Normal	401	555	841	1,031	1,123	1,114	978	915	815	652	507	466
1952	Wet	454	450	503	626	677	705	723	992	1,202	1,180	1,037	891
1953	Below Normal	801	778	781	840	793	793	759	703	623	551	446	436
1954	Below Normal	426	421	424	440	469	479	519	642	611	494	389	375
1955	Dry	387	401	431	468	494	479	435	453	510	421	359	373
1956	Wet	373	372	665	922	1,104	1,176	1,116	1,117	1,227	1,175	1,020	872
1957	Below Normal	805	797	778	770	725	717	638	635	678	562	446	434
1958	Wet	442	448	480	506	581	618	657	904	1,067	1,022	868	747
1959	Dry	677	661	646	660	663	730	780	748	642	484	368	393
1960	Critical	391	378	374	377	399	387	472	505	468	380	349	365
1961	Critical	345	343	368	379	389	356	420	425	389	328	327	352
1962	Below Normal	357	365	394	423	590	558	519	616	680	591	450	426
1963	Above Normal	442	460	462	487	668	681	559	582	665	620	495	464
1964	Dry	478	541	573	589	576	574	562	560	517	410	358	370
1965	Wet	356	370	492	714	815	787	647	645	646	579	505	472
1966	Below Normal	476	570	634	683	691	729	778	835	722	541	423	421
1967	Wet	401	405	603	669	743	759	717	788	1,132	1,331	1,272	1,131
1968	Dry	1,033	1,009	1,002	1,010	971	1,001	1,003	963	805	601	455	434
1969	Wet	412	423	455	685	816	845	827	1,154	1,331	1,331	1,309	1,134
1970	Above Normal	1,054	1,037	1,041	1,167	1,140	1,186	1,064	1,002	913	707	534	478
1971	Below Normal	457	468	526	579	596	585	546	554	541	462	397	410
1972	Dry	421	432	480	510	532	585	554	558	518	396	329	371
1973	Above Normal	368	382	420	487	578	570	447	681	806	662	503	457
1974	Wet	474	559	640	766	794	874	790	889	936	747	551	480
1975	Wet	484	507	529	552	576	606	453	538	747	637	487	456
1976	Critical	493	531	547	552	547	576	597	584	471	362	330	371
1977	Critical	376	375	387	404	409	411	432	405	372	333	325	345
1978	Wet	345	345	422	576	757	875	858	1,003	1,331	1,331	1,322	1,279
1979	Above Normal	1,187	1,167	1,158	1,220	1,208	1,274	1,240	1,331	1,331	1,110	869	740
1980	Wet	673	680	677	908	1,095	1,211	1,169	1,202	1,308	1,331	1,221	1,050
1981	Dry	957	937	922	918	854	872	863	891	775	574	454	444
1982	Wet	427	471	517	612	731	792	996	1,196	1,331	1,331	1,226	1,153
1983	Wet	1,211	1,324	1,331	1,328	1,312	1,331	1,185	1,057	1,331	1,331	1,331	1,331
1984	Above Normal	1,282	1,331	1,323	1,331	1,331	1,331	1,302	1,331	1,235	1,035	840	740
1985	Dry	678	698	706	707	658	660	710	759	656	499	395	409
1986	Wet	405	419	473	546	826	1,107	1,150	1,289	1,331	1,270	1,062	913
1987	Critical	833	816	790	773	703	724	768	764	642	491	382	376
1988	Critical	370	381	395	440	456	449	504	519	467	381	349	369
1989	Critical	349	336	348	362	377	400	511	554	497	391	350	373
1990	Critical	369	366	377	394	405	399	489	479	423	365	345	358
1991	Critical	344	332	332	334	326	336	342	382	429	366	334	374
1992	Critical	360	358	373	390	433	428	531	577	478	388	352	367
1993	Wet	351	343	367	539	637	688	606	765	846	806	627	540
1994	Critical	530	532	536	546	543	577	612	626	560	435	356	369
1995	Wet	391	415	454	644	736	924	949	1,078	1,331	1,331	1,331	1,252
1996	Wet	1,146	1,113	1,118	1,156	1,244	1,331	1,326	1,331	1,331	1,195	972	817
1997	Wet	743	806	978	1,266	1,331	1,331	1,331	1,331	1,294	1,071	834	721
1998	Wet	651	653	656	717	861	931	953	909	1,263	1,331	1,331	1,203
1999	Above Normal	1,125	1,114	1,124	1,162	1,160	1,160	1,043	1,023	965	740	542	480
2000	Above Normal	472	473	476	530	590	647	638	770	786	605	465	445
2001	Dry	458	478	486	499	501	543	552	658	585	443	362	374
2002	Dry	362	365	416	470	497	482	546	597	570	455	364	368
2003	Below Normal	360	405	443	496	531	520	467	528	601	475	391	392

Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	532	550	609	676	768	737	619	793	1,128	1,073	859	732
1923	Above Normal	661	661	710	754	731	730	680	754	706	610	483	458
1924	Critical	474	491	496	497	477	479	519	520	434	357	330	353
1925	Below Normal	352	369	399	431	504	483	486	560	558	486	397	389
1926	Dry	411	428	446	458	490	491	578	692	629	474	368	373
1927	Above Normal	376	414	462	501	617	633	546	643	748	655	505	460
1928	Below Normal	472	540	570	589	596	647	660	729	654	499	409	408
1929	Critical	385	373	376	377	370	346	362	443	425	367	336	369
1930	Critical	344	326	328	339	353	336	402	411	429	360	332	367
1931	Critical	349	339	343	352	355	325	375	395	353	325	325	343
1932	Above Normal	346	343	406	477	630	638	529	571	694	653	505	459
1933	Dry	464	480	484	497	487	483	467	395	458	424	359	374
1934	Critical	375	371	404	443	467	504	592	572	476	382	352	363
1935	Above Normal	353	360	387	445	506	478	450	607	736	605	466	443
1936	Above Normal	458	482	490	516	672	737	700	847	822	673	512	463
1937	Wet	460	474	498	529	723	848	813	1,042	1,088	898	653	548
1938	Wet	533	544	722	809	879	1,042	1,024	1,121	1,331	1,331	1,299	1,127
1939	Dry	1,052	1,038	1,025	1,033	969	1,013	1,090	1,030	841	624	469	448
1940	Above Normal	447	433	424	529	615	682	640	806	823	640	478	447
1941	Wet	449	463	543	651	798	871	847	950	1,106	1,089	903	753
1942	Wet	695	692	749	843	856	865	833	892	1,064	1,001	803	689
1943	Wet	631	656	668	779	841	999	947	1,078	994	801	595	524
1944	Below Normal	514	531	539	553	553	560	509	571	562	488	409	412
1945	Above Normal	420	462	509	541	739	754	638	703	749	670	517	471
1946	Above Normal	509	581	692	760	768	778	737	852	803	645	491	456
1947	Dry	472	534	608	641	661	687	677	742	636	483	386	392
1948	Below Normal	386	384	387	393	384	325	329	418	485	410	358	381
1949	Below Normal	385	383	400	418	426	401	430	526	547	428	354	370
1950	Below Normal	386	394	410	448	512	490	530	604	594	477	375	381
1951	Above Normal	401	555	841	1,031	1,123	1,114	978	915	815	652	507	466
1952	Wet	454	450	503	626	677	705	723	992	1,202	1,180	1,037	891
1953	Below Normal	801	778	781	840	793	793	759	703	623	551	446	436
1954	Below Normal	426	421	424	440	469	479	519	642	611	494	389	375
1955	Dry	387	401	431	468	494	479	435	453	510	421	359	373
1956	Wet	373	372	665	922	1,104	1,176	1,116	1,117	1,227	1,175	1,020	872
1957	Below Normal	805	797	778	770	725	717	638	635	678	562	446	434
1958	Wet	442	448	480	506	581	618	657	904	1,067	1,022	868	747
1959	Dry	677	661	646	660	663	730	780	748	642	484	368	393
1960	Critical	391	378	374	377	399	387	472	505	468	380	349	365
1961	Critical	345	343	368	379	389	356	420	425	389	328	327	352
1962	Below Normal	357	365	394	423	590	558	519	616	680	591	450	426
1963	Above Normal	442	460	462	487	668	681	559	582	665	620	495	464
1964	Dry	478	541	573	589	576	574	562	560	517	410	358	370
1965	Wet	356	370	492	714	815	787	647	645	646	579	505	472
1966	Below Normal	476	570	634	683	691	729	778	835	722	541	423	421
1967	Wet	401	405	603	669	743	759	717	788	1,132	1,331	1,272	1,131
1968	Dry	1,033	1,009	1,002	1,010	971	1,001	1,003	963	805	601	455	434
1969	Wet	412	423	455	685	816	845	827	1,154	1,331	1,331	1,309	1,134
1970	Above Normal	1,054	1,037	1,041	1,167	1,140	1,186	1,064	1,002	913	707	534	478
1971	Below Normal	457	468	526	579	596	585	546	554	541	462	397	410
1972	Dry	421	432	480	510	532	585	554	558	518	396	329	371
1973	Above Normal	368	382	420	487	578	570	447	681	806	662	503	457
1974	Wet	474	559	640	766	794	874	790	889	936	747	551	480
1975	Wet	484	507	529	552	576	606	453	538	747	637	487	456
1976	Critical	493	531	547	552	547	576	597	584	471	362	330	371
1977	Critical	376	375	387	404	409	411	432	405	372	333	325	345
1978	Wet	345	345	422	576	757	875	858	1,003	1,331	1,331	1,322	1,279
1979	Above Normal	1,187	1,167	1,158	1,220	1,208	1,274	1,240	1,331	1,331	1,110	869	740
1980	Wet	673	680	677	908	1,095	1,211	1,169	1,202	1,308	1,331	1,221	1,050
1981	Dry	957	937	922	918	854	872	863	891	775	574	454	444
1982	Wet	427	471	517	612	731	792	996	1,196	1,331	1,331	1,226	1,153
1983	Wet	1,211	1,324	1,331	1,328	1,312	1,331	1,185	1,057	1,331	1,331	1,331	1,331
1984	Above Normal	1,282	1,331	1,323	1,331	1,331	1,331	1,302	1,331	1,235	1,035	840	740
1985	Dry	678	698	706	707	658	660	710	759	656	499	395	409
1986	Wet	405	419	473	546	826	1,107	1,150	1,289	1,331	1,270	1,062	913
1987	Critical	833	816	790	773	703	724	768	764	642	491	382	376
1988	Critical	370	381	395	440	456	449	504	519	467	381	349	369
1989	Critical	349	336	348	362	377	400	511	554	497	391	350	373
1990	Critical	369	366	377	394	405	399	489	479	423	365	345	358
1991	Critical	344	332	332	334	326	336	342	382	429	366	334	374
1992	Critical	360	358	373	390	433	428	531	577	478	388	352	367
1993	Wet	351	343	367	539	637	688	606	765	846	806	627	540
1994	Critical	530	532	536	546	543	577	612	626	560	435	356	369
1995	Wet	391	415	454	644	736	924	949	1,078	1,331	1,331	1,331	1,252
1996	Wet	1,146	1,113	1,118	1,156	1,244	1,331	1,326	1,331	1,331	1,195	972	817
1997	Wet	743	806	978	1,266	1,331	1,331	1,331	1,331	1,294	1,071	834	721
1998	Wet	651	653	656	717	861	931	953	909	1,263	1,331	1,331	1,203
1999	Above Normal	1,125	1,114	1,124	1,162	1,160	1,160	1,043	1,023	965	740	542	480
2000	Above Normal	472	473	476	530	590	647	638	770	786	605	465	445
2001	Dry	458	478	486	499	501	543	552	658	585	443	362	374
2002	Dry	362	365	416	470	497	482	546	597	570	455	364	368
2003	Below Normal	360	405	443	496	531	520	467	528	601	475	391	392

Percent Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1937	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1938	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1939	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1941	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1942	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1943	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1945	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1946	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1952	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1959	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1966	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1967	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1970	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1974	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1979	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1980	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1982	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1983	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1984	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1986	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1996	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1997	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,246	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,513
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,099	2,247	2,199	2,109	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,672	1,960	2,018	1,937	1,887
1968	Dry	1,830	1,839	1,851	1,869	1,926	1,971	1,860	1,759	1,698	1,613	1,530	1,482
1969	Wet	1,449	1,472	1,479	1,775	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,252	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,512
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,102	2,250	2,202	2,112	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,675	1,963	2,021	1,940	1,890
1968	Dry	1,834	1,843	1,854	1,873	1,930	1,974	1,863	1,763	1,701	1,616	1,532	1,485
1969	Wet	1,452	1,474	1,481	1,778	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	6	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	3	3	3	3	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	3	3	3	3	3
1968	Dry	3	3	3	3	3	3	3	3	3	3	3	3
1969	Wet	3	3	3	3	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,341	1,531	1,254	814	697	536	488	676
1923	Below Normal	780	954	1,211	1,317	1,405	1,410	1,189	791	473	447	466	710
1924	Critical	856	1,018	1,205	1,481	1,575	1,483	1,353	1,160	829	774	526	482
1925	Dry	651	821	1,221	1,570	1,753	1,894	1,688	1,279	864	773	522	677
1926	Dry	738	891	1,088	1,373	1,419	1,293	1,169	861	596	609	409	504
1927	Wet	528	1,002	1,311	1,524	1,779	1,836	1,516	1,046	677	624	647	837
1928	Above Normal	849	833	1,285	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	583	533	831	1,049	1,214	1,361	1,307	1,079	750	485	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	825	854	706	910
1931	Critical	972	1,100	1,268	1,599	1,811	1,778	1,614	1,378	1,016	791	506	429
1932	Dry	490	628	1,270	1,633	2,011	2,013	1,855	1,586	1,314	1,076	1,091	1,197
1933	Critical	1,290	1,407	1,678	2,018	2,039	2,039	1,921	1,685	1,296	1,049	976	960
1934	Critical	986	1,092	1,344	1,687	1,897	1,875	1,694	1,459	1,064	649	525	550
1935	Below Normal	550	739	1,116	1,482	1,708	1,825	1,581	1,161	833	768	686	877
1936	Below Normal	1,036	1,192	1,453	1,579	1,961	2,039	1,788	1,359	998	932	847	1,036
1937	Below Normal	1,183	1,267	1,660	1,935	2,039	2,039	1,811	1,462	1,162	1,000	839	783
1938	Wet	798	1,128	1,411	1,725	1,941	2,039	1,853	1,858	1,714	1,452	1,214	1,252
1939	Dry	1,194	877	1,196	1,329	1,385	1,334	1,084	719	255	211	100	149
1940	Above Normal	198	334	430	665	936	1,303	1,085	665	337	194	183	361
1941	Wet	385	384	709	1,046	1,514	1,862	1,548	1,156	836	651	568	681
1942	Wet	617	627	850	1,079	1,263	1,406	1,139	736	496	323	320	489
1943	Wet	534	626	887	1,192	1,417	1,814	1,490	1,020	582	335	211	316
1944	Dry	245	330	635	854	1,058	1,145	977	673	365	436	330	302
1945	Below Normal	379	882	1,222	1,554	1,900	2,039	1,709	1,203	687	571	548	723
1946	Below Normal	904	1,272	1,609	1,771	1,830	1,836	1,524	1,077	619	555	572	775
1947	Dry	968	1,223	1,554	1,781	1,928	1,857	1,510	1,033	530	492	206	383
1948	Below Normal	476	652	730	802	684	815	634	368	238	228	295	525
1949	Dry	653	822	1,158	1,457	1,702	1,730	1,401	940	400	274	100	293
1950	Below Normal	243	417	619	766	907	1,137	901	543	354	322	344	571
1951	Above Normal	828	1,268	1,856	2,039	2,039	2,039	1,732	1,247	828	608	576	764
1952	Wet	785	988	1,203	1,440	1,539	1,861	1,639	1,304	1,154	839	640	731
1953	Wet	648	539	904	913	986	1,159	942	582	269	250	324	567
1954	Above Normal	518	585	941	1,086	1,141	1,307	1,054	653	305	123	178	410
1955	Dry	438	676	1,205	1,538	1,764	1,824	1,605	1,248	694	725	502	504
1956	Wet	514	790	1,290	1,857	2,039	2,039	1,694	1,166	838	634	566	693
1957	Above Normal	664	687	1,073	1,219	1,143	1,196	962	580	207	126	185	366
1958	Wet	713	913	1,176	1,396	1,552	1,846	1,603	1,161	932	580	348	414
1959	Below Normal	388	379	684	718	781	959	772	441	208	200	271	470
1960	Dry	534	643	810	1,120	1,266	1,368	1,067	707	265	194	100	281
1961	Dry	222	437	926	1,230	1,324	1,531	1,275	899	287	234	100	184
1962	Below Normal	205	343	456	728	949	1,180	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,532	1,619	1,346	926	586	575	633	869
1964	Dry	921	1,206	1,584	1,809	1,765	1,721	1,424	1,014	433	452	178	354
1965	Wet	355	478	741	1,121	1,308	1,484	1,248	767	403	259	284	471
1966	Below Normal	413	721	1,213	1,363	1,436	1,464	1,209	807	341	309	359	603
1967	Wet	698	920	1,253	1,581	1,680	1,777	1,513	1,108	971	768	533	593
1968	Below Normal	589	384	723	896	855	1,019	823	489	225	206	272	466
1969	Wet	544	805	1,339	1,654	2,039	2,039	2,039	2,039	1,924	1,756	1,499	1,502
1970	Wet	1,522	1,216	1,371	1,801	1,972	2,039	1,696	1,216	704	592	599	681
1971	Wet	690	866	1,087	1,158	1,168	1,295	1,077	707	396	415	512	745
1972	Below Normal	810	765	1,292	1,529	1,454	1,400	1,155	760	299	275	346	582
1973	Above Normal	722	1,166	1,446	1,683	1,834	1,945	1,637	1,153	785	700	690	791
1974	Wet	877	1,258	1,527	1,741	1,810	1,914	1,520	991	636	439	432	590
1975	Wet	708	711	1,133	1,227	1,264	1,459	1,120	630	348	262	321	512
1976	Critical	705	658	1,097	1,285	1,425	1,552	1,382	1,073	571	464	263	339
1977	Critical	306	382	483	692	865	797	687	599	423	266	337	281
1978	Above Normal	285	316	452	752	1,203	1,471	1,312	1,050	888	726	615	771
1979	Below Normal	790	771	1,192	1,438	1,715	1,897	1,570	1,147	760	706	724	850
1980	Above Normal	1,033	1,154	1,596	1,934	2,039	2,039	1,744	1,263	918	681	502	519
1981	Dry	469	379	713	911	1,038	1,087	898	547	253	206	104	199
1982	Wet	318	748	1,007	1,255	1,679	1,991	2,024	1,673	1,385	1,051	821	891
1983	Wet	1,161	1,488	1,886	2,039	2,039	2,039	2,039	2,039	2,038	1,887	1,708	1,820
1984	Wet	1,978	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,880	2,039	1,795	1,371	1,105	904	748	624
1987	Dry	527	361	663	888	1,061	1,185	1,031	869	634	460	212	245
1988	Critical	338	490	811	1,039	1,026	1,034	971	826	536	624	607	550
1989	Dry	542	838	1,120	1,468	1,513	1,504	1,241	825	442	367	143	308
1990	Critical	361	414	653	892	993	943	788	601	247	453	328	259
1991	Critical	270	383	530	620	724	742	681	531	384	526	376	320
1992	Critical	395	485	666	779	897	1,049	915	710	486	278	203	123
1993	Above Normal	102	212	562	890	1,098	1,224	896	449	277	174	237	436
1994	Critical	519	533	980	1,202	1,371	1,392	1,135	763	190	107	100	100
1995	Wet	100	239	391	652	823	1,321	1,056	1,097	953	799	627	727
1996	Wet	520	379	510	612	1,056	1,432	1,110	708	359	251	318	513
1997	Wet	411	504	1,000	1,473	1,850	2,039	1,635	1,080	611	344	277	423
1998	Wet	350	216	620	735	1,110	1,439	1,239	925	871	774	653	802
1999	Wet	1,085	1,399	1,551	1,665	1,790	1,935	1,634	1,167	798	745	768	687
2000	Above Normal	613	646	1,050	1,110	1,350	1,639	1,337	893	539	333	354	569
2001	Dry	561	615	1,071	1,342	1,502	1,643	1,469	1,156	796	734	400	437
2002	Dry	459	706	1,076	1,313	1,539	1,618	1,278	822	344	333	136	262
2003	Above Normal	279	461	633	809	1,032	1,192	929	545	336	271	314	497

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,339	1,529	1,252	812	675	514	487	675
1923	Below Normal	779	953	1,211	1,311	1,394	1,401	1,181	784	468	443	463	708
1924	Critical	854	1,016	1,204	1,482	1,576	1,485	1,355	1,161	830	775	527	483
1925	Dry	652	822	1,221	1,570	1,753	1,895	1,689	1,280	864	772	521	676
1926	Dry	737	891	1,087	1,372	1,417	1,292	1,168	861	596	610	409	503
1927	Wet	528	1,002	1,311	1,524	1,779	1,837	1,516	1,047	677	624	647	836
1928	Above Normal	849	833	1,284	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	582	532	830	1,049	1,214	1,361	1,307	1,078	749	484	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	826	855	706	911
1931	Critical	973	1,100	1,268	1,600	1,811	1,778	1,615	1,378	1,017	791	506	430
1932	Dry	490	628	1,270	1,633	2,011	2,007	1,850	1,580	1,308	1,071	1,087	1,192
1933	Critical	1,285	1,402	1,673	2,013	2,039	2,039	1,921	1,685	1,296	1,048	974	959
1934	Critical	985	1,090	1,490	1,833	2,037	1,990	1,816	1,547	1,139	707	511	537
1935	Below Normal	536	715	1,080	1,446	1,673	1,791	1,554	1,140	810	739	655	847
1936	Below Normal	999	1,161	1,434	1,570	1,961	2,039	1,788	1,359	998	932	847	1,037
1937	Below Normal	1,184	1,267	1,660	1,936	2,039	2,039	1,795	1,432	1,086	924	763	708
1938	Wet	718	1,048	1,331	1,645	1,865	2,039	1,817	1,496	1,342	1,069	830	868
1939	Dry	815	495	816	940	1,003	975	798	483	174	171	100	145
1940	Above Normal	206	344	441	682	959	1,324	1,104	681	347	196	181	365
1941	Wet	387	397	720	1,056	1,514	1,849	1,537	1,093	776	595	541	656
1942	Wet	598	630	854	1,083	1,255	1,399	1,133	730	493	322	320	489
1943	Wet	534	626	887	1,171	1,383	1,774	1,453	985	552	320	200	305
1944	Dry	236	331	624	849	1,059	1,147	979	674	365	429	326	298
1945	Below Normal	375	878	1,218	1,549	1,835	2,025	1,696	1,191	679	567	547	723
1946	Below Normal	904	1,272	1,606	1,760	1,819	1,826	1,517	1,071	613	546	563	774
1947	Dry	965	1,222	1,555	1,785	1,927	1,863	1,515	1,036	532	492	207	382
1948	Below Normal	469	644	722	797	684	816	635	368	238	227	294	524
1949	Dry	652	820	1,154	1,453	1,698	1,726	1,399	939	399	273	100	293
1950	Below Normal	243	417	619	766	908	1,138	902	543	355	322	344	571
1951	Above Normal	829	1,269	1,817	2,039	2,039	2,039	1,732	1,246	827	607	575	765
1952	Wet	786	989	1,204	1,436	1,534	1,788	1,521	1,225	1,107	855	719	857
1953	Wet	816	858	1,263	1,208	1,226	1,317	1,095	724	312	305	388	638
1954	Above Normal	593	659	1,034	1,172	1,186	1,339	1,086	684	323	133	190	425
1955	Dry	451	694	1,224	1,558	1,783	1,841	1,618	1,255	695	719	489	501
1956	Wet	491	763	1,196	1,785	2,039	2,039	1,694	1,165	836	631	562	689
1957	Above Normal	659	682	1,067	1,213	1,137	1,193	960	578	207	126	185	366
1958	Wet	711	912	1,174	1,394	1,550	1,844	1,547	1,049	790	456	239	310
1959	Below Normal	289	379	687	725	795	971	783	450	214	201	270	472
1960	Dry	535	643	808	1,118	1,263	1,365	1,064	704	262	191	100	281
1961	Dry	221	436	926	1,230	1,323	1,531	1,274	899	287	234	100	184
1962	Below Normal	205	344	456	728	949	1,181	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,527	1,614	1,342	923	584	574	633	870
1964	Dry	922	1,207	1,585	1,810	1,767	1,723	1,425	1,015	434	452	178	354
1965	Wet	355	478	741	1,110	1,268	1,446	1,212	734	375	237	284	472
1966	Below Normal	415	721	1,213	1,361	1,435	1,463	1,209	806	341	309	359	603
1967	Wet	698	920	1,253	1,582	1,673	1,770	1,462	1,048	903	624	391	458
1968	Below Normal	443	379	705	886	855	1,023	825	491	225	205	269	463
1969	Wet	541	801	1,334	1,599	2,039	2,039	1,916	1,945	1,830	1,683	1,456	1,477
1970	Wet	1,490	1,182	1,338	1,768	1,940	2,039	1,686	1,207	696	585	593	687
1971	Wet	696	870	1,092	1,163	1,174	1,298	1,079	710	399	419	517	751
1972	Below Normal	816	770	1,297	1,532	1,456	1,402	1,157	761	300	276	347	583
1973	Above Normal	723	1,167	1,446	1,683	1,834	1,945	1,636	1,153	762	678	668	791
1974	Wet	877	1,258	1,527	1,712	1,778	1,881	1,492	968	608	421	432	592
1975	Wet	712	713	1,136	1,231	1,270	1,464	1,125	634	351	264	322	513
1976	Critical	706	660	1,100	1,287	1,426	1,553	1,383	1,073	570	462	262	337
1977	Critical	304	380	483	692	865	797	687	599	423	266	332	275
1978	Above Normal	282	314	448	748	1,133	1,380	1,211	928	663	442	350	515
1979	Below Normal	543	701	1,069	1,331	1,621	1,804	1,499	1,104	758	738	793	937
1980	Above Normal	1,122	1,318	1,774	2,039	2,039	2,039	1,801	1,365	1,056	878	763	803
1981	Dry	797	714	1,109	1,272	1,311	1,298	1,091	714	253	199	103	205
1982	Wet	328	759	1,016	1,258	1,661	1,971	2,023	1,636	1,285	951	722	793
1983	Wet	1,007	1,334	1,742	2,039	2,039	2,039	2,039	2,039	2,039	1,888	1,709	1,822
1984	Wet	1,980	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,799	2,039	1,778	1,354	1,064	861	705	581
1987	Dry	483	344	645	871	1,044	1,168	1,014	853	619	451	217	250
1988	Critical	342	495	816	1,044	1,032	1,039	977	831	539	622	604	546
1989	Dry	538	833	1,115	1,463	1,508	1,499	1,238	823	440	365	147	305
1990	Critical	357	408	646	888	990	939	784	596	240	446	257	251
1991	Critical	259	372	519	608	711	729	668	518	372	515	367	311
1992	Critical	385	477	657	767	886	1,038	906	703	482	276	204	124
1993	Above Normal	102	212	565	894	1,102	1,221	892	446	274	173	239	439
1994	Critical	522	535	985	1,208	1,377	1,396	1,140	767	192	107	100	100
1995	Wet	100	239	391	651	800	1,264	983	700	517	410	253	356
1996	Wet	235	379	513	621	1,072	1,380	1,064	670	334	240	318	516
1997	Wet	411	504	993	1,470	1,851	2,039	1,637	1,082	610	339	278	424
1998	Wet	351	217	621	736	1,086	1,412	1,200	881	837	751	639	791
1999	Wet	1,077	1,395	1,549	1,666	1,794	1,939	1,637	1,169	800	746	768	687
2000	Above Normal	613	646	1,050	1,110	1,343	1,631	1,330	887	534	326	346	562
2001	Dry	555	609	1,064	1,337	1,499	1,641	1,466	1,153	793	736	398	436
2002	Dry	457	705	1,074	1,310	1,537	1,616	1,276	821	343	332	136	265
2003	Above Normal	278	461	633	808	1,031	1,192	929	545	335	271	314	497

Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	-1	-2	-2	-2	-22	-21	-1	-1
1923	Below Normal	-1	0	0	-7	-11	-9	-8	-7	-5	-3	-3	-2
1924	Critical	-2	-1	-1	1	2	2	2	1	1	1	1	1
1925	Dry	1	0	0	0	0	1	1	1	0	0	-1	-1
1926	Dry	-1	-1	-1	-1	-1	-1	-1	-1	0	0	1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	1	1	0	0	1	1	1	1	1	0	0	0
1932	Dry	0	0	0	0	0	-6	-6	-6	-5	-5	-5	-5
1933	Critical	-5	-5	-5	-5	0	0	0	0	0	-1	-1	-1
1934	Critical	-1	-1	145	145	139	115	122	87	76	58	-14	-13
1935	Below Normal	-14	-24	-35	-36	-35	-34	-26	-22	-23	-30	-31	-30
1936	Below Normal	-37	-31	-19	-9	0	0	0	0	0	0	1	1
1937	Below Normal	1	1	1	1	0	0	-17	-30	-76	-76	-75	-75
1938	Wet	-80	-80	-80	-80	-75	0	-36	-362	-372	-383	-383	-384
1939	Dry	-380	-381	-380	-389	-382	-359	-286	-236	-81	-40	0	-4
1940	Above Normal	8	10	10	16	23	21	19	16	10	3	-2	3
1941	Wet	2	13	12	10	0	-13	-11	-63	-60	-57	-27	-26
1942	Wet	-18	3	4	4	-8	-7	-6	-5	-3	-1	0	0
1943	Wet	0	0	0	-22	-34	-40	-37	-34	-30	-15	-11	-11
1944	Dry	-9	1	-12	-5	1	2	2	1	0	-6	-4	-3
1945	Below Normal	-4	-4	-4	-5	-65	-14	-13	-11	-8	-4	-1	-1
1946	Below Normal	0	1	-3	-11	-11	-10	-8	-6	-7	-9	-9	-1
1947	Dry	-3	-2	1	4	0	6	5	4	2	-1	1	-1
1948	Below Normal	-7	-8	-9	-5	-1	1	1	-1	0	-1	-1	-1
1949	Dry	-1	-2	-4	-4	-4	-4	-2	-1	-1	-1	0	0
1950	Below Normal	0	0	0	0	1	1	1	1	0	0	0	0
1951	Above Normal	0	0	-39	0	0	0	0	0	-1	-1	-1	1
1952	Wet	1	1	1	-4	-5	-73	-119	-79	-47	16	79	125
1953	Wet	168	319	359	295	240	158	153	143	42	55	64	72
1954	Above Normal	75	75	93	86	45	33	33	31	18	10	12	15
1955	Dry	13	18	20	20	19	16	13	8	1	-7	-14	-2
1956	Wet	-24	-27	-94	-72	0	0	-1	-1	-2	-3	-4	-4
1957	Above Normal	-5	-5	-6	-6	-6	-3	-3	-2	0	0	0	-1
1958	Wet	-1	-1	-2	-2	-2	-1	-56	-112	-142	-124	-109	-104
1959	Below Normal	-98	0	3	8	14	12	11	9	6	2	-1	2
1960	Dry	1	0	-1	-2	-3	-3	-3	-3	-3	-2	0	0
1961	Dry	-1	0	0	0	0	0	0	0	0	-1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	-5	-4	-4	-3	-2	-1	0	1
1964	Dry	1	1	1	1	2	1	1	1	1	1	1	1
1965	Wet	0	0	0	-10	-39	-38	-36	-33	-28	-23	0	1
1966	Below Normal	2	0	1	-1	-1	-1	-1	-1	0	0	0	0
1967	Wet	0	0	0	0	-7	-7	-50	-61	-67	-143	-142	-135
1968	Below Normal	-145	-5	-19	-10	1	3	3	2	0	-1	-2	-3
1969	Wet	-3	-4	-4	-55	0	0	-123	-94	-94	-74	-43	-25
1970	Wet	-33	-33	-33	-33	-32	0	-10	-9	-8	-7	-6	6
1971	Wet	6	5	5	5	5	3	3	3	3	4	5	5
1972	Below Normal	6	5	5	3	2	2	1	1	1	1	1	1
1973	Above Normal	1	1	0	0	0	0	0	0	-22	-22	-22	0
1974	Wet	0	0	0	-29	-32	-33	-29	-24	-28	-18	-1	2
1975	Wet	4	1	3	4	6	5	5	4	3	2	1	1
1976	Critical	1	2	2	2	1	1	1	0	-1	-1	-1	-2
1977	Critical	-2	-3	0	0	0	0	0	0	0	0	-5	-5
1978	Above Normal	-3	-3	-3	-3	-70	-91	-101	-122	-225	-285	-265	-257
1979	Below Normal	-247	-70	-123	-107	-94	-93	-71	-43	-3	32	69	87
1980	Above Normal	89	164	179	105	0	0	57	101	138	197	261	285
1981	Dry	328	335	396	362	273	211	193	166	0	-6	-1	6
1982	Wet	11	11	10	3	-18	-20	-1	-37	-100	-100	-99	-98
1983	Wet	-154	-154	-144	0	0	0	0	0	1	1	1	2
1984	Wet	2	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-80	0	-16	-17	-42	-42	-43	-43
1987	Dry	-44	-17	-17	-17	-17	-17	-16	-16	-14	-9	4	4
1988	Critical	4	5	5	5	6	6	6	5	3	-2	-3	-4
1989	Dry	-4	-5	-5	-5	-5	-5	-3	-2	-2	-2	4	-3
1990	Critical	-4	-6	-7	-5	-3	-3	-4	-5	-6	-7	-71	-8
1991	Critical	-11	-11	-11	-13	-13	-13	-13	-13	-12	-11	-9	-9
1992	Critical	-10	-8	-8	-11	-11	-11	-9	-7	-3	-2	0	2
1993	Above Normal	0	0	3	5	4	-4	-4	-3	-3	0	2	3
1994	Critical	3	2	6	5	5	5	5	5	1	0	0	0
1995	Wet	0	0	0	-1	-23	-57	-73	-397	-436	-389	-374	-371
1996	Wet	-286	0	3	9	16	-52	-46	-38	-25	-10	-1	4
1997	Wet	0	0	-7	-3	1	0	2	2	-1	-5	1	1
1998	Wet	1	0	1	1	-25	-27	-39	-45	-35	-23	-14	-11
1999	Wet	-8	-3	-2	1	4	4	3	3	2	1	0	-1
2000	Above Normal	0	0	0	0	-8	-8	-6	-6	-6	-7	-7	-7
2001	Dry	-7	-6	-7	-5	-3	-3	-3	-3	-3	1	-1	-1
2002	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	4
2003	Above Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0

Percent Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-4%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	11%	9%	7%	6%	7%	6%	7%	9%	-3%	-2%
1935	Below Normal	-3%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	-3%	-4%	-5%	-3%
1936	Below Normal	-4%	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	-7%	-8%	-9%	-10%
1938	Wet	-10%	-7%	-6%	-5%	-4%	0%	-2%	-19%	-22%	-26%	-32%	-31%
1939	Dry	-32%	-44%	-32%	-29%	-28%	-27%	-26%	-33%	-32%	-19%	0%	-2%
1940	Above Normal	4%	3%	2%	2%	2%	2%	2%	2%	3%	1%	-1%	1%
1941	Wet	1%	3%	2%	1%	0%	-1%	-1%	-5%	-7%	-9%	-5%	-4%
1942	Wet	-3%	0%	0%	0%	-1%	0%	-1%	-1%	-1%	0%	0%	0%
1943	Wet	0%	0%	0%	-2%	-2%	-2%	-3%	-3%	-5%	-4%	-5%	-3%
1944	Dry	-4%	0%	-2%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	-1%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%	0%	0%
1946	Below Normal	0%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-2%	-2%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-4%	-7%	-6%	-4%	2%	12%	17%
1953	Wet	26%	59%	40%	32%	24%	14%	16%	25%	16%	22%	20%	13%
1954	Above Normal	14%	13%	10%	8%	4%	2%	3%	5%	6%	8%	7%	4%
1955	Dry	3%	3%	2%	1%	1%	1%	1%	1%	0%	-1%	-3%	0%
1956	Wet	-5%	-3%	-7%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%
1957	Above Normal	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-3%	-10%	-15%	-21%	-31%	-25%
1959	Below Normal	-25%	0%	0%	1%	2%	1%	1%	2%	3%	1%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	-3%	-3%	-3%	-4%	-7%	-9%	0%	0%
1966	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	-5%	-7%	-19%	-27%	-23%
1968	Below Normal	-25%	-1%	-3%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1969	Wet	-1%	0%	0%	-3%	0%	0%	-6%	-5%	-5%	-4%	-3%	-2%
1970	Wet	-2%	-3%	-2%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	1%
1971	Wet	1%	1%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1972	Below Normal	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	0%
1974	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-4%	-4%	0%	0%
1975	Wet	1%	0%	0%	0%	1%	0%	0%	1%	1%	1%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1977	Critical	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%
1978	Above Normal	-1%	-1%	-1%	0%	-6%	-6%	-8%	-12%	-25%	-39%	-43%	-33%
1979	Below Normal	-31%	-9%	-10%	-7%	-5%	-5%	-5%	-4%	0%	5%	10%	10%
1980	Above Normal	9%	14%	11%	5%	0%	0%	3%	8%	15%	29%	52%	55%
1981	Dry	70%	89%	55%	40%	26%	19%	22%	30%	0%	-3%	-1%	3%
1982	Wet	3%	2%	1%	0%	-1%	-1%	0%	-2%	-7%	-9%	-12%	-11%
1983	Wet	-13%	-10%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-4%	0%	-1%	-1%	-4%	-5%	-6%	-7%
1987	Dry	-8%	-5%	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-2%	2%	2%
1988	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	3%	-1%
1990	Critical	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-3%	-2%	-22%	-3%
1991	Critical	-4%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-3%	-2%	-2%	-3%
1992	Critical	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	1%
1993	Above Normal	0%	0%	1%	1%	0%	0%	0%	-1%	-1%	0%	1%	1%
1994	Critical	1%	0%	1%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-3%	-4%	-7%	-36%	-46%	-49%	-60%	-51%
1996	Wet	-55%	0%	1%	2%	2%	-4%	-4%	-5%	-7%	-4%	0%	1%
1997	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	-2%	-2%	-3%	-5%	-4%	-3%	-2%	-1%
1999	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-1%	0%	0%	-1%	-1%	-2%	-2%	-1%
2001	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Friant-Kern Canal Diversions (Node D18A)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	963	3,099	3,528	4,436	3,653	3,199	1,789	626	161	107	682	1,305
1923	Above Normal	816	1,652	2,074	2,951	3,102	2,719	1,526	541	146	93	93	690
1924	Critical	247	312	437	918	1,141	707	428	318	149	16	16	167
1925	Below Normal	616	1,122	1,556	2,269	2,382	2,155	1,156	422	126	73	73	413
1926	Dry	570	1,037	1,435	2,090	2,195	1,987	1,069	393	121	68	68	382
1927	Above Normal	891	1,744	2,208	4,017	3,289	2,882	1,615	570	151	98	98	731
1928	Below Normal	638	1,163	1,613	2,351	2,468	2,232	1,195	434	128	75	75	427
1929	Critical	368	463	657	1,425	1,780	1,075	630	466	200	16	16	249
1930	Critical	359	452	640	1,386	1,730	1,046	615	454	196	16	16	242
1931	Critical	161	207	284	568	702	419	288	217	114	16	16	193
1932	Above Normal	899	1,811	2,292	3,263	3,429	3,004	1,682	591	155	101	101	789
1933	Dry	580	1,055	1,463	2,134	2,241	2,028	1,090	400	122	69	69	389
1934	Critical	327	412	581	1,248	1,557	946	560	414	182	16	16	220
1935	Above Normal	802	1,624	2,041	2,905	3,053	2,676	1,503	534	145	92	92	471
1936	Above Normal	1,169	1,639	3,262	3,283	3,130	2,743	1,539	545	147	94	94	390
1937	Wet	508	1,356	1,911	4,121	3,070	2,691	1,511	536	146	430	1,263	1,907
1938	Wet	326	782	1,687	4,462	4,487	3,580	2,208	897	278	220	220	1,024
1939	Dry	785	1,925	1,376	2,002	2,103	1,904	1,026	380	119	66	66	353
1940	Above Normal	795	1,567	2,217	3,397	2,873	2,519	1,417	506	140	87	87	573
1941	Wet	1,541	3,075	2,485	4,362	3,777	3,391	2,093	852	266	209	541	1,926
1942	Wet	957	1,886	3,466	4,396	3,621	3,172	1,774	625	160	106	102	2,033
1943	Wet	508	1,464	3,184	3,250	3,203	2,807	1,574	557	149	95	95	712
1944	Below Normal	624	1,137	1,577	2,301	2,416	2,186	1,171	427	127	74	74	390
1945	Above Normal	932	1,855	2,360	3,433	3,548	3,107	1,739	610	158	595	1,218	986
1946	Above Normal	778	1,574	2,201	2,774	2,916	2,557	1,437	512	141	88	88	826
1947	Dry	602	1,096	1,519	2,213	2,323	2,103	1,128	413	124	72	72	389
1948	Below Normal	389	588	838	1,840	2,302	1,376	797	586	241	16	16	316
1949	Below Normal	541	983	1,362	1,985	2,085	1,888	1,017	377	118	66	66	363
1950	Below Normal	601	1,095	1,518	2,212	2,323	2,102	1,128	413	122	1,271	1,271	1,603
1951	Above Normal	631	1,150	1,594	2,325	2,441	2,208	1,183	430	127	74	74	832
1952	Wet	706	1,735	1,742	4,450	3,792	3,405	2,101	856	267	210	508	1,100
1953	Below Normal	680	1,371	1,722	2,448	2,638	2,322	1,274	460	132	79	79	455
1954	Below Normal	576	1,048	1,452	2,116	2,222	2,011	1,081	397	122	69	69	386
1955	Dry	566	1,030	1,428	2,082	2,186	1,979	1,065	392	121	68	68	1,567
1956	Wet	1,725	1,984	2,538	4,236	3,851	3,372	1,883	656	166	112	112	885
1957	Below Normal	677	1,365	1,714	2,437	2,626	2,312	1,269	458	132	79	79	453
1958	Wet	921	1,609	2,435	4,448	3,774	3,389	2,091	852	266	209	209	889
1959	Dry	583	1,128	1,461	2,128	2,235	2,023	1,087	399	122	69	69	375
1960	Critical	345	435	616	1,328	1,658	1,005	592	438	190	16	16	233
1961	Critical	256	325	456	962	1,197	739	445	331	153	16	16	174
1962	Below Normal	848	1,719	2,158	3,073	3,229	2,830	1,587	561	150	96	96	1,478
1963	Above Normal	919	1,865	2,343	3,337	3,507	3,072	1,719	603	157	103	103	779
1964	Dry	520	943	1,305	1,901	1,997	1,809	977	364	116	63	1,207	1,549
1965	Wet	882	1,789	2,247	3,200	3,363	2,946	1,650	581	153	100	567	987
1966	Below Normal	676	1,348	2,446	2,340	2,456	2,222	1,190	433	128	70	119	1,614
1967	Wet	2,338	1,115	1,554	4,204	4,482	3,626	2,520	1,720	551	484	484	1,787
1968	Dry	466	585	832	1,824	2,282	1,365	790	582	240	16	16	313
1969	Wet	636	541	1,223	2,993	4,480	3,423	2,238	1,529	495	430	1,040	1,758
1970	Above Normal	1,127	1,428	1,793	2,549	2,680	2,351	1,325	476	135	82	82	619
1971	Below Normal	643	1,172	1,625	2,372	2,489	2,252	1,206	438	129	76	76	416
1972	Dry	536	973	1,348	1,962	2,061	1,867	1,006	373	118	65	65	359
1973	Above Normal	841	1,637	1,955	4,089	3,037	2,662	1,495	531	145	91	1,291	1,202
1974	Wet	1,616	1,710	3,360	4,251	3,207	2,811	1,576	557	149	96	96	739
1975	Wet	869	1,721	2,176	3,551	3,235	2,835	1,589	561	150	96	96	719
1976	Critical	376	473	671	1,453	1,815	1,095	642	474	202	16	16	253
1977	Critical	169	216	298	601	742	447	301	226	117	16	16	116
1978	Wet	846	1,143	1,880	4,325	4,486	3,716	2,427	1,657	533	467	1,039	2,020
1979	Above Normal	1,489	1,631	2,933	3,604	3,024	2,651	1,489	529	144	91	80	377
1980	Wet	895	1,125	3,308	4,460	4,146	3,559	2,195	892	277	219	219	934
1981	Dry	653	1,315	1,650	2,343	2,525	2,224	1,222	443	130	77	77	1,636
1982	Wet	2,307	541	2,927	4,461	3,969	3,563	2,197	2,093	1,477	151	112	568
1983	Wet	91	956	1,480	2,351	4,467	3,869	2,873	1,959	1,391	521	1,753	2,042
1984	Above Normal	1,257	1,597	2,005	2,852	2,998	2,628	1,476	525	144	90	90	691
1985	Dry	596	1,084	1,502	2,187	2,296	2,078	1,116	409	124	71	71	390
1986	Wet	465	3,033	3,448	4,429	3,497	3,063	1,714	602	157	103	103	804
1987	Critical	483	875	1,209	1,891	2,366	1,413	817	601	246	16	16	313
1988	Critical	340	428	606	1,306	1,630	988	583	431	188	16	16	230
1989	Critical	395	497	705	1,533	1,916	1,153	674	497	210	16	16	266
1990	Critical	301	380	535	1,144	1,426	871	518	384	172	16	16	204
1991	Critical	422	530	754	1,648	2,060	1,237	720	530	222	16	16	275
1992	Critical	363	457	646	1,397	1,744	1,055	619	458	197	16	16	336
1993	Wet	1,156	3,131	3,486	4,349	3,790	3,319	1,854	647	165	111	111	871
1994	Critical	491	890	1,230	1,790	1,881	1,705	923	346	113	60	218	1,530
1995	Wet	1,036	2,631	2,029	4,076	4,468	3,874	2,876	1,961	622	553	553	2,045
1996	Wet	829	2,772	3,141	4,180	3,268	2,863	1,605	567	151	91	91	658
1997	Wet	1,969	1,583	2,591	2,725	2,865	2,513	1,413	505	140	87	87	390
1998	Wet	902	565	1,578	2,572	4,481	3,577	2,657	1,813	578	511	511	1,953
1999	Above Normal	715	1,445	1,814	2,579	2,711	2,378	1,340	481	136	83	83	604
2000	Above Normal	796	1,598	2,007	3,265	2,946	2,583	1,452	517	142	89	89	679
2001	Dry	568	1,033	1,432	2,085	2,190	1,983	1,066	393	121	68	68	381
2002	Dry	518	940	1,301	1,892	1,988	1,801	972	362	116	63	63	347
2003	Below Normal	623	1,136	1,575	2,297	2,411	2,182	1,169	n/a	n/a	n/a	n/a	n/a

Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,142	1,195	1,827	3,019	3,807	3,589	2,345	1,602	516	451	451	1,719
1923	Above Normal	796	1,606	2,014	2,852	2,998	2,628	1,476	525	144	90	90	667
1924	Critical	247	312	437	918	1,141	707	428	318	149	16	16	167
1925	Below Normal	589	1,071	1,483	2,158	2,266	2,051	1,102	404	123	70	70	393
1926	Dry	563	1,023	1,414	2,058	2,161	1,957	1,053	388	120	67	67	376
1927	Above Normal	822	1,659	2,082	2,948	3,099	2,716	1,524	541	146	93	93	689
1928	Below Normal	597	1,084	1,499	2,177	2,286	2,069	1,111	407	123	71	71	397
1929	Critical	366	461	654	1,414	1,766	1,067	626	462	199	16	16	247
1930	Critical	349	439	620	1,342	1,675	1,015	597	442	191	16	16	235
1931	Critical	109	197	268	530	654	373	273	206	110	16	16	101
1932	Above Normal	821	1,657	2,080	2,946	3,097	2,715	1,524	540	146	93	93	714
1933	Dry	578	1,052	1,460	2,134	2,240	2,028	1,090	400	122	69	69	389
1934	Critical	316	398	560	1,201	1,498	912	541	401	177	16	16	213
1935	Above Normal	728	1,467	1,838	2,598	2,732	2,397	1,350	484	137	83	83	400
1936	Above Normal	842	1,663	2,135	3,022	3,176	2,784	1,561	552	148	95	95	390
1937	Wet	616	1,373	1,873	3,760	3,852	3,459	2,134	868	271	213	213	2,107
1938	Wet	395	1,153	1,869	4,168	4,474	3,998	2,968	2,023	641	571	571	2,186
1939	Dry	721	1,456	1,821	2,582	2,715	2,381	1,341	481	136	83	70	377
1940	Above Normal	741	1,492	1,870	2,643	2,779	2,437	1,372	491	138	85	85	551
1941	Wet	1,161	1,213	1,787	3,073	3,875	3,653	2,387	1,630	524	459	459	1,750
1942	Wet	1,089	1,139	1,739	3,100	3,845	3,431	2,243	1,532	496	431	325	1,643
1943	Wet	412	1,796	2,006	3,665	3,850	3,371	1,883	656	166	112	112	854
1944	Below Normal	605	1,099	1,522	2,210	2,321	2,100	1,127	412	124	71	71	390
1945	Above Normal	915	1,853	2,326	3,300	3,468	3,038	1,700	597	156	102	102	798
1946	Above Normal	781	1,575	1,975	2,795	2,938	2,576	1,448	516	142	89	89	677
1947	Dry	590	1,071	1,484	2,158	2,267	2,051	1,102	404	123	70	70	380
1948	Below Normal	453	580	826	1,810	2,264	1,354	784	578	238	16	16	311
1949	Below Normal	531	964	1,335	1,943	2,041	1,848	997	370	117	64	64	356
1950	Below Normal	585	1,064	1,474	2,146	2,254	2,040	1,096	402	122	70	70	391
1951	Above Normal	844	1,707	2,143	3,041	3,196	2,801	1,571	556	149	95	95	711
1952	Wet	891	977	1,690	3,058	3,929	3,691	2,565	1,750	560	493	493	1,884
1953	Below Normal	702	1,417	1,776	2,519	2,714	2,389	1,310	471	134	81	81	468
1954	Below Normal	575	1,045	1,448	2,108	2,213	2,003	1,077	396	121	69	69	385
1955	Dry	558	1,014	1,408	2,054	2,157	1,952	1,051	388	120	67	67	362
1956	Wet	1,265	1,323	2,028	2,985	3,754	3,511	2,609	1,780	569	502	502	1,917
1957	Below Normal	703	1,414	1,774	2,512	2,706	2,382	1,306	470	134	81	81	467
1958	Wet	1,023	779	1,681	3,207	3,979	3,549	2,320	1,584	511	446	446	1,700
1959	Dry	590	1,072	1,483	2,161	2,269	2,054	1,103	405	123	70	70	380
1960	Critical	341	430	606	1,308	1,632	990	584	432	188	16	16	230
1961	Critical	247	313	437	921	1,146	709	429	319	149	16	16	168
1962	Below Normal	769	1,551	1,943	2,751	2,892	2,536	1,426	509	141	87	87	667
1963	Above Normal	860	1,739	2,184	3,096	3,254	2,852	1,599	564	150	97	97	723
1964	Dry	517	939	1,301	1,897	1,993	1,805	975	363	116	63	63	348
1965	Wet	911	1,846	2,317	3,288	3,455	3,027	1,694	595	156	102	102	795
1966	Below Normal	641	1,166	1,611	2,339	2,455	2,221	1,190	433	128	70	75	425
1967	Wet	1,414	1,313	1,874	2,964	3,716	3,993	2,964	2,021	640	570	570	2,108
1968	Dry	688	1,388	1,738	2,464	2,655	2,337	1,282	462	133	80	70	390
1969	Wet	949	793	1,769	2,869	4,476	3,998	2,968	2,023	641	571	571	2,186
1970	Above Normal	948	1,925	2,418	3,434	3,608	3,160	1,767	619	160	106	106	830
1971	Below Normal	599	1,087	1,506	2,189	2,299	2,080	1,117	409	124	71	71	385
1972	Dry	531	963	1,335	1,945	2,043	1,850	998	371	117	65	65	356
1973	Above Normal	790	1,595	1,897	2,842	2,988	2,619	1,471	523	143	90	90	689
1974	Wet	1,003	2,032	2,551	3,619	3,802	3,330	1,860	649	165	111	111	874
1975	Wet	801	1,616	2,030	2,873	3,021	2,648	1,487	529	144	91	91	672
1976	Critical	376	472	670	1,454	1,816	1,096	642	474	202	16	16	253
1977	Critical	160	205	281	564	697	370	286	216	114	16	16	110
1978	Wet	1,084	1,406	2,292	2,968	3,721	3,998	2,968	2,023	641	571	571	2,186
1979	Above Normal	1,158	1,212	1,852	3,065	3,865	3,644	2,381	1,626	523	458	123	1,130
1980	Wet	1,229	1,499	2,299	2,958	3,709	3,985	2,958	2,017	639	569	569	2,179
1981	Dry	712	1,434	1,796	2,541	2,672	2,344	1,321	475	135	82	82	617
1982	Wet	1,416	854	2,297	2,960	3,711	3,988	2,960	2,018	639	501	268	1,356
1983	Wet	128	1,028	1,578	2,446	4,476	3,998	2,968	2,023	735	539	1,771	2,111
1984	Above Normal	1,178	1,216	1,854	3,068	3,869	3,648	2,383	1,627	524	458	458	1,748
1985	Dry	598	1,086	1,500	2,177	2,286	2,068	1,111	407	123	71	71	390
1986	Wet	759	1,334	2,049	3,377	3,824	3,577	2,657	1,813	578	511	511	1,953
1987	Critical	570	1,036	1,434	2,091	2,196	1,988	1,069	394	121	68	68	369
1988	Critical	357	449	635	1,374	1,716	1,038	610	451	195	16	16	241
1989	Critical	386	485	686	1,490	1,862	1,122	657	485	206	16	16	259
1990	Critical	292	369	518	1,106	1,379	844	503	373	168	16	16	198
1991	Critical	413	518	737	1,606	2,007	1,206	703	518	218	16	16	268
1992	Critical	352	443	624	1,346	1,681	1,018	599	443	192	16	16	236
1993	Wet	1,043	1,706	2,061	3,766	3,858	3,464	2,137	869	271	213	213	909
1994	Critical	501	907	1,254	1,828	1,921	1,740	941	352	114	61	61	336
1995	Wet	1,095	1,501	2,125	3,487	4,476	3,998	2,968	2,023	641	571	571	2,111
1996	Wet	1,182	1,284	3,109	4,221	3,900	3,663	2,546	1,738	556	263	123	1,776
1997	Wet	1,937	1,209	2,198	3,010	3,796	3,579	2,339	1,597	515	449	449	1,050
1998	Wet	1,048	730	1,828	2,500	4,476	3,998	2,968	2,023	641	571	571	2,186
1999	Above Normal	980	1,991	2,500	3,550	3,730	3,266	1,825	638	163	109	109	828
2000	Above Normal	729	1,467	1,838	2,599	2,733	2,397	1,350	484	137	83	83	631
2001	Dry	572	1,039	1,441	2,096	2,202	1,993	1,072	394	121	68	68	383
2002	Dry	509	923	1,276	1,857	1,951	1,767	955	357	115	62	62	341
2003	Below Normal	591	1,074	1,489	2,164	2,273	2,057	1,105	n/a	n/a	n/a	n/a	n/a

Change in Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	179	-1,904	-1,701	-1,417	154	390	557	976	355	344	-231	415
1923	Above Normal	-20	-46	-61	-99	-104	-91	-50	-16	-3	-3	-3	-23
1924	Critical	0	0	-1	0	0	0	0	0	0	0	0	0
1925	Below Normal	-27	-51	-73	-111	-116	-105	-54	-17	-3	-3	-3	-19
1926	Dry	-7	-14	-21	-32	-34	-30	-16	-5	-1	-1	-1	-6
1927	Above Normal	-69	-85	-126	-1,070	-190	-166	-91	-29	-5	-5	-5	-42
1928	Below Normal	-41	-79	-113	-174	-182	-164	-85	-27	-5	-5	-5	-30
1929	Critical	-2	-2	-4	-11	-14	-8	-4	-3	-1	0	0	-2
1930	Critical	-10	-12	-19	-44	-55	-32	-17	-13	-4	0	0	-7
1931	Critical	-52	-10	-16	-38	-48	-46	-15	-11	-4	0	0	-92
1932	Above Normal	-79	-154	-212	-317	-332	-289	-158	-51	-9	-9	-9	-75
1933	Dry	-2	-3	-3	0	0	0	0	0	0	0	0	0
1934	Critical	-11	-14	-22	-47	-59	-34	-19	-14	-5	0	0	-7
1935	Above Normal	-75	-158	-203	-306	-321	-280	-153	-49	-9	-8	-8	-70
1936	Above Normal	-327	24	-1,128	-261	46	40	22	7	1	1	1	0
1937	Wet	108	17	-38	-361	782	767	623	332	125	-217	-1,050	200
1938	Wet	69	371	181	-294	-13	418	760	1,127	363	351	351	1,162
1939	Dry	-63	-469	446	580	612	477	316	102	18	17	4	24
1940	Above Normal	-54	-75	-348	-755	-94	-82	-45	-14	-2	-2	-2	-21
1941	Wet	-381	-1,862	-697	-1,289	98	262	294	777	258	250	-82	-176
1942	Wet	132	-747	-1,727	-1,296	224	259	469	907	335	325	224	-390
1943	Wet	-96	332	-1,178	414	647	564	309	100	17	17	17	142
1944	Below Normal	-19	-38	-55	-91	-95	-86	-44	-14	-2	-2	-2	0
1945	Above Normal	-17	-1	-33	-133	-80	-70	-38	-12	-2	-493	-1,116	-189
1946	Above Normal	3	2	-227	21	22	19	11	3	1	1	1	-149
1947	Dry	-13	-25	-35	-54	-57	-51	-26	-9	-1	-1	-1	-9
1948	Below Normal	64	-8	-12	-30	-38	-22	-12	-9	-3	0	0	-5
1949	Below Normal	-10	-19	-27	-42	-44	-40	-20	-7	-1	-1	-1	-7
1950	Below Normal	-17	-31	-44	-66	-69	-62	-32	-10	0	-1,202	-1,202	-1,211
1951	Above Normal	213	557	549	716	755	593	388	125	22	21	21	-121
1952	Wet	186	-758	-52	-1,392	137	286	464	895	293	283	-15	784
1953	Below Normal	22	46	55	71	76	66	35	11	2	2	2	13
1954	Below Normal	-1	-2	-4	-8	-8	-8	-4	-1	0	0	0	-1
1955	Dry	-8	-15	-19	-28	-30	-27	-14	-4	-1	-1	-1	-1,205
1956	Wet	-460	-661	-510	-1,251	-97	140	726	1,124	403	390	390	1,032
1957	Below Normal	26	49	60	75	80	70	37	12	2	2	2	13
1958	Wet	102	-830	-754	-1,241	205	161	228	732	245	237	237	811
1959	Dry	7	-56	22	33	35	31	16	5	1	1	1	6
1960	Critical	-4	-5	-9	-21	-26	-15	-8	-6	-2	0	0	-3
1961	Critical	-10	-12	-18	-41	-52	-30	-16	-12	-4	0	0	-7
1962	Below Normal	-80	-168	-215	-322	-338	-294	-161	-52	-9	-9	-9	-811
1963	Above Normal	-59	-126	-160	-241	-253	-220	-120	-39	-7	-6	-6	-55
1964	Dry	-2	-4	-4	-4	-4	-4	-2	-1	0	0	-1,144	-1,201
1965	Wet	29	57	70	88	92	81	44	14	2	2	-465	-192
1966	Below Normal	-34	-183	-836	-1	-1	-1	-1	0	0	0	-45	-1,189
1967	Wet	-924	198	320	-1,240	-767	367	444	301	89	86	86	321
1968	Dry	222	803	906	639	373	972	492	-119	-107	64	53	77
1969	Wet	313	251	546	-125	-4	575	730	494	146	141	-469	428
1970	Above Normal	-179	497	625	885	928	809	443	143	25	24	24	211
1971	Below Normal	-44	-84	-119	-182	-191	-172	-89	-29	-5	-5	-5	-31
1972	Dry	-5	-11	-13	-17	-18	-16	-8	-3	0	0	0	-3
1973	Above Normal	-51	-42	-59	-1,247	-49	-43	-23	-8	-1	-1	-1,201	-513
1974	Wet	-613	323	-809	-632	595	519	284	92	16	15	15	135
1975	Wet	-68	-105	-146	-677	-214	-187	-102	-33	-6	-5	-5	-47
1976	Critical	-1	-1	-1	1	1	0	0	0	0	0	0	0
1977	Critical	-9	-11	-17	-36	-46	-77	-15	-11	-4	0	0	-6
1978	Wet	238	263	412	-1,358	-765	282	540	366	108	105	-467	167
1979	Above Normal	-331	-419	-1,081	-539	841	994	892	1,097	379	367	43	753
1980	Wet	334	374	-1,010	-1,502	-437	426	763	1,125	362	350	350	1,246
1981	Dry	60	119	146	198	147	121	99	32	5	5	5	-1,019
1982	Wet	-891	313	-630	-1,500	-258	425	763	-75	-838	351	156	789
1983	Wet	36	71	98	95	9	129	95	64	-656	18	18	69
1984	Above Normal	-79	-381	-151	216	870	1,019	907	1,102	380	368	368	1,057
1985	Dry	2	2	-2	-10	-11	-10	-5	-2	0	0	0	0
1986	Wet	294	-1,699	-1,399	-1,052	327	514	943	1,211	422	408	408	1,149
1987	Critical	87	161	225	200	-170	575	252	-207	-125	52	52	56
1988	Critical	17	21	29	68	86	50	27	20	7	0	0	11
1989	Critical	-9	-12	-19	-43	-54	-31	-17	-12	-4	0	0	-7
1990	Critical	-9	-11	-17	-38	-48	-27	-15	-11	-4	0	0	-6
1991	Critical	-9	-12	-17	-42	-53	-31	-17	-12	-4	0	0	-7
1992	Critical	-11	-14	-22	-51	-64	-37	-20	-15	-5	0	0	-100
1993	Wet	-114	-1,425	-1,425	-583	68	145	283	223	106	103	103	38
1994	Critical	10	17	24	38	40	36	18	6	1	1	-156	-1,193
1995	Wet	59	-1,130	95	-590	8	124	92	62	18	18	18	66
1996	Wet	354	-1,488	-33	40	632	800	941	1,171	405	172	32	1,117
1997	Wet	-32	-374	-393	285	930	1,067	926	1,093	375	363	363	660
1998	Wet	146	164	250	-72	-5	421	311	211	62	60	60	233
1999	Above Normal	264	547	686	971	1,018	888	486	157	27	26	26	223
2000	Above Normal	-67	-131	-169	-666	-214	-186	-102	-33	-6	-5	-5	-49
2001	Dry	3	5	8	11	11	10	5	2	0	0	0	2
2002	Dry	-9	-17	-25	-36	-38	-34	-17	-6	-1	-1	-1	-6
2003	Below Normal	-33	-62	-86	-132	-139	-125	-64	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Friant-Kern Canal Diversions (Node D18A)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	19%	-61%	-48%	-32%	4%	12%	31%	156%	221%	321%	-34%	32%
1923	Above Normal	-2%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-3%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	-4%	-5%	-5%	-5%	-5%	-5%	-5%	-4%	-2%	-4%	-4%	-5%
1926	Dry	-1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1927	Above Normal	-8%	-5%	-6%	-27%	-6%	-6%	-6%	-5%	-3%	-5%	-5%	-6%
1928	Below Normal	-6%	-7%	-7%	-7%	-7%	-7%	-7%	-6%	-4%	-6%	-6%	-7%
1929	Critical	-1%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%
1930	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-3%
1931	Critical	-33%	-5%	-6%	-7%	-7%	-11%	-5%	-5%	-3%	0%	0%	-48%
1932	Above Normal	-9%	-9%	-9%	-10%	-10%	-10%	-9%	-9%	-6%	-8%	-8%	-10%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-3%	-3%	-4%	-4%	-4%	-4%	-3%	-3%	-3%	0%	0%	-3%
1935	Above Normal	-9%	-10%	-10%	-11%	-11%	-10%	-10%	-9%	-6%	-9%	-9%	-15%
1936	Above Normal	-28%	1%	-35%	-8%	1%	1%	1%	1%	1%	1%	1%	0%
1937	Wet	21%	1%	-2%	-9%	25%	29%	41%	62%	86%	-50%	-83%	10%
1938	Wet	21%	47%	11%	-7%	0%	12%	34%	126%	130%	159%	159%	114%
1939	Dry	-8%	-24%	32%	29%	29%	25%	31%	27%	15%	26%	6%	7%
1940	Above Normal	-7%	-5%	-16%	-22%	-3%	-3%	-3%	-3%	-2%	-3%	-3%	-4%
1941	Wet	-25%	-61%	-28%	-30%	3%	8%	14%	91%	97%	119%	-15%	-9%
1942	Wet	14%	-40%	-50%	-29%	6%	8%	26%	145%	209%	306%	220%	-19%
1943	Wet	-19%	23%	-37%	13%	20%	20%	20%	18%	12%	17%	17%	20%
1944	Below Normal	-3%	-3%	-4%	-4%	-4%	-4%	-4%	-3%	-2%	-3%	-3%	0%
1945	Above Normal	-2%	0%	-1%	-4%	-2%	-2%	-2%	-2%	-1%	-83%	-92%	-19%
1946	Above Normal	0%	0%	-10%	1%	1%	1%	1%	1%	0%	1%	1%	-18%
1947	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	-2%
1948	Below Normal	16%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-1%	0%	0%	-2%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	-2%
1950	Below Normal	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	0%	-95%	-95%	-76%
1951	Above Normal	34%	48%	34%	31%	31%	27%	33%	29%	17%	28%	28%	-15%
1952	Wet	26%	-44%	-3%	-31%	4%	8%	22%	105%	110%	135%	-3%	71%
1953	Below Normal	3%	3%	3%	3%	3%	3%	3%	2%	1%	2%	2%	3%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-77%
1956	Wet	-27%	-33%	-20%	-30%	-3%	4%	39%	171%	242%	348%	348%	117%
1957	Below Normal	4%	4%	3%	3%	3%	3%	3%	3%	2%	3%	3%	3%
1958	Wet	11%	-52%	-31%	-28%	5%	5%	11%	86%	92%	113%	113%	91%
1959	Dry	1%	-5%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%
1960	Critical	-1%	-1%	-1%	-2%	-2%	-1%	-1%	-1%	-1%	0%	0%	-1%
1961	Critical	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-3%	0%	0%	-4%
1962	Below Normal	-9%	-10%	-10%	-10%	-10%	-10%	-10%	-9%	-6%	-9%	-9%	-55%
1963	Above Normal	-6%	-7%	-7%	-7%	-7%	-7%	-7%	-6%	-4%	-6%	-6%	-7%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-95%	-78%
1965	Wet	3%	3%	3%	3%	3%	3%	3%	2%	2%	2%	-82%	-19%
1966	Below Normal	-5%	-14%	-34%	0%	0%	0%	0%	0%	0%	0%	-37%	-74%
1967	Wet	-40%	18%	21%	-30%	-17%	10%	18%	17%	16%	18%	18%	18%
1968	Dry	48%	137%	109%	35%	16%	71%	62%	-20%	-45%	391%	328%	25%
1969	Wet	49%	46%	45%	-4%	0%	17%	33%	32%	30%	33%	-45%	24%
1970	Above Normal	-16%	35%	35%	35%	35%	34%	33%	30%	18%	29%	29%	34%
1971	Below Normal	-7%	-7%	-7%	-8%	-8%	-8%	-7%	-7%	-4%	-6%	-6%	-7%
1972	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%
1973	Above Normal	-6%	-3%	-3%	-30%	-2%	-2%	-2%	-1%	-1%	-1%	-93%	-43%
1974	Wet	-38%	19%	-24%	-15%	19%	18%	18%	16%	11%	16%	16%	18%
1975	Wet	-8%	-6%	-7%	-19%	-7%	-7%	-6%	-6%	-4%	-6%	-6%	-7%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-5%	-5%	-6%	-6%	-6%	-17%	-5%	-5%	-3%	0%	0%	-5%
1978	Wet	28%	23%	22%	-31%	-17%	8%	22%	22%	20%	22%	-45%	8%
1979	Above Normal	-22%	-26%	-37%	-15%	28%	37%	60%	207%	263%	404%	53%	200%
1980	Wet	37%	33%	-31%	-34%	-11%	12%	35%	126%	131%	160%	160%	133%
1981	Dry	9%	9%	9%	8%	6%	5%	8%	7%	4%	7%	7%	-62%
1982	Wet	-39%	58%	-22%	-34%	-6%	12%	35%	-4%	-57%	233%	139%	139%
1983	Wet	40%	7%	7%	4%	0%	3%	3%	3%	-47%	4%	1%	3%
1984	Above Normal	-6%	-24%	-8%	8%	29%	39%	61%	210%	265%	408%	408%	153%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	63%	-56%	-41%	-24%	9%	17%	55%	201%	269%	396%	396%	143%
1987	Critical	18%	18%	19%	11%	-7%	41%	31%	-35%	-51%	320%	320%	18%
1988	Critical	5%	5%	5%	5%	5%	5%	5%	5%	4%	0%	0%	5%
1989	Critical	-2%	-2%	-3%	-3%	-3%	-3%	-3%	-2%	-2%	0%	0%	-3%
1990	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-2%	0%	0%	-3%
1991	Critical	-2%	-2%	-2%	-3%	-3%	-2%	-2%	-2%	-2%	0%	0%	-2%
1992	Critical	-3%	-3%	-3%	-4%	-4%	-3%	-3%	-3%	-3%	0%	0%	-30%
1993	Wet	-10%	-46%	-41%	-13%	2%	4%	15%	34%	65%	93%	93%	4%
1994	Critical	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	-72%	-78%
1995	Wet	6%	-43%	5%	-14%	0%	3%	3%	3%	3%	3%	3%	3%
1996	Wet	43%	-54%	-1%	1%	19%	28%	59%	207%	269%	190%	35%	170%
1997	Wet	-2%	-24%	-15%	10%	32%	42%	66%	217%	267%	418%	418%	169%
1998	Wet	16%	29%	16%	-3%	0%	12%	12%	12%	11%	12%	12%	12%
1999	Above Normal	37%	38%	38%	38%	38%	37%	36%	33%	20%	32%	32%	37%
2000	Above Normal	-8%	-8%	-8%	-20%	-7%	-7%	-7%	-6%	-4%	-6%	-6%	-7%
2001	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%
2002	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-2%
2003	Below Normal	-5%	-5%	-5%	-6%	-6%	-6%	-6%	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	957	1,250	1,225	1,064	400	48	5	0	6	5
1923	Above Normal	117	322	617	855	1,000	867	322	39	0	0	0	0
1924	Critical	0	0	111	301	369	257	36	0	0	0	0	0
1925	Below Normal	0	0	263	793	963	665	106	0	0	0	0	0
1926	Dry	0	0	238	711	865	597	94	0	0	0	0	0
1927	Above Normal	116	348	671	1,072	1,080	937	350	38	2	1	1	3
1928	Below Normal	0	0	277	834	1,013	699	112	0	0	0	0	0
1929	Critical	0	0	159	457	557	386	58	0	0	0	0	0
1930	Critical	0	0	155	445	543	376	56	0	0	0	0	0
1931	Critical	0	0	77	194	140	49	246	0	0	0	0	4
1932	Above Normal	117	366	703	974	1,138	987	369	48	5	0	0	0
1933	Dry	0	0	242	726	882	609	96	0	0	0	0	0
1934	Critical	0	0	142	403	491	341	50	0	0	0	0	0
1935	Above Normal	65	107	645	894	1,045	906	337	49	0	0	0	32
1936	Above Normal	59	329	824	916	1,011	876	326	30	5	1	1	65
1937	Wet	43	517	791	1,101	987	855	317	38	0	3	12	0
1938	Wet	9	219	1,124	1,250	1,250	1,221	462	35	15	0	0	14
1939	Dry	32	143	229	683	830	573	90	0	0	0	0	0
1940	Above Normal	78	302	622	1,174	1,250	930	145	0	0	0	0	107
1941	Wet	15	14	1,016	1,250	1,250	1,250	568	75	20	10	13	11
1942	Wet	68	391	932	1,213	1,231	1,069	402	51	5	0	52	29
1943	Wet	168	337	820	925	1,041	903	336	41	1	0	0	0
1944	Below Normal	0	0	268	809	983	678	108	0	0	0	0	155
1945	Above Normal	107	379	732	1,029	1,190	1,033	388	48	5	5	12	14
1946	Above Normal	109	301	617	789	923	800	296	36	0	0	0	22
1947	Dry	0	0	255	765	929	641	102	0	0	0	0	0
1948	Below Normal	0	0	199	585	712	492	76	0	0	0	0	0
1949	Below Normal	0	0	227	676	822	568	89	0	0	0	0	0
1950	Below Normal	0	0	255	764	929	641	102	0	0	201	62	68
1951	Above Normal	0	0	272	821	998	688	110	0	0	0	0	5
1952	Wet	3	249	1,076	1,250	1,250	1,195	451	67	10	0	3	15
1953	Below Normal	0	0	302	916	1,112	767	124	0	0	0	0	0
1954	Below Normal	0	0	241	720	875	604	96	0	0	0	0	0
1955	Dry	0	0	237	709	861	595	94	0	0	130	274	28
1956	Wet	221	411	795	1,215	1,250	1,171	442	59	8	0	0	0
1957	Below Normal	0	0	300	911	1,105	762	123	0	0	0	0	0
1958	Wet	31	3	1,082	1,250	1,250	1,183	447	66	10	0	0	0
1959	Dry	0	11	242	724	880	608	96	0	0	0	0	0
1960	Critical	0	0	150	428	521	362	54	0	0	0	0	0
1961	Critical	0	0	115	315	385	268	38	0	0	0	0	0
1962	Below Normal	87	343	655	908	1,060	920	343	43	1	0	0	31
1963	Above Normal	138	379	720	998	1,166	1,012	379	38	7	0	0	0
1964	Dry	0	0	219	648	788	545	85	0	0	0	12	78
1965	Wet	130	359	683	947	1,106	960	359	43	1	0	5	9
1966	Below Normal	1	0	421	829	1,006	694	111	0	0	0	0	50
1967	Wet	217	14	1,250	1,250	1,250	1,250	812	257	15	11	9	45
1968	Dry	0	0	197	580	706	488	76	0	0	0	114	0
1969	Wet	3	285	1,166	1,250	1,250	1,156	646	70	19	0	6	5
1970	Above Normal	32	0	318	968	1,175	810	131	0	0	0	0	0
1971	Below Normal	0	0	279	845	1,026	708	113	0	0	0	0	0
1972	Dry	0	0	225	669	813	562	88	0	0	0	0	0
1973	Above Normal	24	326	626	1,080	973	843	313	29	2	1	54	21
1974	Wet	192	338	850	1,092	1,043	904	337	41	1	0	0	0
1975	Wet	47	347	668	998	1,073	931	347	44	1	0	0	0
1976	Critical	0	0	162	466	568	393	59	0	0	0	0	0
1977	Critical	0	0	80	204	251	49	154	0	0	0	0	97
1978	Wet	13	3	1,250	1,250	1,250	1,250	734	171	10	0	6	2
1979	Above Normal	21	317	755	949	967	838	311	38	0	0	154	234
1980	Wet	103	522	1,064	1,250	1,250	1,213	458	59	10	0	0	0
1981	Dry	0	0	285	862	1,047	722	116	0	0	0	0	40
1982	Wet	10	116	1,169	1,250	1,250	1,250	542	232	92	217	232	2
1983	Wet	0	34	1,250	1,250	1,250	1,250	986	193	102	226	64	38
1984	Above Normal	184	308	590	818	957	829	307	37	0	0	0	0
1985	Dry	0	0	251	751	913	630	100	0	0	0	0	215
1986	Wet	149	488	902	1,225	1,162	1,008	378	47	8	0	0	0
1987	Critical	0	0	204	601	731	505	79	0	0	0	0	0
1988	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1989	Critical	0	0	169	491	597	414	63	0	0	0	0	0
1990	Critical	0	0	132	371	453	315	46	0	0	0	0	0
1991	Critical	0	0	180	526	640	443	68	0	0	0	0	0
1992	Critical	0	0	157	449	547	379	57	0	0	0	0	4
1993	Wet	45	517	945	1,222	1,250	1,134	427	55	5	0	0	0
1994	Critical	0	0	207	612	744	514	80	0	0	0	1	57
1995	Wet	78	311	1,250	1,250	1,250	1,250	1,113	418	21	13	10	24
1996	Wet	227	484	821	1,092	1,067	926	345	35	3	98	698	136
1997	Wet	246	304	684	1,060	1,250	923	144	0	0	0	0	94
1998	Wet	47	83	1,250	1,250	1,250	1,250	928	198	56	43	34	57
1999	Above Normal	0	0	323	984	1,194	823	133	0	0	0	0	0
2000	Above Normal	17	316	605	897	959	831	308	8	7	5	4	4
2001	Dry	0	0	238	710	863	596	94	0	0	0	0	0
2002	Dry	0	0	218	646	785	543	85	0	0	0	0	0
2003	Below Normal	0	0	268	807	980	676	108	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	985	1,250	1,250	1,250	952	244	12	3	2	2
1923	Above Normal	113	310	594	818	957	829	307	37	0	0	0	0
1924	Critical	0	0	110	301	369	257	36	0	0	0	0	0
1925	Below Normal	0	0	247	737	895	618	98	0	0	0	0	0
1926	Dry	0	0	235	701	852	588	93	0	0	0	0	0
1927	Above Normal	107	325	621	856	1,001	868	322	36	1	1	0	2
1928	Below Normal	0	0	250	746	907	626	99	0	0	0	0	0
1929	Critical	0	0	158	454	553	383	58	0	0	0	0	0
1930	Critical	0	0	151	432	526	365	54	0	0	0	0	0
1931	Critical	0	0	74	182	85	49	276	0	0	0	0	0
1932	Above Normal	107	324	620	856	1,000	867	322	39	0	0	0	0
1933	Dry	0	0	242	726	882	609	96	0	0	0	0	0
1934	Critical	0	0	138	389	474	329	48	0	0	0	0	0
1935	Above Normal	0	0	329	994	1,207	832	135	0	0	0	0	0
1936	Above Normal	18	344	656	903	1,055	915	341	33	7	2	2	0
1937	Wet	10	445	852	1,185	1,250	1,250	512	92	10	0	0	0
1938	Wet	0	219	1,250	1,250	1,250	1,250	1,164	161	71	63	51	87
1939	Dry	0	0	325	986	1,196	824	134	0	0	0	0	0
1940	Above Normal	0	0	336	1,017	1,234	851	138	0	0	0	0	0
1941	Wet	0	14	1,078	1,250	1,250	1,250	1,250	142	71	57	46	41
1942	Wet	146	533	890	1,174	1,250	1,222	684	130	10	0	0	0
1943	Wet	43	435	829	1,142	1,250	1,210	457	66	5	0	0	0
1944	Below Normal	0	0	256	763	927	640	102	0	0	0	0	0
1945	Above Normal	105	378	719	991	1,157	1,004	376	48	5	0	0	0
1946	Above Normal	110	302	579	797	932	808	299	36	0	0	0	0
1947	Dry	0	0	247	737	896	618	98	0	0	0	0	0
1948	Below Normal	0	0	196	576	700	484	75	0	0	0	0	0
1949	Below Normal	0	0	223	662	805	556	87	0	0	0	0	0
1950	Below Normal	0	0	245	731	888	613	97	0	0	0	0	0
1951	Above Normal	120	337	644	889	1,039	901	335	41	1	0	0	0
1952	Wet	3	249	1,124	1,250	1,250	1,250	1,174	385	71	68	68	83
1953	Below Normal	0	0	314	953	1,157	797	129	0	0	0	0	0
1954	Below Normal	0	0	240	717	872	602	95	0	0	0	0	0
1955	Dry	0	0	234	699	850	587	93	0	0	0	0	0
1956	Wet	177	596	1,079	1,250	1,250	1,250	1,199	262	74	68	65	101
1957	Below Normal	0	0	314	949	1,152	794	128	0	0	0	0	0
1958	Wet	35	3	1,031	1,250	1,250	1,250	1,129	310	10	0	0	0
1959	Dry	0	0	247	739	897	620	98	0	0	0	0	0
1960	Critical	0	0	148	421	514	356	53	0	0	0	0	0
1961	Critical	0	0	111	302	370	258	36	0	0	0	0	0
1962	Below Normal	78	298	356	1,082	1,250	966	146	0	0	0	0	0
1963	Above Normal	126	345	659	909	1,062	921	343	35	3	1	1	5
1964	Dry	0	0	218	647	787	544	85	0	0	0	0	0
1965	Wet	136	374	710	980	1,144	993	372	47	5	0	0	0
1966	Below Normal	0	0	276	828	1,006	694	111	0	0	0	0	0
1967	Wet	169	14	1,250	1,250	1,250	1,250	1,218	417	71	68	68	95
1968	Dry	0	0	306	924	1,122	774	125	0	0	0	0	0
1969	Wet	3	285	1,250	1,250	1,250	1,250	1,164	148	71	66	52	62
1970	Above Normal	116	397	753	1,040	1,214	1,054	396	49	5	0	0	0
1971	Below Normal	0	0	252	753	914	631	100	0	0	0	0	0
1972	Dry	0	0	223	663	806	557	88	0	0	0	0	0
1973	Above Normal	22	314	602	833	974	844	313	31	2	2	1	1
1974	Wet	129	426	804	1,108	1,250	1,150	434	57	5	0	0	0
1975	Wet	47	318	610	840	982	851	316	40	0	0	0	0
1976	Critical	0	0	162	466	568	394	59	0	0	0	0	0
1977	Critical	0	0	76	193	237	49	142	0	0	0	0	0
1978	Wet	0	3	1,250	1,250	1,250	1,250	836	423	71	68	68	76
1979	Above Normal	104	520	979	1,250	1,250	1,250	933	223	15	5	4	3
1980	Wet	42	764	1,250	1,250	1,250	1,250	1,250	379	71	68	68	92
1981	Dry	0	0	319	964	1,171	807	131	0	0	0	0	0
1982	Wet	39	52	1,250	1,250	1,250	1,250	862	175	71	232	222	0
1983	Wet	37	34	1,250	1,250	1,250	1,250	986	193	101	225	62	37
1984	Above Normal	183	576	958	1,250	1,250	1,250	853	167	20	10	8	24
1985	Dry	0	0	251	746	907	626	99	0	0	0	0	0
1986	Wet	7	509	1,136	1,250	1,250	1,250	1,095	418	74	68	68	86
1987	Critical	0	0	238	712	865	597	94	0	0	0	0	0
1988	Critical	0	0	154	442	538	373	56	0	0	0	0	0
1989	Critical	0	0	165	477	582	403	61	0	0	0	0	0
1990	Critical	0	0	128	359	439	305	44	0	0	0	0	0
1991	Critical	0	0	176	513	625	432	66	0	0	0	0	0
1992	Critical	0	0	152	433	528	366	55	0	0	0	0	0
1993	Wet	32	457	860	1,184	1,250	1,250	509	91	10	0	0	0
1994	Critical	0	0	211	624	759	525	82	0	0	0	0	0
1995	Wet	0	311	1,250	1,250	1,250	1,250	1,183	418	26	17	13	26
1996	Wet	105	527	1,249	1,250	1,250	1,250	1,231	122	71	67	305	62
1997	Wet	247	572	1,011	1,229	1,250	1,250	786	200	10	0	0	0
1998	Wet	0	83	1,250	1,250	1,250	1,250	1,124	198	71	63	51	71
1999	Above Normal	150	413	781	1,077	1,250	1,096	412	51	5	0	0	0
2000	Above Normal	0	0	329	994	1,207	832	135	0	0	0	0	0
2001	Dry	0	0	239	713	867	599	95	0	0	0	0	0
2002	Dry	0	0	214	634	771	533	83	0	0	0	0	0
2003	Below Normal	0	0	248	740	899	621	99	n/a	n/a	n/a	n/a	n/a

Change in Simulated Madera Canal Diversions (Node D18B)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	28	0	25	186	552	196	8	3	-4	-3
1923	Above Normal	-4	-12	-23	-37	-43	-37	-15	-2	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	-17	-56	-68	-46	-8	0	0	0	0	0
1926	Dry	0	0	-3	-11	-13	-9	-2	0	0	0	0	0
1927	Above Normal	-8	-23	-49	-216	-79	-69	-27	-2	-2	0	0	-1
1928	Below Normal	0	0	-26	-88	-106	-73	-13	0	0	0	0	0
1929	Critical	0	0	-1	-3	-4	-3	0	0	0	0	0	0
1930	Critical	0	0	-4	-13	-16	-11	-2	0	0	0	0	0
1931	Critical	0	0	-4	-12	-55	0	30	0	0	0	0	-4
1932	Above Normal	-9	-42	-83	-119	-138	-121	-47	-8	-5	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	-5	-14	-17	-12	-2	0	0	0	0	0
1935	Above Normal	-65	-107	-316	100	162	-74	-203	-49	0	0	0	-32
1936	Above Normal	-41	15	-168	-13	44	39	15	3	2	1	1	-65
1937	Wet	-33	-71	61	84	263	395	194	54	10	-3	-12	0
1938	Wet	-9	0	126	0	0	29	702	126	56	63	51	73
1939	Dry	-32	-143	95	303	366	251	43	0	0	0	0	0
1940	Above Normal	-78	-302	-286	-157	-16	-79	-7	0	0	0	0	-107
1941	Wet	-15	0	62	0	0	0	682	67	51	47	33	29
1942	Wet	78	142	-42	-39	19	153	282	79	5	0	-52	-29
1943	Wet	-125	98	9	217	209	307	121	25	3	0	0	0
1944	Below Normal	0	0	-13	-46	-56	-38	-7	0	0	0	0	-155
1945	Above Normal	-2	-1	-13	-38	-33	-29	-11	0	0	-5	-12	-14
1946	Above Normal	1	0	-38	8	9	8	3	0	0	0	0	-22
1947	Dry	0	0	-8	-27	-33	-23	-4	0	0	0	0	0
1948	Below Normal	0	0	-3	-9	-11	-8	-1	0	0	0	0	0
1949	Below Normal	0	0	-4	-14	-17	-12	-2	0	0	0	0	0
1950	Below Normal	0	0	-10	-33	-40	-28	-5	0	0	-201	-62	-68
1951	Above Normal	120	337	371	68	41	213	225	41	1	0	0	-5
1952	Wet	0	0	48	0	0	55	723	318	61	68	66	68
1953	Below Normal	0	0	13	37	44	30	5	0	0	0	0	0
1954	Below Normal	0	0	-1	-3	-3	-2	0	0	0	0	0	0
1955	Dry	0	0	-3	-9	-11	-8	-1	0	0	-130	-274	-28
1956	Wet	-44	185	284	35	0	79	757	204	66	68	65	101
1957	Below Normal	0	0	14	39	47	32	6	0	0	0	0	0
1958	Wet	4	0	-52	0	0	67	683	243	0	0	0	0
1959	Dry	0	-11	4	15	18	12	2	0	0	0	0	0
1960	Critical	0	0	-2	-6	-8	-5	-1	0	0	0	0	0
1961	Critical	0	0	-4	-13	-15	-10	-2	0	0	0	0	0
1962	Below Normal	-10	-45	-299	174	190	46	-197	-43	-1	0	0	-31
1963	Above Normal	-12	-34	-61	-89	-104	-91	-36	-3	-4	1	1	5
1964	Dry	0	0	-1	-1	-1	-1	0	0	0	0	-12	-78
1965	Wet	6	15	27	33	38	33	13	3	3	0	-5	-9
1966	Below Normal	-1	0	-144	-1	-1	0	0	0	0	0	0	-50
1967	Wet	-48	0	0	0	0	0	405	160	56	57	59	50
1968	Dry	0	0	108	344	416	286	49	0	0	0	-114	0
1969	Wet	0	0	84	0	0	94	518	78	51	66	46	57
1970	Above Normal	84	397	435	71	38	244	265	49	5	0	0	0
1971	Below Normal	0	0	-28	-92	-111	-76	-13	0	0	0	0	0
1972	Dry	0	0	-2	-6	-7	-5	-1	0	0	0	0	0
1973	Above Normal	-2	-12	-24	-247	1	1	0	2	0	0	-53	-20
1974	Wet	-62	88	-46	15	207	246	97	16	3	0	0	0
1975	Wet	0	-29	-58	-157	-91	-80	-31	-4	-1	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	-4	-11	-14	0	-11	0	0	0	0	-97
1978	Wet	-13	0	0	0	0	0	101	252	61	68	63	73
1979	Above Normal	84	203	224	301	283	412	623	186	15	5	-151	-231
1980	Wet	-61	243	186	0	0	37	792	320	61	68	68	92
1981	Dry	0	0	34	103	124	85	15	0	0	0	0	-40
1982	Wet	29	-65	81	0	0	0	321	-57	-21	15	-11	-2
1983	Wet	37	0	0	0	0	0	0	0	-2	-2	-2	-1
1984	Above Normal	-1	269	368	432	293	421	546	130	20	10	8	24
1985	Dry	0	0	0	-5	-6	-4	-1	0	0	0	0	-215
1986	Wet	-142	21	234	25	88	242	717	371	66	68	68	86
1987	Critical	0	0	34	111	134	92	16	0	0	0	0	0
1988	Critical	0	0	6	21	25	17	3	0	0	0	0	0
1989	Critical	0	0	-4	-13	-16	-11	-2	0	0	0	0	0
1990	Critical	0	0	-4	-12	-14	-10	-2	0	0	0	0	0
1991	Critical	0	0	-4	-13	-16	-11	-2	0	0	0	0	0
1992	Critical	0	0	-5	-16	-19	-13	-2	0	0	0	0	-4
1993	Wet	-12	-60	-86	-38	0	116	82	36	5	0	0	0
1994	Critical	0	0	4	13	15	10	2	0	0	0	-1	-57
1995	Wet	-78	0	0	0	0	0	70	0	5	4	3	2
1996	Wet	-122	44	428	158	183	324	886	86	68	-32	-393	-74
1997	Wet	0	268	327	169	0	327	641	200	10	0	0	-94
1998	Wet	-47	0	0	0	0	0	196	0	15	20	16	14
1999	Above Normal	150	413	458	93	56	273	279	51	5	0	0	0
2000	Above Normal	-17	-316	-277	97	248	1	-173	-8	-7	-5	-4	-4
2001	Dry	0	0	1	4	4	3	1	0	0	0	0	0
2002	Dry	0	0	-4	-12	-14	-10	-2	0	0	0	0	0
2003	Below Normal	0	0	-20	-67	-81	-55	-10	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Madera Canal Diversions (Node D18B)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	0%	3%	0%	2%	17%	138%	406%	157%	-	-63%	-62%
1923	Above Normal	-3%	-4%	-4%	-4%	-4%	-4%	-5%	-5%	-	-	-	-
1924	Critical	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1925	Below Normal	-	-	-6%	-7%	-7%	-7%	-8%	-	-	-	-	-
1926	Dry	-	-	-1%	-2%	-2%	-1%	-2%	-	-	-	-	-
1927	Above Normal	-7%	-7%	-7%	-20%	-7%	-7%	-8%	-6%	-70%	-42%	-42%	-42%
1928	Below Normal	-	-	-9%	-11%	-10%	-10%	-11%	-	-	-	-	-
1929	Critical	-	-	0%	-1%	-1%	-1%	-1%	-	-	-	-	-
1930	Critical	-	-	-3%	-3%	-3%	-3%	-3%	-	-	-	-	-
1931	Critical	-	-	-5%	-6%	-39%	0%	12%	-	-	-	-	-100%
1932	Above Normal	-8%	-11%	-12%	-12%	-12%	-12%	-13%	-17%	-100%	-	-	-
1933	Dry	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1934	Critical	-	-	-3%	-4%	-4%	-3%	-4%	-	-	-	-	-
1935	Above Normal	-100%	-100%	-49%	11%	15%	-8%	-60%	-100%	-	-	-	-100%
1936	Above Normal	-70%	5%	-20%	-1%	4%	4%	5%	10%	35%	180%	180%	-100%
1937	Wet	-77%	-14%	8%	8%	27%	46%	61%	140%	-	-100%	-100%	-
1938	Wet	-100%	0%	11%	0%	0%	2%	152%	357%	386%	-	-	513%
1939	Dry	-100%	-100%	42%	44%	44%	44%	48%	-	-	-	-	-
1940	Above Normal	-100%	-100%	-46%	-13%	-1%	-9%	-5%	-	-	-	-	-100%
1941	Wet	-100%	0%	6%	0%	0%	0%	120%	90%	253%	475%	250%	264%
1942	Wet	114%	36%	-4%	-3%	2%	14%	70%	155%	100%	-	-100%	-100%
1943	Wet	-74%	29%	1%	23%	20%	34%	36%	62%	233%	-	-	-
1944	Below Normal	-	-	-5%	-6%	-6%	-6%	-6%	-	-	-	-	-100%
1945	Above Normal	-2%	0%	-2%	-4%	-3%	-3%	-3%	0%	0%	-100%	-100%	-100%
1946	Above Normal	1%	0%	-6%	1%	1%	1%	1%	1%	-	-	-	-100%
1947	Dry	-	-	-3%	-4%	-4%	-4%	-4%	-	-	-	-	-
1948	Below Normal	-	-	-1%	-2%	-2%	-2%	-2%	-	-	-	-	-
1949	Below Normal	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
1950	Below Normal	-	-	-4%	-4%	-4%	-4%	-5%	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	136%	8%	4%	31%	205%	-	-	-	-	-100%
1952	Wet	0%	0%	4%	0%	0%	5%	160%	472%	629%	-	2546%	446%
1953	Below Normal	-	-	4%	4%	4%	4%	4%	-	-	-	-	-
1954	Below Normal	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1955	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-100%	-100%	-100%
1956	Wet	-20%	45%	36%	3%	0%	7%	171%	347%	794%	-	-	-
1957	Below Normal	-	-	5%	4%	4%	4%	4%	-	-	-	-	-
1958	Wet	13%	0%	-5%	0%	0%	6%	153%	366%	0%	-	-	-
1959	Dry	-	-100%	2%	2%	2%	2%	2%	-	-	-	-	-
1960	Critical	-	-	-1%	-1%	-1%	-1%	-2%	-	-	-	-	-
1961	Critical	-	-	-3%	-4%	-4%	-4%	-5%	-	-	-	-	-
1962	Below Normal	-11%	-13%	-46%	19%	18%	5%	-57%	-100%	-100%	-	-	-100%
1963	Above Normal	-9%	-9%	-9%	-9%	-9%	-9%	-9%	-8%	-58%	-	-	-
1964	Dry	-	-	0%	0%	0%	0%	0%	-	-	-	-100%	-100%
1965	Wet	4%	4%	4%	3%	3%	3%	4%	8%	233%	-	-100%	-100%
1966	Below Normal	-100%	-	-34%	0%	0%	0%	0%	-	-	-	-	-100%
1967	Wet	-22%	0%	0%	0%	0%	0%	50%	62%	386%	508%	660%	112%
1968	Dry	-	-	55%	59%	59%	58%	65%	-	-	-	-100%	-
1969	Wet	0%	0%	7%	0%	0%	8%	80%	111%	265%	-	776%	1190%
1970	Above Normal	264%	-	137%	7%	3%	30%	202%	-	-	-	-	-
1971	Below Normal	-	-	-10%	-11%	-11%	-11%	-12%	-	-	-	-	-
1972	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
1973	Above Normal	-8%	-4%	-4%	-23%	0%	0%	0%	6%	13%	13%	-98%	-95%
1974	Wet	-33%	26%	-5%	1%	20%	27%	29%	40%	233%	-	-	-
1975	Wet	0%	-8%	-9%	-16%	-8%	-9%	-9%	-9%	-100%	-	-	-
1976	Critical	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1977	Critical	-	-	-5%	-5%	-5%	0%	-7%	-	-	-	-	-100%
1978	Wet	-100%	0%	0%	0%	0%	0%	14%	148%	629%	-	1097%	2947%
1979	Above Normal	402%	64%	30%	32%	29%	49%	200%	493%	-	-	-98%	-99%
1980	Wet	-59%	47%	17%	0%	0%	3%	173%	547%	629%	-	-	-
1981	Dry	-	-	12%	12%	12%	12%	13%	-	-	-	-	-100%
1982	Wet	286%	-56%	7%	0%	0%	0%	59%	-25%	-23%	7%	-5%	-100%
1983	Wet	-	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	-3%	-4%
1984	Above Normal	0%	87%	62%	53%	31%	51%	178%	350%	-	-	-	-
1985	Dry	-	-	0%	-1%	-1%	-1%	-1%	-	-	-	-	-100%
1986	Wet	-96%	4%	26%	2%	8%	24%	190%	792%	794%	-	-	-
1987	Critical	-	-	17%	18%	18%	18%	20%	-	-	-	-	-
1988	Critical	-	-	4%	5%	5%	5%	6%	-	-	-	-	-
1989	Critical	-	-	-2%	-3%	-3%	-3%	-3%	-	-	-	-	-
1990	Critical	-	-	-3%	-3%	-3%	-3%	-4%	-	-	-	-	-
1991	Critical	-	-	-2%	-2%	-2%	-2%	-3%	-	-	-	-	-
1992	Critical	-	-	-3%	-3%	-3%	-3%	-4%	-	-	-	-	-100%
1993	Wet	-28%	-12%	-9%	-3%	0%	10%	19%	67%	100%	-	-	-
1994	Critical	-	-	2%	2%	2%	2%	2%	-	-	-	-100%	-100%
1995	Wet	-100%	0%	0%	0%	0%	0%	6%	0%	22%	28%	28%	10%
1996	Wet	-54%	9%	52%	14%	17%	35%	257%	247%	2383%	-32%	-56%	-55%
1997	Wet	0%	88%	48%	16%	0%	35%	445%	-	-	-	-	-100%
1998	Wet	-100%	0%	0%	0%	0%	0%	21%	0%	27%	47%	47%	26%
1999	Above Normal	-	-	142%	9%	5%	33%	209%	-	-	-	-	-
2000	Above Normal	-100%	-100%	-46%	11%	26%	0%	-56%	-100%	-100%	-100%	-100%	-100%
2001	Dry	-	-	1%	1%	1%	1%	1%	-	-	-	-	-
2002	Dry	-	-	-2%	-2%	-2%	-2%	-2%	-	-	-	-	-
2003	Below Normal	-	-	-7%	-8%	-8%	-8%	-9%	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	22	43	60	138	189	174	98	36	6	5	5	29
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	58	96	158	177	149	63	19	3	3	3	19
1927	Above Normal	26	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	24	43	103	133	80	35	24	8	0	0	12
1930	Critical	19	23	42	100	129	77	34	23	8	0	0	11
1931	Critical	7	8	15	36	41	19	26	8	3	0	0	4
1932	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	17	21	37	89	115	69	30	20	7	0	0	10
1935	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1936	Above Normal	28	47	80	157	188	158	73	24	4	4	4	20
1937	Wet	28	52	86	157	188	158	73	24	4	4	4	20
1938	Wet	17	28	56	129	191	177	100	38	11	6	6	30
1939	Dry	33	59	92	150	169	142	60	18	3	3	3	18
1940	Above Normal	31	52	86	158	188	152	71	21	4	4	3	20
1941	Wet	22	37	60	129	191	177	100	40	12	6	6	30
1942	Wet	22	43	64	138	189	174	98	36	6	5	5	29
1943	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	21	31	57	135	174	105	46	31	10	0	0	16
1949	Below Normal	30	55	91	149	168	141	60	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	33	59	98	162	182	153	65	20	3	3	3	20
1952	Wet	20	37	56	129	191	177	100	40	11	6	6	30
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	97	160	179	151	64	19	3	3	3	19
1955	Dry	32	57	95	157	176	148	63	19	3	3	3	19
1956	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	22	37	60	129	191	177	100	40	11	6	6	30
1959	Dry	33	59	98	161	180	152	64	20	3	3	3	20
1960	Critical	18	22	40	95	123	74	32	22	7	0	0	11
1961	Critical	13	15	28	67	86	52	23	15	5	0	0	8
1962	Below Normal	28	47	80	151	191	163	79	27	5	5	5	20
1963	Above Normal	26	43	64	146	187	170	95	33	5	5	5	20
1964	Dry	29	52	87	143	160	135	57	17	3	3	3	17
1965	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1966	Below Normal	37	62	98	162	182	153	65	20	3	3	3	20
1967	Wet	11	19	43	101	185	188	122	64	15	7	7	33
1968	Dry	26	31	56	134	173	104	46	31	10	0	0	15
1969	Wet	17	28	52	115	193	181	104	50	13	7	7	30
1970	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	54	90	148	166	139	59	18	3	3	3	18
1973	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1975	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1976	Critical	20	24	44	105	136	82	36	24	8	0	0	12
1977	Critical	7	9	16	39	50	20	21	9	3	0	0	4
1978	Wet	11	24	47	114	194	184	106	57	14	7	7	30
1979	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1980	Wet	17	28	56	129	191	177	100	40	11	6	6	30
1981	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1982	Wet	17	28	52	129	191	177	100	40	11	6	6	30
1983	Wet	3	9	35	101	183	197	130	68	23	9	8	34
1984	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1987	Critical	27	48	80	139	179	108	47	32	11	0	0	16
1988	Critical	18	21	39	94	121	73	32	22	7	0	0	11
1989	Critical	21	26	47	111	144	86	38	26	9	0	0	13
1990	Critical	16	19	34	81	105	63	28	19	6	0	0	9
1991	Critical	23	28	50	120	155	93	41	28	9	0	0	14
1992	Critical	19	23	42	101	130	78	34	23	8	0	0	12
1993	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1994	Critical	27	49	81	134	150	126	54	16	3	3	3	16
1995	Wet	3	9	30	101	183	197	130	78	20	7	7	34
1996	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1997	Wet	28	52	86	158	188	152	71	21	4	4	3	20
1998	Wet	9	14	39	101	179	191	124	64	19	9	9	35
1999	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2000	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
2001	Dry	32	57	96	157	177	149	63	19	3	3	3	19
2002	Dry	29	52	86	142	160	134	57	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 4 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	14	24	47	114	194	184	106	57	14	7	7	30
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	57	94	155	174	146	62	19	3	3	3	19
1927	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	23	43	102	132	79	35	23	8	0	0	12
1930	Critical	18	22	40	97	124	75	33	22	7	0	0	11
1931	Critical	4	8	14	33	34	16	27	8	3	0	0	4
1932	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	16	20	36	86	110	66	29	20	7	0	0	10
1935	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1936	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1937	Wet	22	33	56	129	191	177	100	40	11	6	6	30
1938	Wet	3	5	30	101	183	197	130	66	23	10	10	37
1939	Dry	33	56	90	158	188	152	71	21	4	4	3	20
1940	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1941	Wet	14	24	47	114	194	184	106	56	17	7	7	30
1942	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1943	Wet	22	37	56	138	189	174	98	36	6	5	5	29
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	25	30	56	133	171	103	45	31	10	0	0	15
1949	Below Normal	30	53	89	146	164	138	59	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1952	Wet	11	19	43	101	185	188	122	64	19	7	7	35
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	97	159	179	150	64	19	3	3	3	19
1955	Dry	31	56	94	155	174	146	62	19	3	3	3	19
1956	Wet	9	14	39	101	179	191	124	68	20	11	8	36
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1959	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1960	Critical	18	22	39	94	121	73	32	22	7	0	0	11
1961	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1962	Below Normal	31	52	90	158	188	152	71	21	4	4	3	20
1963	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1964	Dry	29	52	86	142	160	134	57	17	3	3	3	17
1965	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1966	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1967	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1968	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1969	Wet	3	5	30	101	183	197	130	66	23	11	10	36
1970	Above Normal	22	43	64	146	187	170	95	34	5	5	5	20
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	53	89	146	164	138	59	18	3	3	3	18
1973	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1975	Wet	31	52	86	157	188	158	73	24	4	4	4	20
1976	Critical	20	24	44	105	136	82	36	24	8	0	0	12
1977	Critical	7	8	15	36	46	16	19	8	3	0	0	4
1978	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1979	Above Normal	14	24	47	114	194	184	106	57	14	7	7	30
1980	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1981	Dry	33	56	90	158	188	152	71	21	4	4	3	20
1982	Wet	3	5	30	101	183	197	130	67	23	11	7	32
1983	Wet	3	5	30	101	183	197	130	68	23	9	8	34
1984	Above Normal	14	24	47	114	194	184	106	57	14	7	7	30
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	9	14	39	101	179	191	124	73	20	7	7	36
1987	Critical	32	58	96	158	177	149	63	19	3	3	3	19
1988	Critical	19	23	41	99	128	77	34	23	8	0	0	11
1989	Critical	21	25	45	108	139	84	37	25	8	0	0	12
1990	Critical	15	18	33	78	101	61	27	18	6	0	0	9
1991	Critical	22	27	49	117	151	91	40	27	9	0	0	13
1992	Critical	19	22	41	97	125	75	33	22	7	0	0	11
1993	Wet	20	33	56	129	191	177	100	40	11	6	6	30
1994	Critical	28	50	83	137	154	129	55	17	3	3	3	17
1995	Wet	3	5	30	101	183	197	130	78	20	8	7	34
1996	Wet	11	19	43	101	185	188	122	57	19	11	7	31
1997	Wet	14	24	47	114	194	184	106	57	14	7	7	30
1998	Wet	3	5	30	101	183	197	130	69	23	10	10	36
1999	Above Normal	22	37	60	138	189	174	98	36	6	5	5	29
2000	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2001	Dry	32	58	96	158	178	149	63	19	3	3	3	19
2002	Dry	28	51	85	139	156	131	56	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-9	-19	-12	-24	5	10	9	21	8	1	1	1
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	-1	-2	-3	-3	-2	-1	0	0	0	0	0
1927	Above Normal	5	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	-1	-1	-1	0	0	0	0	0	0
1930	Critical	-1	-1	-1	-3	-4	-3	-1	-1	0	0	0	0
1931	Critical	-3	-1	-1	-3	-6	-3	1	-1	0	0	0	0
1932	Above Normal	5	9	21	10	1	-12	-22	-10	-1	-1	-1	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	-1	-1	-2	-4	-5	-3	-1	-1	0	0	0	0
1935	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
1936	Above Normal	0	0	0	-6	3	5	6	3	1	1	1	0
1937	Wet	-6	-19	-30	-28	3	19	27	16	7	2	2	10
1938	Wet	-14	-24	-26	-28	-8	20	30	28	11	5	4	7
1939	Dry	0	-3	-2	8	19	10	10	3	1	1	0	1
1940	Above Normal	2	5	4	0	0	0	0	0	0	0	0	0
1941	Wet	-9	-14	-12	-15	3	7	6	16	6	1	1	1
1942	Wet	-5	-14	-12	-23	4	7	6	16	7	1	1	1
1943	Wet	-6	-10	-25	-13	-2	11	18	10	1	1	1	9
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	4	0	-1	-2	-3	-2	-1	-1	0	0	0	0
1949	Below Normal	-1	-1	-2	-3	-4	-3	-1	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	-5	-12	-18	-11	9	10	15	7	1	1	1	0
1952	Wet	-9	-18	-12	-28	-6	10	21	25	8	1	1	6
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	-1	-1	-1	0	0	0	0	0	0
1955	Dry	-1	-1	-1	-2	-3	-2	-1	0	0	0	0	0
1956	Wet	-14	-23	-21	-37	-10	17	27	32	14	6	3	7
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-5	-9	-8	-14	2	4	3	13	1	1	1	1
1959	Dry	0	0	1	1	1	1	0	0	0	0	0	0
1960	Critical	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1961	Critical	-1	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1962	Below Normal	3	5	9	8	-2	-11	-9	-6	-1	-1	-1	0
1963	Above Normal	3	5	16	4	4	-8	-16	-7	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	-3	-5	-16	-4	-4	8	16	7	0	0	0	0
1966	Below Normal	-4	-3	1	0	0	0	0	0	0	0	0	0
1967	Wet	-9	-14	-13	0	-1	10	9	14	7	-1	-1	3
1968	Dry	11	32	41	24	9	45	19	-11	-7	3	3	4
1969	Wet	-14	-24	-22	-14	-10	16	27	16	10	4	3	5
1970	Above Normal	-10	-14	-25	-12	-1	18	24	13	1	1	1	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	-1	-1	-1	-2	-1	-1	0	0	0	0	0
1973	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	-6	-10	-21	-13	-2	11	18	10	1	1	1	9
1975	Wet	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	-1	-1	-1	-3	-4	-5	-2	-1	0	0	0	0
1978	Wet	-9	-19	-17	-13	-11	13	24	21	9	0	0	6
1979	Above Normal	-14	-28	-39	-43	6	26	33	34	10	3	3	10
1980	Wet	-14	-24	-26	-28	-8	20	30	38	11	1	1	7
1981	Dry	-4	-6	-8	0	7	3	6	1	1	1	0	0
1982	Wet	-14	-24	-22	-28	-8	20	30	27	11	5	1	3
1983	Wet	0	-5	-5	0	0	0	0	0	0	0	0	0
1984	Above Normal	-17	-28	-39	-43	6	26	33	34	10	3	3	10
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-17	-28	-26	-45	-8	20	29	40	15	2	2	16
1987	Critical	5	10	16	19	-2	41	16	-13	-7	3	3	3
1988	Critical	1	1	2	5	7	4	2	1	0	0	0	1
1989	Critical	-1	-1	-1	-3	-4	-3	-1	-1	0	0	0	0
1990	Critical	-1	-1	-1	-3	-4	-2	-1	-1	0	0	0	0
1991	Critical	-1	-1	-1	-3	-4	-3	-1	-1	0	0	0	0
1992	Critical	-1	-1	-2	-4	-5	-3	-1	-1	0	0	0	0
1993	Wet	-3	-5	-4	-9	2	3	3	3	6	1	1	1
1994	Critical	1	1	2	3	3	3	1	0	0	0	0	0
1995	Wet	0	-5	0	0	0	0	0	0	0	0	0	0
1996	Wet	-17	-28	-37	-49	-6	25	42	31	14	6	2	11
1997	Wet	-14	-28	-39	-44	6	32	36	36	10	3	3	10
1998	Wet	-6	-10	-9	0	4	7	6	5	4	1	1	1
1999	Above Normal	-10	-19	-30	-20	1	22	27	15	2	1	2	9
2000	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
2001	Dry	0	0	1	1	1	1	0	0	0	0	0	0
2002	Dry	-1	-1	-2	-3	-3	-3	-1	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-38%	-45%	-21%	-17%	3%	6%	9%	58%	150%	25%	25%	5%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1927	Above Normal	21%	10%	7%	4%	-1%	-3%	-8%	-11%	-17%	-14%	-14%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1930	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1931	Critical	-47%	-7%	-8%	-8%	-16%	-15%	3%	-8%	-8%	-	-	-8%
1932	Above Normal	21%	22%	33%	7%	1%	-7%	-23%	-30%	-19%	-14%	-14%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-	-	-4%
1935	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
1936	Above Normal	0%	0%	0%	-4%	1%	3%	8%	13%	28%	17%	17%	0%
1937	Wet	-21%	-37%	-35%	-18%	1%	12%	37%	68%	181%	50%	50%	50%
1938	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	73%	99%	77%	64%	25%
1939	Dry	0%	-4%	-2%	5%	11%	7%	17%	15%	29%	29%	7%	7%
1940	Above Normal	6%	9%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	-38%	-37%	-21%	-12%	2%	4%	6%	41%	48%	11%	11%	2%
1942	Wet	-24%	-34%	-19%	-17%	2%	4%	6%	44%	124%	25%	25%	5%
1943	Wet	-21%	-21%	-31%	-8%	-1%	7%	23%	36%	18%	14%	14%	47%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	19%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1949	Below Normal	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	-14%	-20%	-18%	-7%	5%	7%	23%	36%	43%	40%	40%	0%
1952	Wet	-43%	-49%	-22%	-22%	-3%	6%	21%	62%	68%	13%	11%	19%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-62%	-61%	-35%	-27%	-5%	10%	27%	87%	251%	105%	48%	24%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	-24%	-25%	-13%	-11%	1%	2%	3%	32%	12%	11%	11%	2%
1959	Dry	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1960	Critical	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-	-	-2%
1961	Critical	-5%	-5%	-5%	-5%	-5%	-5%	-5%	-5%	-5%	-	-	-5%
1962	Below Normal	9%	10%	12%	5%	-1%	-7%	-11%	-21%	-16%	-14%	-29%	0%
1963	Above Normal	10%	11%	25%	3%	2%	-4%	-16%	-20%	-5%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	-9%	-10%	-20%	-3%	-2%	5%	20%	26%	4%	0%	0%	0%
1966	Below Normal	-11%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-76%	-76%	-30%	0%	-1%	5%	7%	21%	48%	-8%	-8%	9%
1968	Dry	43%	102%	73%	18%	5%	44%	42%	-36%	-68%	-	-	28%
1969	Wet	-85%	-84%	-42%	-12%	-5%	9%	26%	32%	74%	61%	49%	18%
1970	Above Normal	-32%	-24%	-28%	-8%	-1%	12%	34%	61%	24%	17%	40%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1973	Above Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-21%	-21%	-26%	-8%	-1%	7%	23%	36%	18%	14%	14%	47%
1975	Wet	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1977	Critical	-7%	-7%	-8%	-7%	-7%	-23%	-7%	-7%	-7%	-	-	-7%
1978	Wet	-76%	-81%	-36%	-11%	-6%	7%	23%	36%	65%	2%	0%	20%
1979	Above Normal	-51%	-54%	-45%	-27%	3%	17%	45%	143%	255%	67%	67%	53%
1980	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	97%	104%	13%	11%	24%
1981	Dry	-11%	-9%	-8%	0%	4%	2%	9%	7%	20%	20%	0%	0%
1982	Wet	-85%	-84%	-42%	-22%	-4%	11%	30%	69%	104%	82%	11%	9%
1983	Wet	0%	-50%	-13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	-55%	-54%	-45%	-27%	3%	17%	45%	143%	264%	67%	67%	53%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-67%	-66%	-40%	-31%	-4%	12%	31%	118%	295%	43%	43%	82%
1987	Critical	20%	20%	20%	13%	-1%	38%	34%	-40%	-70%	-	-	20%
1988	Critical	6%	6%	6%	6%	6%	6%	6%	6%	6%	-	-	6%
1989	Critical	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1990	Critical	-3%	-3%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-	-	-4%
1991	Critical	-2%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-	-	-3%
1992	Critical	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-	-	-4%
1993	Wet	-12%	-12%	-7%	-6%	1%	2%	3%	9%	100%	12%	12%	2%
1994	Critical	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1995	Wet	0%	-50%	0%	0%	0%	0%	0%	0%	1%	3%	2%	0%
1996	Wet	-60%	-60%	-46%	-33%	-3%	15%	53%	115%	291%	132%	43%	57%
1997	Wet	-51%	-54%	-45%	-28%	3%	21%	50%	173%	248%	67%	100%	53%
1998	Wet	-69%	-68%	-22%	0%	2%	3%	5%	7%	18%	14%	12%	4%
1999	Above Normal	-32%	-34%	-33%	-13%	0%	14%	38%	73%	41%	33%	60%	47%
2000	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
2001	Dry	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
2002	Dry	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	34	90	130	124	100	78	27	0	0	0	0	16
1923	Above Normal	24	62	73	61	53	52	31	7	1	1	1	18
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	2	4	7	12	13	11	4	1	0	0	0	1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	33	73	90	82	67	62	31	6	0	0	0	21
1928	Below Normal	3	6	11	19	21	18	7	2	0	0	0	2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	34	83	113	97	83	65	21	1	1	1	1	22
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	20	47	72	60	53	52	30	7	1	1	1	5
1936	Above Normal	25	66	82	63	56	54	32	7	1	1	1	0
1937	Wet	1	44	63	58	50	50	29	7	1	1	1	18
1938	Wet	0	27	98	168	120	108	53	14	2	7	7	21
1939	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	20	55	64	58	54	50	16	5	0	0	1	10
1941	Wet	37	78	139	153	107	98	52	12	1	7	6	18
1942	Wet	38	89	123	121	99	77	26	0	0	0	0	15
1943	Wet	3	56	85	75	59	55	28	5	0	0	0	19
1944	Below Normal	3	5	8	14	16	13	5	2	0	0	0	0
1945	Above Normal	35	86	119	106	93	74	25	2	1	1	1	24
1946	Above Normal	21	56	64	46	37	38	24	5	0	0	0	16
1947	Dry	1	2	4	6	7	6	2	1	0	0	0	1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	1	2	4	6	7	6	2	1	0	0	0	1
1951	Above Normal	3	5	10	17	19	15	6	2	0	0	0	2
1952	Wet	21	77	98	154	108	96	46	12	1	6	6	18
1953	Below Normal	2	15	20	33	38	31	12	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	46	101	138	138	114	96	35	3	1	1	1	18
1957	Below Normal	2	15	19	32	37	30	12	3	1	1	1	3
1958	Wet	33	55	137	155	107	94	45	12	1	6	6	18
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	26	71	86	77	62	58	29	5	0	0	0	20
1963	Above Normal	36	87	117	102	89	71	24	1	1	1	1	23
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	31	77	93	87	73	67	34	7	1	1	1	21
1966	Below Normal	1	14	18	18	20	17	7	2	0	0	0	2
1967	Wet	74	44	114	143	119	102	70	52	14	22	22	70
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	19	17	76	128	109	91	62	44	14	19	19	59
1970	Above Normal	9	25	33	42	38	32	10	3	0	0	1	13
1971	Below Normal	4	7	12	21	24	19	8	2	0	0	0	2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	22	61	66	57	47	47	28	6	1	1	1	17
1974	Wet	30	71	85	75	60	56	28	5	0	0	0	19
1975	Wet	25	72	88	78	63	59	30	6	0	0	0	20
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	38	41	127	137	114	111	76	50	15	21	21	67
1979	Above Normal	21	60	71	54	46	46	28	6	1	1	0	0
1980	Wet	37	66	120	163	119	106	52	14	2	7	7	20
1981	Dry	0	12	14	23	27	22	9	3	0	0	0	3
1982	Wet	49	3	101	164	119	109	57	16	2	2	0	0
1983	Wet	0	46	126	104	104	107	93	59	15	24	26	83
1984	Above Normal	23	58	67	52	44	44	27	6	1	1	1	17
1985	Dry	1	1	3	4	5	4	2	0	0	0	0	0
1986	Wet	0	84	116	102	89	70	23	1	1	1	1	23
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	38	99	135	133	110	90	32	2	1	1	1	18
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	58	90	164	135	104	108	101	63	15	26	26	83
1996	Wet	28	73	88	80	65	60	31	5	0	0	0	15
1997	Wet	27	56	65	58	54	49	16	5	0	0	1	0
1998	Wet	44	20	123	117	122	96	83	55	15	24	24	75
1999	Above Normal	8	26	35	45	41	35	11	4	0	0	1	13
2000	Above Normal	16	58	68	50	41	42	25	4	1	1	1	16
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	3	5	8	14	16	13	5	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 4 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	53	72	119	131	106	103	84	51	14	20	20	63
1923	Above Normal	22	58	68	52	44	44	27	6	1	1	1	17
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	1	1	2	2	1	1	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	23	62	73	60	53	52	31	7	1	1	1	18
1928	Below Normal	1	1	2	3	4	3	1	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	23	62	73	60	53	52	30	7	1	1	1	18
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	9	27	37	46	43	37	12	4	0	0	1	1
1936	Above Normal	22	68	84	74	59	55	28	4	0	0	0	0
1937	Wet	13	71	105	156	112	102	51	14	2	6	6	19
1938	Wet	19	73	155	141	111	115	110	63	16	28	28	87
1939	Dry	9	26	35	45	41	35	11	4	0	0	0	0
1940	Above Normal	10	28	39	50	48	40	13	4	0	0	1	9
1941	Wet	55	45	122	134	110	107	104	48	14	24	23	67
1942	Wet	56	67	103	130	110	95	65	45	14	19	12	59
1943	Wet	3	91	112	139	114	98	36	3	1	1	1	18
1944	Below Normal	1	2	4	6	7	6	2	1	0	0	0	0
1945	Above Normal	34	86	116	100	87	68	22	1	1	1	1	23
1946	Above Normal	21	56	64	48	39	40	25	5	1	1	1	16
1947	Dry	0	1	1	2	2	2	1	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	1	1	0	0	0	0	0	0	0
1951	Above Normal	28	70	84	74	59	55	28	5	0	0	0	19
1952	Wet	41	50	123	146	123	106	95	62	15	27	27	72
1953	Below Normal	3	18	24	39	45	37	15	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	77	96	145	142	117	92	96	53	14	23	26	74
1957	Below Normal	3	18	24	39	45	36	15	4	1	1	1	4
1958	Wet	45	14	108	141	118	104	96	59	15	20	20	62
1959	Dry	0	1	1	2	2	2	1	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	18	54	45	61	56	53	17	5	0	0	1	15
1963	Above Normal	29	73	87	79	64	59	30	5	0	0	0	20
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	36	85	115	98	85	67	22	1	1	1	1	22
1966	Below Normal	4	6	11	18	20	17	7	2	0	0	0	2
1967	Wet	92	70	155	140	111	115	112	67	16	32	32	88
1968	Dry	3	16	21	34	40	32	13	4	1	1	0	0
1969	Wet	53	56	148	135	111	115	110	63	16	28	28	87
1970	Above Normal	40	92	124	111	99	79	28	2	1	1	1	24
1971	Below Normal	1	2	3	4	5	4	2	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	16	58	61	53	45	45	27	5	1	1	1	17
1974	Wet	44	105	140	134	111	92	33	2	1	1	1	18
1975	Wet	18	59	70	55	47	47	28	6	1	1	1	17
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	61	75	181	141	111	115	90	67	16	32	32	87
1979	Above Normal	61	75	120	134	109	107	85	51	14	21	0	33
1980	Wet	73	126	181	140	111	115	114	64	16	32	32	88
1981	Dry	8	25	33	41	37	32	10	3	0	0	1	13
1982	Wet	84	45	181	140	111	115	91	63	16	23	9	41
1983	Wet	2	55	137	110	111	115	99	63	16	26	28	87
1984	Above Normal	66	79	119	134	110	107	80	48	14	21	21	66
1985	Dry	1	2	2	3	4	3	1	0	0	0	0	0
1986	Wet	36	91	150	145	122	96	93	59	15	28	28	75
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	43	92	117	156	112	103	51	14	2	6	6	19
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	62	99	170	141	111	115	111	67	16	28	28	87
1996	Wet	65	85	136	145	121	105	97	52	15	9	0	66
1997	Wet	68	78	118	129	105	103	74	48	14	20	20	26
1998	Wet	59	40	152	113	111	115	107	63	16	28	28	87
1999	Above Normal	44	102	135	128	106	84	29	1	0	0	0	17
2000	Above Normal	9	27	37	46	43	37	12	4	0	0	1	13
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	1	1	2	2	2	2	1	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	20	-18	-11	7	6	25	57	51	13	20	20	48
1923	Above Normal	-1	-3	-5	-8	-9	-8	-4	-1	0	0	0	-1
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	-2	-3	-6	-10	-11	-9	-4	-1	0	0	0	-1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	-10	-11	-16	-21	-14	-10	-1	1	0	0	0	-2
1928	Below Normal	-3	-5	-9	-16	-18	-15	-6	-2	0	0	0	-2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	-11	-21	-40	-36	-30	-13	9	6	0	0	0	-4
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	-11	-20	-36	-14	-10	-16	-19	-3	-1	-1	0	-4
1936	Above Normal	-3	2	3	11	3	0	-4	-2	-1	0	-1	0
1937	Wet	13	27	42	98	61	53	22	8	1	5	5	1
1938	Wet	19	46	57	-27	-9	7	57	49	14	21	21	67
1939	Dry	8	26	35	45	41	35	11	4	0	0	0	0
1940	Above Normal	-10	-27	-25	-8	-7	-10	-3	-1	0	0	0	-1
1941	Wet	18	-33	-17	-19	3	9	52	36	13	18	17	49
1942	Wet	18	-22	-20	9	11	18	39	45	13	19	12	44
1943	Wet	0	35	26	64	54	43	7	-2	0	0	0	-1
1944	Below Normal	-1	-2	-4	-8	-9	-8	-3	-1	0	0	0	0
1945	Above Normal	-1	0	-3	-6	-7	-6	-3	-1	0	0	0	-1
1946	Above Normal	0	0	0	2	2	2	1	0	0	0	0	0
1947	Dry	-1	-1	-3	-5	-6	-5	-2	-1	0	0	0	-1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	-1	-2	-3	-6	-7	-6	-2	-1	0	0	0	-1
1951	Above Normal	25	65	74	58	40	39	22	3	0	0	0	17
1952	Wet	20	-27	25	-8	15	10	49	50	13	21	21	54
1953	Below Normal	1	3	4	6	7	6	2	1	0	0	0	1
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	31	-5	7	4	4	-4	61	50	13	23	25	56
1957	Below Normal	2	3	5	7	8	6	3	1	0	0	0	1
1958	Wet	12	-40	-30	-14	11	10	51	47	13	14	14	44
1959	Dry	0	1	1	2	2	2	1	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	-8	-17	-41	-17	-7	-4	-13	0	0	0	1	-4
1963	Above Normal	-7	-14	-30	-24	-26	-12	6	4	0	0	0	-3
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	5	9	22	11	12	-1	-12	-6	0	0	0	1
1966	Below Normal	2	-8	-7	0	0	0	0	0	0	0	0	0
1967	Wet	18	26	41	-2	-8	13	42	15	1	9	9	18
1968	Dry	3	16	21	34	40	32	13	4	1	1	0	0
1969	Wet	34	39	73	6	2	25	48	19	2	9	9	28
1970	Above Normal	31	67	91	69	61	46	18	-1	1	1	0	12
1971	Below Normal	-3	-5	-9	-16	-19	-15	-6	-2	0	0	0	-2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	-6	-3	-5	-4	-3	-3	-1	0	0	0	0	-1
1974	Wet	14	34	54	59	51	36	4	-3	0	0	0	-2
1975	Wet	-7	-13	-18	-23	-16	-12	-2	1	0	0	0	-3
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	23	35	53	3	-3	4	14	17	1	11	11	21
1979	Above Normal	40	15	49	79	63	60	57	45	13	20	0	33
1980	Wet	36	60	61	-23	-8	8	63	51	14	25	25	67
1981	Dry	8	13	19	18	10	10	1	1	0	0	0	10
1982	Wet	35	42	80	-23	-8	6	34	47	14	21	9	41
1983	Wet	2	9	11	6	7	8	6	4	1	1	1	4
1984	Above Normal	43	22	52	81	66	62	54	42	13	21	20	50
1985	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1986	Wet	35	7	34	43	33	26	69	58	14	27	27	52
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	6	-7	-18	23	2	13	19	13	1	6	6	1
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	4	9	6	5	7	8	10	4	1	1	1	4
1996	Wet	37	12	47	65	56	44	66	47	14	9	0	51
1997	Wet	40	22	52	71	51	53	58	43	13	20	19	26
1998	Wet	15	20	29	-4	-10	19	24	8	1	4	4	12
1999	Above Normal	36	76	100	84	65	50	19	-3	0	0	0	4
2000	Above Normal	-7	-31	-31	-3	2	-5	-14	0	-1	-1	0	-3
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	-2	-4	-7	-12	-13	-11	-4	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	58%	-20%	-8%	5%	6%	32%	217%	45125%	4002%	6031%	6021%	302%
1923	Above Normal	-6%	-6%	-7%	-13%	-17%	-15%	-13%	-16%	-21%	-21%	-21%	-7%
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-81%	-82%	-83%	-86%	-86%	-86%	-86%	-86%	-86%	-86%	-86%	-86%
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-30%	-15%	-18%	-26%	-21%	-16%	-3%	20%	97%	70%	73%	-12%
1928	Below Normal	-73%	-76%	-78%	-83%	-83%	-83%	-83%	-83%	-83%	-83%	-83%	-83%
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-31%	-25%	-35%	-38%	-36%	-20%	45%	1131%	21%	21%	21%	-19%
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-54%	-43%	-50%	-23%	-19%	-30%	-61%	-48%	-72%	-72%	21%	-75%
1936	Above Normal	-13%	3%	3%	18%	5%	0%	-12%	-36%	-79%	-57%	-60%	-
1937	Wet	2047%	62%	67%	169%	122%	105%	73%	114%	121%	754%	754%	7%
1938	Wet	-	167%	58%	-16%	-7%	7%	108%	348%	671%	315%	315%	323%
1939	Dry	984%	5463%	23199%	15123%	12223%	12661%	10006%	11272%	-	-	-	-
1940	Above Normal	-51%	-49%	-39%	-14%	-12%	-20%	-19%	-17%	-36%	-36%	-14%	-12%
1941	Wet	49%	-42%	-12%	-13%	3%	9%	100%	289%	937%	268%	264%	276%
1942	Wet	48%	-24%	-16%	8%	11%	24%	151%	17878%	4752%	6613%	-	284%
1943	Wet	0%	63%	31%	86%	92%	77%	26%	-39%	131%	131%	131%	-5%
1944	Below Normal	-46%	-49%	-51%	-57%	-57%	-57%	-57%	-57%	-57%	-57%	-57%	-
1945	Above Normal	-3%	0%	-2%	-6%	-7%	-8%	-12%	-44%	-15%	-15%	-15%	-4%
1946	Above Normal	1%	0%	0%	4%	5%	4%	3%	5%	7%	7%	7%	2%
1947	Dry	-63%	-68%	-69%	-75%	-75%	-75%	-75%	-75%	-75%	-75%	-75%	-75%
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-86%	-86%	-89%	-92%	-92%	-92%	-92%	-92%	-	-92%	-92%	-92%
1951	Above Normal	834%	1207%	780%	348%	212%	254%	355%	179%	-10%	-10%	-10%	976%
1952	Wet	95%	-35%	25%	-5%	14%	11%	108%	414%	959%	348%	350%	298%
1953	Below Normal	65%	18%	21%	19%	19%	19%	19%	19%	19%	19%	19%	19%
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	69%	-5%	5%	3%	3%	-4%	177%	1911%	2091%	3518%	3951%	306%
1957	Below Normal	84%	20%	23%	21%	21%	21%	21%	21%	21%	21%	21%	21%
1958	Wet	35%	-74%	-21%	-9%	10%	11%	114%	401%	982%	234%	234%	249%
1959	Dry	562%	664%	5309%	4518%	4518%	4518%	4518%	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-31%	-24%	-48%	-21%	-11%	-8%	-43%	-2%	39%	39%	244%	-22%
1963	Above Normal	-19%	-16%	-25%	-23%	-29%	-16%	26%	310%	-53%	-42%	-44%	-13%
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	15%	12%	24%	13%	16%	-1%	-36%	-88%	27%	27%	27%	5%
1966	Below Normal	158%	-55%	-39%	-1%	-1%	-1%	-1%	-1%	-1%	-	-1%	-1%
1967	Wet	24%	59%	36%	-2%	-6%	12%	60%	28%	9%	42%	43%	26%
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	175%	227%	96%	5%	2%	27%	77%	44%	16%	46%	46%	48%
1970	Above Normal	358%	273%	274%	164%	160%	143%	178%	-29%	734%	734%	20%	92%
1971	Below Normal	-73%	-75%	-76%	-79%	-79%	-79%	-79%	-79%	-79%	-79%	-79%	-79%
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-27%	-5%	-8%	-7%	-6%	-5%	-5%	-6%	-8%	-9%	-9%	-3%
1974	Wet	45%	49%	63%	79%	86%	65%	16%	-59%	99%	99%	99%	-9%
1975	Wet	-27%	-18%	-21%	-30%	-26%	-20%	-6%	14%	97%	97%	97%	-14%
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	61%	85%	42%	3%	-2%	4%	19%	35%	8%	50%	50%	31%
1979	Above Normal	193%	26%	69%	145%	136%	130%	206%	726%	2051%	3102%	-	-
1980	Wet	96%	92%	51%	-14%	-7%	8%	121%	367%	695%	381%	383%	331%
1981	Dry	1883%	109%	131%	77%	37%	46%	10%	25%	-77%	-77%	77%	392%
1982	Wet	72%	1377%	78%	-14%	-7%	5%	61%	300%	691%	884%	-	-
1983	Wet	-	19%	8%	5%	7%	7%	6%	7%	8%	5%	4%	5%
1984	Above Normal	186%	37%	78%	155%	148%	141%	200%	707%	2197%	3373%	3352%	296%
1985	Dry	16%	7%	-5%	-22%	-22%	-22%	-22%	-22%	-22%	-22%	-22%	-
1986	Wet	8584%	8%	29%	42%	37%	37%	296%	4905%	1889%	3681%	3681%	228%
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	15%	-7%	-14%	17%	2%	14%	60%	701%	196%	1034%	1034%	8%
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	6%	10%	4%	4%	7%	7%	10%	6%	7%	4%	4%	5%
1996	Wet	134%	17%	53%	81%	87%	74%	217%	878%	3756%	-	-	342%
1997	Wet	148%	39%	80%	123%	95%	109%	362%	857%	3260%	4891%	1797%	-
1998	Wet	34%	97%	23%	-4%	-8%	20%	29%	15%	7%	16%	16%	16%
1999	Above Normal	439%	298%	289%	188%	159%	142%	169%	-73%	184%	184%	-44%	28%
2000	Above Normal	-44%	-54%	-46%	-6%	5%	-13%	-54%	3%	-79%	-77%	9%	-18%
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-79%	-81%	-81%	-85%	-85%	-85%	-85%	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	76	79	67	0	0	0	0	0	0	35	26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	19	0	82	21	0	0	0	0	0	0	0	0
1937	Wet	0	12	10	83	0	0	0	0	0	21	72	67
1938	Wet	0	0	12	34	31	0	0	0	0	0	0	6
1939	Dry	14	60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	18	46	0	0	0	0	0	0	0	0
1941	Wet	33	64	9	42	0	0	0	0	0	0	20	58
1942	Wet	0	0	76	66	0	0	0	0	0	0	0	67
1943	Wet	0	0	74	14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	2
1945	Above Normal	0	0	0	4	0	0	0	0	0	30	68	10
1946	Above Normal	0	0	16	0	0	0	0	0	0	0	0	10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	74	74	69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	24
1952	Wet	0	0	12	47	0	0	0	0	0	0	18	12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1956	Wet	48	0	0	40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	12	46	0	0	0	0	0	0	0	0
1959	Dry	0	5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	70	69
1965	Wet	0	0	0	0	0	0	0	0	0	0	29	12
1966	Below Normal	0	0	54	0	0	0	0	0	0	0	3	68
1967	Wet	69	0	8	71	38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	12	0	40	0	0	0	0	0	38	7
1970	Above Normal	27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	83	0	0	0	0	0	0	74	29
1974	Wet	49	0	86	83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	2
1978	Wet	0	0	11	71	33	0	0	0	0	0	35	13
1979	Above Normal	40	0	63	51	0	0	0	0	0	0	0	0
1980	Wet	0	0	86	38	11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1982	Wet	74	0	86	38	0	0	0	78	71	0	0	0
1983	Wet	0	0	0	0	53	0	0	0	46	0	74	0
1984	Above Normal	32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	2
1986	Wet	0	78	80	77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1993	Wet	10	76	71	51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	10	69
1995	Wet	0	71	1	71	53	0	0	0	0	0	0	0
1996	Wet	0	70	68	74	0	0	0	0	0	0	0	0
1997	Wet	77	0	43	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	5	0	40	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 4 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	67
1938	Wet	0	0	0	71	46	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	46	0	0	0	6	0	74	0
1984	Above Normal	1	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	20	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	31	46	0	0	0	0	0	0	0
1996	Wet	0	0	82	71	0	0	0	0	0	0	0	0
1997	Wet	50	0	25	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 4 - Future No Action (taf)
SVI

Year	Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	-76	-79	-67	0	0	0	0	0	0	-35	-26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	-62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	-19	0	-82	-21	0	0	0	0	0	0	0	0
1937	Wet	0	-12	-10	-83	0	0	0	0	0	-21	-72	0
1938	Wet	0	0	-12	38	16	0	0	0	0	0	0	-6
1939	Dry	-14	-60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	-18	-46	0	0	0	0	0	0	0	0
1941	Wet	-33	-64	-9	-42	0	0	0	0	0	0	-20	-58
1942	Wet	0	0	-76	-66	0	0	0	0	0	0	0	-67
1943	Wet	0	0	-74	-14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1945	Above Normal	0	0	0	-4	0	0	0	0	0	-30	-68	-10
1946	Above Normal	0	0	-16	0	0	0	0	0	0	0	0	-10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	-74	-74	-69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-24
1952	Wet	0	0	-12	-47	0	0	0	0	0	0	-18	-12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1956	Wet	-48	0	0	-40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	-12	-46	0	0	0	0	0	0	0	0
1959	Dry	0	-5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-70	-69
1965	Wet	0	0	0	0	0	0	0	0	0	0	-29	-12
1966	Below Normal	0	0	-54	0	0	0	0	0	0	0	-3	-68
1967	Wet	-69	0	-8	-71	-38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	-12	0	7	0	0	0	0	0	-38	-7
1970	Above Normal	-27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	-83	0	0	0	0	0	0	-74	-29
1974	Wet	-49	0	-86	-83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	-33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2
1978	Wet	0	0	-11	-71	-33	0	0	0	0	0	-35	-13
1979	Above Normal	-40	0	-63	-51	0	0	0	0	0	0	0	0
1980	Wet	0	0	-86	-38	-11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1982	Wet	-74	0	-86	-38	0	0	0	-78	-71	0	0	0
1983	Wet	0	0	0	0	-7	0	0	0	-40	0	0	0
1984	Above Normal	-31	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1986	Wet	0	-78	-80	-57	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1993	Wet	-10	-76	-71	-51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	-10	-69
1995	Wet	0	-71	-1	-41	-7	0	0	0	0	0	0	0
1996	Wet	0	-70	14	-4	0	0	0	0	0	0	0	0
1997	Wet	-28	0	-18	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	-5	0	6	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	-32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1937	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%	0%
1938	Wet	-	-	-100%	111%	51%	-	-	-	-	-	-	-100%
1939	Dry	-100%	-100%	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1941	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1942	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-100%
1943	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1945	Above Normal	-	-	-	-100%	-	-	-	-	-	-100%	-100%	-100%
1946	Above Normal	-	-	-100%	-	-	-	-	-	-	-	-	-100%
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1952	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1956	Wet	-100%	-	-	-100%	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1959	Dry	-	-100%	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1965	Wet	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1966	Below Normal	-100%	-	-100%	-	-	-	-	-	-	-	-100%	-100%
1967	Wet	-100%	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-100%	-	17%	-	-	-	-	-	-100%	-100%
1970	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-100%	-100%
1974	Wet	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-100%	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1978	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%
1979	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1980	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1982	Wet	-100%	-	-100%	-100%	-	-	-	-100%	-100%	-	-	-
1983	Wet	-	-	-	-	-13%	-	-	-	-88%	-	0%	-
1984	Above Normal	-97%	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1986	Wet	-	-100%	-100%	-74%	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1993	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1995	Wet	-	-100%	-100%	-57%	-12%	-	-	-	-	-	-	-
1996	Wet	-	-100%	21%	-5%	-	-	-	-	-	-	-	-
1997	Wet	-36%	-	-41%	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-100%	-	15%	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,832	3,756	5,158	7,749	8,667	7,129	4,147	3,140	1,959	1,629	2,042	2,677
1923	Below Normal	2,223	2,743	3,870	5,628	6,119	5,272	3,491	2,723	1,614	1,176	1,313	1,725
1924	Critical	1,365	1,581	2,201	3,031	3,143	2,942	2,313	1,848	1,056	652	563	822
1925	Dry	2,110	2,630	4,125	6,049	6,625	5,640	3,620	2,805	1,681	1,265	1,457	1,963
1926	Dry	1,816	2,129	2,982	4,154	4,348	3,990	3,057	2,448	1,397	882	815	1,167
1927	Wet	2,310	2,953	4,149	6,088	6,671	5,674	3,632	2,813	1,688	1,273	1,470	1,911
1928	Above Normal	2,015	2,660	3,747	5,424	5,874	5,095	3,433	2,686	1,586	1,137	1,245	1,700
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,124	2,974	4,142	4,333	3,979	3,053	2,445	1,395	879	811	1,162
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,499	1,761	2,452	3,440	3,634	3,302	2,446	1,933	1,128	745	707	994
1933	Critical	1,298	1,496	2,083	2,837	2,911	2,771	2,251	1,808	1,021	608	496	741
1934	Critical	1,394	1,619	2,255	3,118	3,247	3,018	2,342	1,866	1,071	672	594	859
1935	Below Normal	1,506	1,713	3,225	4,551	4,824	4,339	3,185	2,529	1,467	972	954	1,288
1936	Below Normal	2,150	2,596	3,647	5,256	5,672	4,950	3,385	2,656	1,563	1,105	1,189	1,630
1937	Below Normal	1,698	2,457	3,477	4,973	5,332	4,705	3,305	2,605	1,525	1,052	1,094	1,511
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,878	2,400	3,365	4,785	5,106	4,063	3,251	2,572	1,499	1,016	1,032	1,383
1940	Above Normal	2,093	2,732	3,884	5,652	6,148	5,293	3,498	2,727	1,618	1,181	1,321	1,796
1941	Wet	2,649	3,533	4,900	7,318	8,148	6,755	4,025	3,063	1,899	1,547	1,899	2,496
1942	Wet	2,822	3,752	5,189	7,801	8,729	6,491	4,162	3,150	1,966	1,639	2,060	2,699
1943	Wet	2,812	3,505	4,930	7,368	8,209	6,799	4,039	3,072	1,906	1,556	1,916	2,431
1944	Dry	1,889	2,228	3,120	4,381	4,620	4,189	3,130	2,495	1,437	933	894	1,262
1945	Below Normal	2,168	3,141	4,416	6,525	7,196	6,059	3,774	2,903	1,766	1,373	1,624	2,163
1946	Below Normal	2,476	3,141	4,385	6,473	7,134	6,014	3,757	2,893	1,757	1,361	1,606	2,141
1947	Dry	1,985	2,640	3,711	5,363	5,801	5,043	3,416	2,676	1,578	1,126	1,224	1,617
1948	Below Normal	1,632	2,440	3,378	4,807	5,132	4,561	3,258	2,576	1,502	1,020	1,039	1,441
1949	Dry	1,972	3,043	4,239	6,235	6,848	5,804	3,680	2,844	1,714	1,307	1,522	2,041
1950	Below Normal	1,895	2,395	3,358	4,773	5,091	4,532	3,248	2,569	1,497	1,014	1,028	1,427
1951	Above Normal	2,541	3,141	4,405	6,505	7,173	6,042	3,768	2,899	1,762	1,368	1,617	2,081
1952	Wet	2,981	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1953	Wet	2,122	2,678	3,760	5,445	5,899	5,114	3,439	2,690	1,589	1,141	1,252	1,709
1954	Above Normal	2,145	2,684	3,751	5,430	5,881	4,955	3,435	2,688	1,587	1,138	1,247	1,703
1955	Dry	2,065	2,475	3,472	4,965	5,322	4,698	3,302	2,604	1,523	1,050	1,092	1,456
1956	Wet	2,979	3,680	5,012	7,505	8,374	6,412	4,078	3,097	1,925	1,583	1,961	2,575
1957	Above Normal	2,042	2,478	3,470	4,960	5,316	4,693	3,301	2,603	1,523	1,049	1,090	1,506
1958	Wet	2,830	3,763	5,518	8,350	9,390	7,650	4,318	3,249	2,041	1,743	2,243	2,930
1959	Below Normal	2,006	2,484	3,507	5,023	5,392	4,748	3,319	2,614	1,531	1,061	1,111	1,479
1960	Dry	1,810	2,429	3,406	4,854	5,189	3,558	3,271	2,584	1,508	1,029	1,055	1,461
1961	Dry	2,011	2,816	3,921	5,662	6,223	3,520	3,515	2,739	1,626	1,192	1,341	1,822
1962	Below Normal	2,124	2,694	3,794	5,501	5,966	5,162	3,455	2,700	1,597	1,152	1,270	1,733
1963	Wet	2,234	2,828	3,963	5,784	6,307	5,408	3,535	2,751	1,636	1,206	1,365	1,788
1964	Dry	2,109	2,538	3,563	5,117	5,504	4,829	3,346	2,631	1,544	1,079	1,142	1,571
1965	Wet	2,189	2,651	4,919	7,349	8,186	5,849	4,034	3,069	1,904	1,553	1,909	2,509
1966	Below Normal	2,251	2,790	3,901	5,681	6,183	5,318	3,506	2,733	1,622	1,186	1,330	1,808
1967	Wet	3,050	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,540	3,582	5,148	5,542	4,856	3,354	2,637	1,549	1,085	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,456	3,141	4,379	6,464	7,124	5,870	3,755	2,891	1,755	1,359	1,603	2,138
1971	Wet	1,979	2,492	3,495	5,003	5,367	4,730	3,313	2,611	1,529	1,057	1,104	1,471
1972	Below Normal	2,215	2,667	3,718	5,375	5,815	5,053	3,419	2,678	1,580	1,128	1,228	1,680
1973	Above Normal	2,295	2,974	4,171	6,124	6,716	5,707	3,644	2,821	1,695	1,282	1,483	1,995
1974	Wet	2,812	3,742	5,129	7,700	8,608	5,771	4,133	3,132	1,952	1,619	2,026	2,657
1975	Wet	2,455	3,250	4,406	6,507	7,175	5,054	3,768	2,900	1,763	1,369	1,618	2,081
1976	Critical	1,639	1,891	2,650	3,613	3,698	3,513	2,881	2,336	1,301	759	625	940
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,604	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1979	Below Normal	2,045	2,852	4,016	5,870	6,411	5,483	3,562	2,768	1,650	1,224	1,394	1,823
1980	Above Normal	2,835	3,543	4,985	7,461	8,320	6,879	4,065	3,089	1,919	1,574	1,946	2,556
1981	Dry	2,110	2,618	3,720	5,378	5,819	4,580	3,420	2,678	1,580	1,129	1,229	1,681
1982	Wet	3,031	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,141	4,417	6,526	7,197	6,060	3,774	2,904	1,766	1,373	1,624	2,163
1985	Dry	2,326	2,890	4,087	5,987	6,551	5,586	3,600	2,792	1,670	1,251	1,435	1,937
1986	Wet	2,277	3,114	4,380	6,465	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1987	Dry	1,506	2,221	3,110	4,364	4,600	4,175	3,125	2,491	1,434	930	889	1,212
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,422	3,397	4,839	5,170	4,589	3,267	2,581	1,506	1,026	1,050	1,455
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,733	2,413	3,377	3,558	3,246	2,426	1,920	1,117	730	685	934
1992	Critical	1,518	1,897	2,642	3,750	4,005	3,575	2,547	1,997	1,183	815	815	1,124
1993	Above Normal	2,249	3,255	4,372	6,452	7,108	4,897	3,750	2,888	1,753	1,356	1,598	2,132
1994	Critical	2,170	2,674	3,731	5,305	5,953	3,038	3,081	2,336	1,452	1,178	1,427	1,883
1995	Wet	2,827	3,822	5,353	8,074	9,058	7,411	4,240	3,199	2,003	1,691	2,151	2,717
1996	Wet	2,527	3,456	4,721	7,023	7,794	5,157	3,936	3,007	1,854	1,486	1,798	2,372
1997	Wet	2,797	3,483	4,898	7,315	8,145	6,192	4,024	3,062	1,899	1,546	1,898	2,495
1998	Wet	2,955	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1999	Wet	2,245	2,956	4,135	6,065	6,644	5,654	3,625	2,808	1,684	1,268	1,462	1,902
2000	Above Normal	2,214	2,909	4,065	5,951	6,507	5,554	3,588	2,785	1,664	1,242	1,423	1,922
2001	Dry	2,031	2,476	3,474	4,968	5,325	4,700	3,303	2,604	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,275	2,862	3,989	5,827	6,358	5,445	3,548	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,884	3,809	5,241	7,895	8,841	6,922	4,172	3,165	1,976	1,662	2,053	2,742
1923	Below Normal	2,267	2,785	3,939	5,751	6,267	5,369	3,509	2,744	1,628	1,205	1,364	1,778
1924	Critical	1,366	1,581	2,202	3,032	3,144	2,943	2,314	1,848	1,056	652	564	823
1925	Dry	2,123	2,643	4,150	6,093	6,677	5,676	3,628	2,813	1,687	1,275	1,474	1,982
1926	Dry	1,814	2,127	2,979	4,150	4,343	3,986	3,055	2,447	1,396	881	814	1,165
1927	Wet	2,364	3,009	4,239	6,246	6,860	5,800	3,660	2,840	1,707	1,309	1,533	1,978
1928	Above Normal	2,046	2,691	3,799	5,514	5,981	5,167	3,449	2,702	1,597	1,158	1,281	1,740
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,123	2,973	4,141	4,331	3,978	3,052	2,445	1,394	879	810	1,161
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,552	1,815	2,540	3,595	3,819	3,425	2,473	1,959	1,146	780	769	1,062
1933	Critical	1,298	1,496	2,083	2,837	2,910	2,771	2,250	1,808	1,021	608	495	740
1934	Critical	1,392	1,617	2,251	3,112	3,240	3,013	2,340	1,865	1,070	670	592	856
1935	Below Normal	1,556	1,765	3,308	4,698	4,999	4,456	3,211	2,554	1,484	1,005	1,012	1,350
1936	Below Normal	2,203	2,650	3,735	5,411	5,857	5,073	3,412	2,683	1,582	1,141	1,188	1,629
1937	Below Normal	1,749	2,455	3,498	5,126	5,515	4,827	3,331	2,631	1,543	1,051	1,093	1,510
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,848	2,335	3,281	4,653	4,945	3,301	3,197	2,546	1,477	995	997	1,332
1940	Above Normal	2,169	2,821	4,022	5,889	6,432	5,488	3,549	2,769	1,647	1,231	1,350	1,845
1941	Wet	2,711	3,578	4,974	7,449	8,305	6,425	4,045	3,085	1,914	1,578	1,890	2,555
1942	Wet	2,868	3,796	5,173	7,930	8,883	6,597	4,182	3,172	1,980	1,669	2,050	2,757
1943	Wet	2,857	3,548	5,001	7,494	8,359	6,897	4,058	3,093	1,921	1,586	1,968	2,485
1944	Dry	1,931	2,274	3,191	4,504	4,767	4,289	3,155	2,516	1,453	961	942	1,316
1945	Below Normal	2,211	3,171	4,470	6,623	7,313	6,132	3,783	2,918	1,774	1,395	1,666	2,208
1946	Below Normal	2,519	3,195	4,472	6,626	7,316	6,135	3,784	2,919	1,775	1,396	1,666	2,209
1947	Dry	2,000	2,663	3,746	5,424	5,874	5,092	3,428	2,686	1,586	1,139	1,248	1,643
1948	Below Normal	1,632	2,439	3,376	4,804	5,128	4,558	3,257	2,575	1,501	1,020	1,038	1,440
1949	Dry	1,972	3,041	4,236	6,230	6,842	5,800	3,678	2,842	1,713	1,306	1,520	2,039
1950	Below Normal	1,901	2,401	3,367	4,790	5,111	4,545	3,251	2,572	1,499	1,014	1,028	1,435
1951	Above Normal	2,595	3,197	4,494	6,662	7,360	6,167	3,796	2,926	1,781	1,404	1,679	2,102
1952	Wet	3,033	3,946	5,559	8,418	9,472	7,709	4,337	3,261	2,050	1,756	2,265	2,959
1953	Wet	2,089	2,680	3,771	5,470	5,928	5,125	3,430	2,693	1,590	1,151	1,269	1,723
1954	Above Normal	2,152	2,695	3,766	5,455	5,912	4,962	3,442	2,692	1,591	1,143	1,255	1,714
1955	Dry	2,063	2,471	3,467	4,956	5,311	4,690	3,300	2,602	1,522	1,048	1,089	1,452
1956	Wet	2,979	3,680	5,101	7,662	8,561	6,537	4,106	3,123	1,944	1,618	2,024	2,644
1957	Above Normal	2,091	2,529	3,551	5,103	5,487	4,808	3,326	2,627	1,540	1,082	1,147	1,569
1958	Wet	2,883	3,818	5,372	8,106	9,096	7,438	4,249	3,205	2,008	1,697	2,161	2,827
1959	Below Normal	2,021	2,523	3,565	5,122	5,511	4,831	3,342	2,632	1,544	1,082	1,147	1,521
1960	Dry	1,808	2,427	3,403	4,850	5,183	3,514	3,270	2,583	1,508	1,028	1,053	1,459
1961	Dry	2,011	2,815	3,920	5,661	6,220	3,515	3,515	2,738	1,626	1,192	1,341	1,822
1962	Below Normal	2,176	2,748	3,880	5,653	6,148	5,284	3,482	2,726	1,615	1,187	1,331	1,800
1963	Wet	2,283	2,876	4,042	5,923	6,472	5,517	3,558	2,775	1,652	1,238	1,421	1,847
1964	Dry	2,111	2,540	3,566	5,121	5,510	4,833	3,347	2,632	1,545	1,080	1,144	1,573
1965	Wet	2,219	2,673	4,963	7,431	8,283	5,611	4,040	3,082	1,912	1,574	1,947	2,547
1966	Below Normal	2,290	2,830	3,966	5,795	6,319	5,409	3,526	2,752	1,635	1,212	1,376	1,859
1967	Wet	3,095	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,588	3,660	5,285	5,706	4,966	3,379	2,660	1,565	1,116	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,467	3,197	4,469	6,621	7,311	5,998	3,782	2,918	1,773	1,395	1,665	2,207
1971	Wet	2,011	2,523	3,547	5,094	5,476	4,803	3,328	2,626	1,539	1,078	1,141	1,510
1972	Below Normal	2,216	2,668	3,719	5,377	5,817	5,054	3,419	2,678	1,580	1,128	1,229	1,681
1973	Above Normal	2,347	3,028	4,258	6,278	6,899	5,829	3,671	2,847	1,713	1,317	1,544	2,062
1974	Wet	2,837	3,751	5,150	7,744	8,659	5,627	4,129	3,138	1,955	1,634	2,051	2,678
1975	Wet	2,516	3,315	4,508	6,686	7,388	5,195	3,803	2,931	1,785	1,409	1,687	2,157
1976	Critical	1,637	1,889	2,648	3,609	3,694	3,510	2,880	2,335	1,300	758	624	938
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,571	3,946	5,498	8,316	9,348	7,356	4,308	3,242	2,036	1,736	2,231	2,915
1979	Below Normal	2,010	2,731	3,851	5,605	6,090	5,241	3,467	2,718	1,608	1,178	1,253	1,652
1980	Above Normal	2,837	3,546	5,079	7,625	8,516	7,011	4,095	3,117	1,939	1,611	2,011	2,629
1981	Dry	2,148	2,669	3,803	5,524	5,993	4,646	3,446	2,703	1,597	1,162	1,287	1,746
1982	Wet	3,066	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,197	4,506	6,682	7,384	6,185	3,802	2,930	1,784	1,409	1,686	2,233
1985	Dry	2,358	2,924	4,141	6,082	6,664	5,662	3,616	2,808	1,682	1,272	1,473	1,979
1986	Wet	2,260	3,113	4,380	6,622	7,312	6,132	3,782	2,918	1,774	1,395	1,665	2,207
1987	Dry	1,506	2,213	3,099	4,346	4,578	4,159	3,119	2,487	1,431	926	882	1,205
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,418	3,391	4,829	5,159	4,580	3,264	2,579	1,505	1,024	1,047	1,451
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,732	2,412	3,374	3,555	3,244	2,425	1,919	1,116	730	684	933
1992	Critical	1,517	1,889	2,631	3,733	3,986	3,560	2,541	1,993	1,180	811	810	1,117
1993	Above Normal	2,296	3,298	4,445	6,582	7,264	5,002	3,769	2,910	1,766	1,386	1,651	2,190
1994	Critical	2,173	2,679	3,738	5,314	5,976	3,035	3,085	2,338	1,454	1,181	1,430	1,888
1995	Wet	2,855	3,722	5,177	7,937	8,891	7,281	4,184	3,173	1,981	1,670	2,115	2,664
1996	Wet	2,601	3,430	4,695	6,991	7,755	5,140	3,902	2,994	1,839	1,479	1,732	2,293
1997	Wet	2,850	3,538	4,987	7,472	8,333	6,227	4,052	3,089	1,918	1,582	1,960	2,564
1998	Wet	2,980	3,904	5,486	8,297	9,326	7,604	4,303	3,239	2,034	1,733	2,225	2,908
1999	Wet	2,250	3,018	4,233	6,237	6,850	5,793	3,658	2,838	1,705	1,307	1,530	1,975
2000	Above Normal	2,263	2,959	4,147	6,095	6,679	5,668	3,613	2,809	1,681	1,275	1,480	1,985
2001	Dry	2,031	2,476	3,475	4,969	5,327	4,701	3,303	2,605	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,292	2,879	4,017	5,876	6,417	5,484	3,556	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	52	53	83	146	174	-207	25	25	17	34	11	65
1923	Below Normal	44	42	70	124	148	97	19	21	14	29	51	53
1924	Critical	1	1	1	2	2	1	1	0	0	0	1	1
1925	Dry	13	14	25	44	52	35	8	8	5	10	17	19
1926	Dry	-1	-2	-3	-4	-5	-4	-1	-1	-1	-1	-1	-2
1927	Wet	54	56	90	158	189	126	28	27	19	36	63	67
1928	Above Normal	31	32	51	90	108	72	16	15	11	21	36	40
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	-1	-1	-1	-2	-2	-1	-1	0	0	0	-1	-1
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	53	54	88	155	185	123	27	26	18	35	62	68
1933	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1934	Critical	-2	-3	-4	-6	-7	-5	-2	-1	-1	-1	-2	-2
1935	Below Normal	50	52	83	146	175	117	26	25	17	33	58	62
1936	Below Normal	53	54	88	155	185	123	27	26	18	35	-1	-1
1937	Below Normal	51	-1	20	153	183	122	27	26	18	-1	-1	-2
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	-30	-65	-84	-133	-161	-762	-55	-26	-22	-21	-35	-51
1940	Above Normal	76	89	137	236	283	195	51	41	30	50	30	49
1941	Wet	63	45	74	132	157	-330	20	22	15	31	-8	59
1942	Wet	46	44	-17	129	154	107	20	22	15	30	-9	58
1943	Wet	45	43	71	126	151	99	19	21	14	30	52	54
1944	Dry	42	45	71	123	147	100	25	22	16	28	48	54
1945	Below Normal	43	30	53	98	117	73	9	15	8	22	42	44
1946	Below Normal	42	54	87	152	182	122	27	26	18	35	61	67
1947	Dry	15	22	35	61	73	49	12	10	7	13	23	26
1948	Below Normal	0	-1	-2	-3	-4	-3	-1	-1	0	-1	-1	-1
1949	Dry	0	-2	-3	-5	-6	-5	-2	-1	-1	-1	-2	-2
1950	Below Normal	6	6	9	17	20	13	3	3	2	0	0	7
1951	Above Normal	54	55	89	157	187	125	28	27	18	36	62	21
1952	Wet	52	0	-7	-13	-15	-11	-4	-2	-2	-2	-4	-5
1953	Wet	-34	2	11	25	29	12	-8	3	1	10	18	13
1954	Above Normal	7	10	15	25	30	6	7	5	3	5	8	11
1955	Dry	-3	-4	-5	-9	-11	-8	-3	-2	-1	-2	-3	-4
1956	Wet	0	0	89	157	187	125	28	27	18	36	62	69
1957	Above Normal	49	51	82	143	171	114	25	24	17	33	57	63
1958	Wet	54	55	-146	-244	-293	-211	-69	-44	-33	-46	-81	-103
1959	Below Normal	15	38	58	99	119	83	23	17	13	21	36	41
1960	Dry	-2	-2	-3	-5	-6	-44	-1	-1	-1	-1	-2	-2
1961	Dry	-1	-1	-1	-2	-2	-5	-1	0	0	0	-1	-1
1962	Below Normal	52	54	87	152	182	122	27	26	18	35	61	67
1963	Wet	48	48	78	138	165	109	22	23	16	32	56	59
1964	Dry	1	2	3	5	6	4	1	1	1	1	2	2
1965	Wet	30	22	44	82	97	-238	6	13	8	21	38	38
1966	Below Normal	39	40	65	114	136	91	20	19	13	26	46	50
1967	Wet	45	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	49	78	138	164	110	24	23	16	31	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	10	55	89	157	187	127	28	27	18	36	62	69
1971	Wet	32	32	52	91	109	72	15	16	11	21	37	39
1972	Below Normal	0	1	1	2	2	1	0	0	0	0	1	1
1973	Above Normal	52	54	87	153	183	122	27	26	18	35	61	68
1974	Wet	25	9	21	44	51	-144	-4	6	3	14	25	22
1975	Wet	60	65	102	178	213	141	35	31	22	41	70	75
1976	Critical	-1	-2	-2	-4	-5	-3	-1	-1	-1	-1	-1	-2
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-33	0	-69	-115	-139	-364	-33	-21	-16	-22	-38	-48
1979	Below Normal	-36	-121	-164	-266	-320	-242	-94	-51	-42	-46	-142	-171
1980	Above Normal	2	3	94	164	196	131	30	28	19	37	65	72
1981	Dry	38	51	83	146	174	66	26	25	17	33	58	64
1982	Wet	35	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	55	89	157	187	125	28	27	18	36	62	69
1985	Dry	32	33	54	95	113	76	17	16	11	22	38	42
1986	Wet	-17	0	0	157	187	125	28	27	18	36	62	69
1987	Dry	0	-8	-11	-18	-21	-16	-6	-4	-3	-4	-6	-7
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-4	-6	-10	-12	-8	-3	-2	-1	-2	-3	-4
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	-1	-2	-3	-3	-2	-1	-1	0	-1	-1	-1
1992	Critical	-1	-7	-10	-17	-20	-15	-5	-3	-3	-4	-6	-7
1993	Above Normal	48	44	73	130	155	105	19	21	14	30	53	58
1994	Critical	3	5	7	9	23	-3	4	2	2	2	4	5
1995	Wet	28	-100	-176	-137	-166	-130	-56	-26	-22	-20	-36	-53
1996	Wet	73	-26	-26	-32	-39	-17	-34	-12	-15	-7	-66	-79
1997	Wet	54	56	90	157	188	35	28	27	19	36	63	69
1998	Wet	25	-43	-80	-134	-161	-116	-38	-24	-18	-25	-45	-56
1999	Wet	5	62	99	172	206	138	33	30	21	39	68	73
2000	Above Normal	49	51	82	144	172	114	25	24	17	33	57	63
2001	Dry	0	1	1	1	1	1	0	0	0	0	0	1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	17	17	28	49	59	39	8	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2%	1%	2%	2%	2%	-3%	1%	1%	1%	2%	1%	2%
1923	Below Normal	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%	4%	3%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	1%	1%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	4%	4%
1928	Above Normal	2%	1%	1%	2%	2%	1%	0%	1%	1%	2%	3%	2%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	4%	3%	4%	4%	5%	4%	1%	1%	2%	5%	9%	7%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	3%	3%	3%	3%	4%	3%	1%	1%	1%	3%	6%	5%
1936	Below Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	0%	0%
1937	Below Normal	3%	0%	1%	3%	3%	3%	1%	1%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	-2%	-3%	-3%	-3%	-3%	-19%	-2%	-1%	-1%	-2%	-3%	-4%
1940	Above Normal	4%	3%	4%	4%	5%	4%	1%	2%	2%	4%	2%	3%
1941	Wet	2%	1%	2%	2%	2%	-5%	1%	1%	1%	2%	0%	2%
1942	Wet	2%	1%	0%	2%	2%	2%	0%	1%	1%	2%	0%	2%
1943	Wet	2%	1%	1%	2%	2%	1%	0%	1%	1%	2%	3%	2%
1944	Dry	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
1945	Below Normal	2%	1%	1%	1%	2%	1%	0%	1%	0%	2%	3%	2%
1946	Below Normal	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1947	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	2%	2%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1951	Above Normal	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	1%
1952	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1954	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	1%	1%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1957	Above Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
1958	Wet	2%	1%	-3%	-3%	-3%	-3%	-2%	-1%	-2%	-3%	-4%	-3%
1959	Below Normal	1%	2%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1960	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
1963	Wet	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	1%	1%	1%	1%	1%	-4%	0%	0%	0%	1%	2%	2%
1966	Below Normal	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1967	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	2%	2%	3%	3%	2%	1%	1%	1%	3%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1971	Wet	2%	1%	1%	2%	2%	2%	0%	1%	1%	2%	3%	3%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	2%	2%	2%	3%	3%	2%	1%	1%	1%	3%	4%	3%
1974	Wet	1%	0%	0%	1%	1%	-2%	0%	0%	0%	1%	1%	1%
1975	Wet	2%	2%	2%	3%	3%	3%	1%	1%	1%	3%	4%	4%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	-1%	-1%	-1%	-5%	-1%	-1%	-1%	-1%	-2%	-2%
1979	Below Normal	-2%	-4%	-4%	-5%	-5%	-4%	-3%	-2%	-3%	-4%	-10%	-9%
1980	Above Normal	0%	0%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1981	Dry	2%	2%	2%	3%	3%	1%	1%	1%	1%	3%	5%	4%
1982	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1985	Dry	1%	1%	1%	2%	2%	1%	0%	1%	1%	2%	3%	2%
1986	Wet	-1%	0%	0%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1993	Above Normal	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	1%	-3%	-3%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-2%
1996	Wet	3%	-1%	-1%	0%	-1%	0%	-1%	0%	-1%	0%	-4%	-3%
1997	Wet	2%	2%	2%	2%	2%	1%	1%	1%	1%	2%	3%	3%
1998	Wet	1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-2%
1999	Wet	0%	2%	2%	3%	3%	2%	1%	1%	1%	3%	5%	4%
2000	Above Normal	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	1%	1%	1%	1%	1%	1%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,415	5,380	5,294	3,930	3,301	3,111	3,042	2,765	3,166
1923	Below Normal	2,625	2,797	3,862	5,357	5,739	5,292	3,646	2,824	2,520	2,196	352	503
1924	Critical	789	1,398	1,938	2,868	2,979	2,486	1,663	1,060	860	707	319	485
1925	Dry	1,271	3,176	4,161	5,895	6,439	5,872	4,050	3,085	2,719	2,251	320	617
1926	Dry	1,195	1,945	3,416	4,830	5,276	4,814	3,333	2,537	2,233	1,847	447	2,092
1927	Wet	3,839	4,094	4,783	5,730	5,623	5,596	4,222	3,599	3,423	3,390	409	1,121
1928	Above Normal	1,232	4,641	5,337	6,345	6,228	6,203	4,728	4,052	3,866	3,823	311	423
1929	Critical	540	1,302	2,132	3,131	3,244	2,711	654	1,288	1,446	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	306	574
1931	Critical	856	1,754	2,367	3,502	3,633	3,035	2,025	1,294	1,051	866	415	786
1932	Dry	1,258	2,382	3,138	4,474	4,874	4,406	3,030	2,274	1,991	1,650	309	799
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	523
1934	Critical	902	2,037	2,745	4,054	4,207	2,776	439	2,570	2,136	1,682	322	793
1935	Below Normal	1,232	4,090	4,876	6,121	6,227	6,018	4,439	3,668	3,418	3,236	323	790
1936	Below Normal	3,944	4,454	5,262	6,281	6,163	6,137	4,653	3,977	3,789	3,749	359	704
1937	Below Normal	1,634	5,502	6,322	7,512	7,370	7,346	5,599	4,801	4,585	4,534	529	3,957
1938	Wet	4,204	5,762	6,647	7,964	7,809	7,779	5,852	5,002	4,761	4,723	383	940
1939	Dry	1,484	3,188	4,185	3,629	6,802	4,025	4,475	1,599	1,260	3,733	303	481
1940	Above Normal	1,550	3,117	4,192	5,206	6,503	6,100	4,250	3,241	2,864	2,364	1,369	3,409
1941	Wet	3,745	4,602	5,332	6,410	6,287	6,258	4,694	3,995	3,796	3,766	2,469	3,217
1942	Wet	3,023	3,223	4,020	5,316	5,540	5,232	3,702	2,958	2,697	2,471	2,313	3,466
1943	Wet	3,500	5,107	5,904	7,097	6,961	6,930	5,194	4,422	1,278	5,309	296	388
1944	Dry	892	2,312	3,069	4,425	4,722	4,155	2,835	2,009	1,718	1,427	560	789
1945	Below Normal	3,876	4,437	5,120	6,116	6,002	5,976	4,525	3,865	3,681	3,642	2,787	3,603
1946	Below Normal	3,331	3,392	4,178	5,174	5,155	5,056	3,704	3,087	2,897	2,828	426	826
1947	Dry	1,646	4,620	5,314	6,319	6,202	6,178	4,706	4,032	3,848	3,805	315	414
1948	Below Normal	525	1,746	2,249	2,640	6,189	5,710	4,135	3,176	2,843	2,343	524	747
1949	Dry	1,071	3,549	4,514	6,166	6,600	4,781	4,717	3,593	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,828	3,715
1951	Above Normal	3,596	3,934	4,767	5,763	5,654	5,622	4,184	3,545	3,360	3,339	2,559	3,732
1952	Wet	3,667	4,387	6,109	7,346	7,203	7,172	5,373	4,574	4,346	4,316	2,525	1,236
1953	Wet	1,441	2,621	3,564	3,581	5,897	5,362	3,726	2,825	2,496	2,063	523	2,296
1954	Above Normal	1,714	2,995	4,010	5,549	6,186	5,747	3,951	2,999	2,638	2,182	477	888
1955	Dry	1,400	2,705	3,555	5,051	5,523	5,020	3,457	2,625	2,309	1,911	2,534	4,119
1956	Wet	4,165	4,640	5,392	6,512	6,386	6,355	4,732	4,015	3,809	3,785	536	810
1957	Above Normal	2,063	3,104	4,146	4,893	6,572	6,082	4,235	3,222	2,850	2,354	422	3,845
1958	Wet	3,819	5,774	6,657	7,969	7,815	7,786	5,864	5,016	2,585	5,288	564	954
1959	Below Normal	1,442	2,637	3,468	2,104	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,026	3,595	4,572	5,447	6,843	5,550	4,751	3,726	3,360	2,898	310	550
1961	Dry	798	2,746	3,599	4,885	5,605	4,557	2,541	699	3,001	3,219	321	436
1962	Below Normal	1,424	2,921	3,882	2,833	6,567	6,015	4,266	3,259	2,896	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,149	5,256	5,322	5,150	3,727	3,062	2,846	2,722	690	3,767
1964	Dry	2,526	3,705	4,404	5,503	5,562	5,404	3,962	3,280	3,062	2,938	1,621	3,450
1965	Wet	3,292	3,482	4,194	4,388	5,626	5,419	3,965	3,254	3,022	2,856	2,598	3,200
1966	Below Normal	2,676	2,893	3,891	5,362	5,725	5,295	3,663	2,849	2,549	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,767	7,738	5,821	4,973	4,733	4,695	423	1,142
1968	Below Normal	1,478	2,693	3,541	2,477	6,051	5,521	3,905	2,973	2,628	2,168	2,446	3,987
1969	Wet	4,197	5,551	6,417	7,720	7,569	7,538	5,640	4,802	4,564	4,533	2,782	3,643
1970	Wet	3,598	3,946	4,681	5,661	5,554	5,522	4,109	3,481	3,299	3,278	2,573	3,240
1971	Wet	2,522	2,912	3,944	5,395	5,734	5,324	3,698	2,891	2,596	2,297	986	3,033
1972	Below Normal	2,893	3,052	3,947	5,519	5,957	5,466	3,770	2,900	2,576	2,205	463	3,940
1973	Above Normal	3,799	4,148	4,956	5,958	5,845	5,815	4,366	3,713	3,527	3,498	2,791	4,147
1974	Wet	3,980	4,395	5,099	6,165	6,047	6,015	4,473	3,791	3,594	3,573	1,558	1,352
1975	Wet	3,744	4,203	4,858	5,824	5,714	5,687	4,284	3,652	3,474	3,442	430	783
1976	Critical	1,342	3,053	4,006	5,208	6,309	4,820	4,290	3,266	2,897	2,087	312	425
1977	Critical	520	967	455	79	205	176	1,317	551	2,238	3,025	303	912
1978	Above Normal	3,373	3,770	4,699	5,830	5,869	5,719	4,234	3,528	3,306	3,177	518	804
1979	Below Normal	3,966	4,328	5,025	6,004	5,891	5,865	4,441	3,792	3,611	3,573	482	4,224
1980	Above Normal	4,349	5,710	6,590	7,903	7,749	7,719	5,801	4,954	4,168	4,979	510	812
1981	Dry	1,275	2,780	3,755	2,713	6,374	5,831	4,131	3,151	2,795	2,307	2,275	3,522
1982	Wet	3,816	5,656	6,532	7,844	7,692	7,662	5,745	4,900	4,660	4,626	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,434	5,547	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,755	5,646	5,614	4,173	3,534	3,349	3,329	2,645	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,684	5,742	6,611	7,876	7,733	7,696	5,827	5,012	2,513	5,268	302	410
1987	Dry	501	1,331	1,797	2,649	2,750	2,298	1,546	990	804	660	323	651
1988	Critical	526	1,004	1,426	2,110	2,195	1,829	1,231	783	632	518	450	715
1989	Dry	776	4,039	4,897	6,192	6,330	5,942	4,520	3,720	3,456	3,249	308	466
1990	Critical	681	1,534	2,070	3,057	3,173	2,651	1,776	1,135	923	759	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,399	1,888	2,784	2,890	2,374	1,642	862	744	989	327	3,446
1993	Above Normal	3,331	3,391	4,189	3,808	6,086	5,770	4,184	3,368	3,087	2,809	496	807
1994	Critical	1,557	3,065	4,024	4,654	6,468	3,278	3,234	1,001	2,459	3,861	316	2,662
1995	Wet	2,188	5,263	6,061	7,232	7,094	7,068	5,356	4,580	2,901	3,970	1,775	1,816
1996	Wet	3,311	3,992	4,618	5,547	5,443	5,415	4,071	3,464	3,293	3,264	2,589	3,758
1997	Wet	3,836	4,720	5,467	6,591	6,464	6,434	4,802	4,079	3,872	3,847	525	3,389
1998	Wet	3,607	4,281	5,010	6,016	5,902	5,873	4,416	3,758	3,571	3,540	3,007	3,698
1999	Wet	3,581	3,918	4,742	5,736	5,627	5,595	4,161	3,524	3,340	3,320	528	2,481
2000	Above Normal	2,541	3,544	4,411	5,731	5,932	5,644	4,060	3,281	3,013	2,785	300	467
2001	Dry	865	2,089	2,808	4,130	4,302	3,633	2,437	1,591	1,307	1,081	417	918
2002	Dry	1,392	4,434	5,100	6,065	5,953	4,762	4,840	1,939	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,517	5,479	5,393	4,032	3,400	3,213	3,141	2,765	3,161
1923	Below Normal	2,604	2,793	3,859	5,461	5,844	5,393	3,747	2,919	2,617	2,288	450	504
1924	Critical	790	1,399	1,939	2,869	2,980	2,487	1,664	1,061	860	707	319	485
1925	Dry	1,270	3,178	4,164	5,924	6,468	5,900	4,078	3,111	2,746	2,277	344	616
1926	Dry	1,194	1,942	3,413	4,827	5,273	4,811	3,330	2,536	2,232	1,846	447	2,090
1927	Wet	3,839	4,095	4,783	5,833	5,722	5,695	4,324	3,698	3,526	3,489	508	1,118
1928	Above Normal	1,232	4,642	5,337	6,405	6,285	6,260	4,787	4,110	3,926	3,881	368	423
1929	Critical	540	1,302	2,131	3,129	3,242	2,710	653	1,288	1,445	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	307	574
1931	Critical	856	1,754	2,366	3,500	3,631	3,033	2,025	1,293	1,051	865	415	786
1932	Dry	1,257	2,382	3,138	4,576	4,972	4,505	3,132	2,373	2,093	1,748	408	798
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	632
1934	Critical	1,036	2,178	2,911	4,245	4,482	3,709	456	2,611	2,317	1,871	321	786
1935	Below Normal	1,218	3,948	4,794	6,243	6,430	6,150	4,509	3,688	3,414	3,174	420	790
1936	Below Normal	3,944	4,453	5,262	6,383	6,262	6,236	4,755	4,076	3,891	3,848	358	704
1937	Below Normal	1,633	5,503	6,322	7,614	7,469	7,445	5,701	4,900	4,687	4,534	466	3,840
1938	Wet	4,086	5,793	6,681	7,982	7,947	7,916	5,981	5,137	4,898	4,855	634	806
1939	Dry	1,135	2,700	3,546	1,417	6,665	4,374	3,984	1,780	1,342	3,818	395	483
1940	Above Normal	1,550	3,117	4,192	5,304	6,593	6,194	4,347	3,334	2,961	2,412	1,368	3,409
1941	Wet	3,731	4,587	5,315	6,491	6,366	6,336	4,781	4,081	3,885	3,803	2,472	3,222
1942	Wet	3,014	3,222	4,019	5,419	5,640	5,331	3,804	3,056	2,798	2,568	2,312	3,431
1943	Wet	3,468	5,080	5,872	7,161	7,022	6,992	5,269	4,497	1,144	5,623	395	388
1944	Dry	897	2,311	3,069	4,491	4,786	4,219	2,901	2,073	1,784	1,491	624	788
1945	Below Normal	3,823	4,443	5,126	6,225	6,107	6,081	4,633	3,969	3,788	3,746	2,883	3,599
1946	Below Normal	3,327	3,356	4,156	5,281	5,281	5,163	3,797	3,165	2,971	2,884	523	832
1947	Dry	1,644	4,633	5,329	6,367	6,248	6,224	4,749	4,072	3,888	3,845	344	414
1948	Below Normal	525	1,746	2,268	2,640	6,194	5,713	4,141	3,179	2,845	2,336	522	744
1949	Dry	1,068	3,526	4,497	6,166	6,614	4,758	4,719	3,590	2,083	2,438	323	439
1950	Below Normal	886	2,852	3,737	2,018	6,606	6,016	4,196	3,189	2,824	2,323	2,788	3,719
1951	Above Normal	3,600	3,938	4,770	5,869	5,756	5,724	4,289	3,647	3,465	3,441	2,658	3,726
1952	Wet	3,661	4,380	5,218	6,311	6,274	6,243	4,685	3,989	3,794	3,766	2,989	3,105
1953	Wet	2,270	2,748	3,801	5,467	5,912	5,406	3,722	2,863	2,545	2,176	593	2,933
1954	Above Normal	1,887	2,984	4,015	5,738	6,277	5,701	3,897	2,953	2,594	2,147	463	915
1955	Dry	1,438	2,772	3,642	5,175	5,657	5,143	3,541	2,689	2,365	1,958	2,453	4,064
1956	Wet	4,178	4,653	5,404	6,626	6,497	6,465	4,846	4,124	3,921	3,894	637	810
1957	Above Normal	2,006	3,104	4,144	4,946	6,662	6,178	4,335	3,317	2,949	2,448	512	3,842
1958	Wet	3,816	5,771	6,654	8,068	7,910	7,881	5,964	5,112	2,649	5,383	663	952
1959	Below Normal	1,442	2,637	3,468	2,134	6,096	5,554	3,896	2,963	2,621	2,169	334	400
1960	Dry	1,022	3,597	4,573	5,450	6,843	5,560	4,748	3,724	3,358	2,897	310	551
1961	Dry	798	2,746	3,599	4,886	5,605	4,555	2,542	698	2,999	3,216	321	436
1962	Below Normal	1,425	2,920	3,882	2,931	6,662	6,111	4,364	3,354	2,994	2,486	2,753	3,394
1963	Wet	3,196	3,282	4,150	5,359	5,420	5,249	3,829	3,161	2,948	2,821	793	3,767
1964	Dry	2,527	3,705	4,404	5,502	5,561	5,403	3,962	3,280	3,062	2,938	1,622	3,449
1965	Wet	3,291	3,481	4,193	4,486	5,727	5,519	4,067	3,353	3,124	2,954	2,698	3,201
1966	Below Normal	2,678	2,893	3,891	5,438	5,798	5,369	3,740	2,923	2,626	2,312	503	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,866	7,837	5,923	5,072	4,398	5,012	519	1,084
1968	Below Normal	1,481	2,705	3,556	2,594	6,157	5,625	4,009	3,071	2,729	2,264	2,436	3,942
1969	Wet	4,202	5,556	6,422	7,726	7,674	7,643	5,747	4,905	4,670	4,636	2,734	3,578
1970	Wet	3,529	3,965	4,667	5,745	5,635	5,604	4,200	3,570	3,393	3,368	2,679	3,250
1971	Wet	2,563	2,922	3,950	5,452	5,780	5,378	3,762	2,958	2,668	2,374	1,062	3,021
1972	Below Normal	2,893	3,056	3,950	5,519	5,955	5,466	3,771	2,902	2,579	2,209	463	3,940
1973	Above Normal	3,799	4,148	4,956	6,058	5,942	5,912	4,466	3,810	3,627	3,595	2,888	4,137
1974	Wet	3,970	4,382	5,084	6,250	6,128	6,097	4,562	3,879	3,686	3,661	1,684	1,365
1975	Wet	3,740	4,197	4,851	5,918	5,805	5,778	4,379	3,744	3,569	3,535	527	783
1976	Critical	1,346	3,061	4,016	5,230	6,322	4,819	4,302	3,275	2,905	2,046	312	425
1977	Critical	520	967	452	79	205	176	1,315	551	2,236	3,019	303	912
1978	Above Normal	3,126	3,608	4,573	5,993	6,176	5,903	4,307	3,518	3,253	3,025	620	806
1979	Below Normal	3,794	4,143	4,810	5,850	5,740	5,714	4,354	3,728	3,558	3,517	1,712	4,081
1980	Above Normal	4,246	4,725	5,651	6,909	6,774	6,743	5,070	4,322	4,112	4,081	555	1,820
1981	Dry	2,106	3,069	4,181	5,580	6,579	6,021	4,203	3,237	2,879	2,430	2,377	3,528
1982	Wet	3,813	5,655	6,531	7,945	7,789	7,759	5,846	4,998	4,659	4,625	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,533	5,650	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,757	5,858	5,745	5,713	4,275	3,633	3,451	3,428	2,743	3,280
1985	Dry	3,651	3,898	4,675	5,710	5,601	5,570	4,168	3,540	3,362	3,338	366	680
1986	Wet	4,568	5,754	6,625	7,984	7,846	7,806	5,938	5,129	2,279	5,369	401	410
1987	Dry	501	1,331	1,797	2,648	2,749	2,297	1,546	989	804	660	323	652
1988	Critical	526	1,004	1,442	2,134	2,220	1,849	1,245	792	639	524	447	711
1989	Dry	771	4,016	4,885	6,198	6,351	5,786	4,563	3,751	3,482	3,261	308	473
1990	Critical	689	1,546	2,086	3,082	3,198	2,672	1,789	1,144	930	765	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,376	1,858	2,739	2,843	2,340	1,614	886	735	931	329	3,451
1993	Above Normal	3,342	3,400	4,195	3,944	6,168	5,856	4,282	3,468	3,193	2,914	595	807
1994	Critical	1,554	3,061	4,019	4,700	6,450	3,275	3,233	995	2,457	3,863	316	2,662
1995	Wet	2,188	5,263	6,061	7,334	6,848	7,236	5,528	3,365	734	4,069	1,877	1,814
1996	Wet	3,310	3,980	4,604	5,632	5,525	5,497	4,160	3,552	3,384	3,352	2,590	3,759
1997	Wet	3,839	4,720	5,466	6,693	6,563	6,532	4,904	4,178	3,974	3,945	621	3,390
1998	Wet	3,608	4,283	4,985	5,987	5,873	5,943	4,496	3,838	3,655	3,603	3,107	3,698
1999	Wet	3,581	3,918	4,742	5,838	5,726	5,694	4,263	3,623	3,442	3,418	627	2,480
2000	Above Normal	2,499	3,521	4,398	5,834	6,049	5,747	4,153	3,362	3,093	2,851	393	471
2001	Dry	869	2,091	2,811	4,133	4,307	3,640	2,441	1,595	1,311	1,085	417	918
2002	Dry	1,392	4,428	5,094	6,058	5,946	4,712	4,846	2,009	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,395	6,095	5,562	3,937	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	102	99	99	102	99	102	99	0	-5
1923	Below Normal	-22	-4	-2	103	104	101	101	95	97	91	98	1
1924	Critical	1	1	1	1	1	1	1	0	0	0	0	-1
1925	Dry	-1	2	3	29	28	28	28	26	27	26	25	-1
1926	Dry	-1	-2	-2	-3	-3	-3	-2	-2	-1	-1	0	-2
1927	Wet	0	0	0	102	99	99	102	99	102	99	99	-3
1928	Above Normal	0	0	0	59	58	58	59	58	59	58	57	0
1929	Critical	0	-1	-1	-1	-1	-1	-1	-1	-1	1	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
1932	Dry	0	0	0	102	99	99	102	99	102	99	99	-1
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	110
1934	Critical	135	140	166	191	275	934	16	41	180	189	-1	-7
1935	Below Normal	-14	-142	-82	122	203	132	69	20	-4	-62	98	0
1936	Below Normal	-1	0	0	102	98	98	102	99	102	99	0	0
1937	Below Normal	-1	0	0	102	99	99	102	99	102	0	-63	-117
1938	Wet	-118	31	34	18	138	136	129	134	137	133	251	-134
1939	Dry	-349	-489	-639	-2,212	-137	348	-490	181	82	85	92	2
1940	Above Normal	0	0	0	98	90	94	97	94	97	48	-1	0
1941	Wet	-14	-15	-17	82	79	79	87	86	90	37	4	5
1942	Wet	-9	-1	-1	102	100	99	102	98	101	97	0	-35
1943	Wet	-31	-27	-32	64	62	62	75	75	-134	314	99	0
1944	Dry	5	0	-1	66	64	64	66	64	66	64	65	0
1945	Below Normal	-53	6	6	109	106	106	108	104	107	104	96	-4
1946	Below Normal	-4	-36	-22	106	126	106	93	78	74	56	97	6
1947	Dry	-2	13	15	47	46	46	43	40	40	39	28	0
1948	Below Normal	0	1	19	0	5	3	7	4	3	-7	-2	-2
1949	Dry	-3	-23	-16	0	14	-23	2	-3	0	0	0	0
1950	Below Normal	0	0	0	10	10	10	10	10	10	0	-40	4
1951	Above Normal	3	4	3	105	102	102	105	102	105	102	99	-6
1952	Wet	-6	-7	-891	-1,035	-929	-929	-687	-585	-553	-550	465	1,870
1953	Wet	829	127	237	1,886	15	44	-4	38	49	113	70	637
1954	Above Normal	173	-11	5	189	92	-46	-55	-46	-45	-35	-13	27
1955	Dry	38	67	87	124	135	123	84	64	57	47	-80	-55
1956	Wet	13	13	11	114	111	111	113	109	112	108	101	0
1957	Above Normal	-57	-1	-2	53	90	96	100	95	98	94	90	-3
1958	Wet	-2	-3	-3	99	95	95	101	96	64	95	99	-2
1959	Below Normal	0	0	0	30	30	30	31	30	31	30	30	0
1960	Dry	-4	1	1	3	0	10	-3	-2	-2	-1	0	0
1961	Dry	0	0	0	1	0	-2	1	-1	-2	-2	0	0
1962	Below Normal	1	0	0	98	95	95	98	95	98	95	95	0
1963	Wet	0	0	0	102	99	99	102	99	102	99	103	0
1964	Dry	2	0	0	-1	-1	-1	0	0	0	0	1	-1
1965	Wet	-1	-1	-1	98	101	100	103	99	102	98	99	0
1966	Below Normal	1	0	0	77	74	74	77	74	77	75	74	0
1967	Wet	0	0	0	0	99	99	102	99	-335	317	96	-58
1968	Below Normal	3	12	15	117	105	105	103	98	101	96	-10	-44
1969	Wet	5	5	5	6	105	105	107	104	107	103	-48	-65
1970	Wet	-68	19	-14	84	81	81	91	90	94	90	106	10
1971	Wet	41	10	6	57	45	54	64	67	72	77	77	-12
1972	Below Normal	1	4	3	0	-2	0	1	2	3	4	0	0
1973	Above Normal	0	0	0	100	97	97	100	97	100	97	97	-10
1974	Wet	-11	-13	-15	84	81	81	89	88	92	88	127	13
1975	Wet	-3	-6	-6	94	91	91	95	92	96	93	96	0
1976	Critical	4	7	9	22	13	-1	13	9	8	-42	0	0
1977	Critical	0	0	-4	0	0	0	-2	0	-2	-6	0	0
1978	Above Normal	-247	-162	-126	163	307	184	73	-10	-53	-151	103	2
1979	Below Normal	-171	-185	-215	-154	-152	-152	-87	-64	-54	-56	1,229	-143
1980	Above Normal	-103	-985	-939	-995	-975	-976	-731	-632	-56	-897	45	1,009
1981	Dry	830	289	425	2,867	204	190	72	86	85	123	102	5
1982	Wet	-3	-1	-2	101	97	97	101	98	-1	-1	0	0
1983	Wet	0	0	0	0	0	99	102	0	0	0	0	0
1984	Wet	0	0	0	103	99	99	102	99	102	99	99	0
1985	Dry	0	0	0	62	60	60	62	60	62	60	60	0
1986	Wet	-116	13	14	109	113	110	111	117	-234	102	99	0
1987	Dry	0	-1	-1	-1	-1	-1	-1	0	0	0	0	1
1988	Critical	0	0	17	24	25	21	14	9	7	6	-3	-5
1989	Dry	-6	-23	-13	6	20	-157	43	31	26	13	0	7
1990	Critical	8	12	16	24	25	21	14	9	7	6	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	-23	-31	-45	-46	-35	-28	24	-9	-58	2	6
1993	Above Normal	11	9	5	135	82	86	97	100	106	104	100	0
1994	Critical	-3	-4	-5	45	-18	-3	-1	-6	-2	1	0	0
1995	Wet	0	0	0	102	-246	169	172	-1,215	-2,167	99	102	-1
1996	Wet	-1	-13	-14	85	82	82	89	88	92	88	1	1
1997	Wet	3	-1	-1	102	98	98	102	98	102	98	97	1
1998	Wet	1	1	-25	-30	-29	70	80	80	84	63	100	0
1999	Wet	0	0	0	102	99	99	102	99	102	99	99	-1
2000	Above Normal	-43	-23	-13	104	117	103	93	81	79	66	92	3
2001	Dry	4	2	3	3	5	6	5	5	5	4	0	0
2002	Dry	0	-5	-6	-7	-7	-50	6	70	0	0	0	0
2003	Above Normal	0	0	0	34	33	33	34	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	0%	0%
1923	Below Normal	-1%	0%	0%	2%	2%	2%	3%	3%	4%	4%	28%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	8%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	24%	0%
1928	Above Normal	0%	0%	0%	1%	1%	1%	1%	1%	2%	2%	18%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	2%	2%	2%	3%	4%	5%	6%	32%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%
1934	Critical	15%	7%	6%	5%	7%	34%	4%	2%	8%	11%	0%	-1%
1935	Below Normal	-1%	-3%	-2%	2%	3%	2%	2%	1%	0%	-2%	30%	0%
1936	Below Normal	0%	0%	0%	2%	2%	2%	2%	2%	3%	3%	0%	0%
1937	Below Normal	0%	0%	0%	1%	1%	1%	2%	2%	2%	0%	-12%	-3%
1938	Wet	-3%	1%	1%	0%	2%	2%	2%	3%	3%	3%	65%	-14%
1939	Dry	-24%	-15%	-15%	-61%	-2%	9%	-11%	11%	7%	2%	30%	0%
1940	Above Normal	0%	0%	0%	2%	1%	2%	2%	3%	3%	2%	0%	0%
1941	Wet	0%	0%	0%	1%	1%	1%	2%	2%	2%	1%	0%	0%
1942	Wet	0%	0%	0%	2%	2%	2%	3%	3%	4%	4%	0%	-1%
1943	Wet	-1%	-1%	-1%	1%	1%	1%	1%	2%	-10%	6%	33%	0%
1944	Dry	1%	0%	0%	1%	1%	2%	2%	3%	4%	5%	12%	0%
1945	Below Normal	-1%	0%	0%	2%	2%	2%	2%	3%	3%	3%	3%	0%
1946	Below Normal	0%	-1%	-1%	2%	2%	2%	3%	3%	3%	2%	23%	1%
1947	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	9%	0%
1948	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	4%	0%
1952	Wet	0%	0%	-15%	-14%	-13%	-13%	-13%	-13%	-13%	-13%	18%	151%
1953	Wet	58%	5%	7%	53%	0%	1%	0%	1%	2%	6%	13%	28%
1954	Above Normal	10%	0%	0%	3%	1%	-1%	-1%	-2%	-2%	-2%	-3%	3%
1955	Dry	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	19%	0%
1957	Above Normal	-3%	0%	0%	1%	1%	2%	2%	3%	3%	4%	21%	0%
1958	Wet	0%	0%	0%	1%	1%	1%	2%	2%	2%	2%	18%	0%
1959	Below Normal	0%	0%	0%	1%	0%	1%	1%	1%	1%	1%	10%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	3%	1%	2%	2%	3%	3%	4%	4%	0%
1963	Wet	0%	0%	0%	2%	2%	2%	3%	3%	4%	4%	15%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	2%	2%	2%	3%	3%	3%	3%	4%	0%
1966	Below Normal	0%	0%	0%	1%	1%	1%	2%	3%	3%	3%	17%	0%
1967	Wet	0%	0%	0%	0%	1%	1%	2%	2%	-7%	7%	23%	-5%
1968	Below Normal	0%	0%	0%	5%	2%	2%	3%	3%	4%	4%	0%	-1%
1969	Wet	0%	0%	0%	0%	1%	1%	2%	2%	2%	2%	-2%	-2%
1970	Wet	-2%	0%	0%	1%	1%	1%	2%	3%	3%	3%	4%	0%
1971	Wet	2%	0%	0%	1%	1%	1%	2%	2%	3%	3%	8%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	3%	0%
1974	Wet	0%	0%	0%	1%	1%	1%	2%	2%	3%	2%	8%	1%
1975	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	22%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1977	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-7%	-4%	-3%	3%	5%	3%	2%	0%	-2%	-5%	20%	0%
1979	Below Normal	-4%	-4%	-4%	-3%	-3%	-3%	-2%	-2%	-1%	-2%	255%	-3%
1980	Above Normal	-2%	-17%	-14%	-13%	-13%	-13%	-13%	-13%	-1%	-18%	9%	124%
1981	Dry	65%	10%	11%	106%	3%	3%	2%	3%	3%	5%	4%	0%
1982	Wet	0%	0%	0%	1%	1%	1%	2%	2%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	4%	0%
1985	Dry	0%	0%	0%	1%	1%	1%	2%	2%	2%	2%	20%	0%
1986	Wet	-2%	0%	0%	1%	1%	1%	2%	2%	-9%	2%	33%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	-3%	1%	1%	1%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-2%	-2%	-2%	-2%	-1%	-2%	3%	-1%	-6%	1%	0%
1993	Above Normal	0%	0%	0%	4%	1%	1%	2%	3%	3%	4%	20%	0%
1994	Critical	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	1%	-3%	2%	3%	-27%	-75%	2%	6%	0%
1996	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	0%	0%
1997	Wet	0%	0%	0%	2%	2%	2%	2%	2%	3%	3%	18%	0%
1998	Wet	0%	0%	-1%	0%	0%	1%	2%	2%	2%	2%	3%	0%
1999	Wet	0%	0%	0%	2%	2%	2%	2%	3%	3%	3%	19%	0%
2000	Above Normal	-2%	-1%	0%	2%	2%	2%	2%	2%	3%	2%	31%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	-1%	0%	4%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	1%	1%	1%	1%	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	870	4,787	6,425	8,229	8,269	6,337	1,662	1,684	926	471	229	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,591	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,430	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,484	8,175	7,639	5,683	1,986	1,252	542	488	210	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,238	8,003	6,127	2,236	1,805	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,755	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,427	6,475	6,396	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,038	4,754	6,330	6,282	4,770	1,476	257	557	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,323	7,909	6,057	2,167	1,766	1,005	369	218	244
1937	Below Normal	199	4,842	6,102	7,650	7,868	6,030	2,198	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	486	306	515
1939	Dry	1,023	7,300	5,456	7,965	7,579	5,829	1,793	1,498	966	424	220	237
1940	Above Normal	243	5,039	5,609	9,099	8,888	6,859	2,581	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,629	6,433	8,729	8,566	6,622	2,537	1,912	924	484	247	266
1944	Dry	334	5,399	5,205	7,704	7,636	5,818	2,007	1,439	667	421	235	240
1945	Below Normal	217	5,662	5,420	8,058	8,419	6,464	2,465	1,140	788	332	325	187
1946	Below Normal	333	7,050	6,445	8,714	8,318	6,499	2,420	1,800	756	366	366	276
1947	Dry	244	5,663	5,976	7,438	8,036	6,113	2,312	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,304	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,614	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,089	8,021	7,713	5,879	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,768	5,607	9,032	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	471	5,237	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,309	6,578	8,962	8,956	6,261	2,632	2,017	617	386	247	202
1955	Dry	667	5,404	5,987	8,027	7,686	5,860	1,826	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	413	7,035	6,621	8,421	8,180	6,171	1,305	1,899	1,021	438	240	259
1960	Dry	213	5,415	5,408	8,084	7,706	5,861	2,162	1,702	649	452	218	244
1961	Dry	220	5,405	5,899	8,021	8,081	6,118	2,079	1,779	638	414	260	250
1962	Below Normal	217	6,265	6,443	8,512	8,531	6,513	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,090	6,141	7,560	7,676	5,803	1,996	1,287	633	361	218	244
1965	Wet	526	4,480	6,583	8,849	8,583	5,702	2,523	2,023	544	469	251	276
1966	Below Normal	412	6,992	6,703	8,602	8,341	6,421	2,426	1,918	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	477	7,386	5,651	8,630	8,555	6,574	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,126	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,067	6,033	7,587	7,315	4,972	1,685	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	239	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,070	6,153	8,454	8,078	6,115	2,184	1,231	731	316	220	237
1980	Above Normal	244	5,267	6,090	8,464	8,515	6,654	2,496	1,853	985	401	247	276
1981	Dry	219	4,900	5,914	8,894	8,563	6,609	2,239	1,240	601	381	245	273
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,674	6,037	7,856	7,495	5,707	1,994	1,536	627	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,357	6,381	7,943	8,037	6,077	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,974	4,732	6,667	6,637	5,052	1,717	1,154	610	270	128	208
1992	Critical	210	4,110	5,167	6,430	6,779	5,038	1,662	956	526	285	206	233
1993	Above Normal	217	5,463	4,954	8,175	9,114	6,954	2,770	1,697	776	502	247	276
1994	Critical	435	5,640	4,473	7,381	7,161	5,517	1,980	1,459	488	365	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,937	6,100	7,844	7,813	5,958	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	868	4,784	6,420	8,224	8,263	6,331	1,660	1,683	926	471	228	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,592	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,429	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,483	8,174	7,637	5,682	1,986	1,252	542	488	209	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,237	8,002	6,127	2,236	1,804	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,754	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,426	6,475	6,395	4,850	1,598	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,036	4,752	6,328	6,280	4,768	1,476	226	556	313	190	215
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,322	7,909	6,056	2,167	1,765	1,004	369	218	244
1937	Below Normal	199	4,842	6,101	7,649	7,867	6,030	2,197	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	486	306	515
1939	Dry	1,013	7,246	5,412	7,904	7,513	5,775	1,771	1,490	964	423	220	237
1940	Above Normal	243	5,045	5,622	9,122	8,913	6,879	2,591	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,627	6,427	8,722	8,558	6,616	2,534	1,911	924	484	247	266
1944	Dry	334	5,403	5,209	7,710	7,643	5,825	2,010	1,440	667	422	235	240
1945	Below Normal	217	5,658	5,415	8,051	8,411	6,457	2,461	1,139	787	331	324	187
1946	Below Normal	333	7,051	6,446	8,716	8,320	6,501	2,421	1,801	756	366	366	276
1947	Dry	244	5,665	5,979	7,441	8,040	6,117	2,314	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,303	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,615	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,090	8,021	7,713	5,880	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,769	5,607	9,033	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	467	5,230	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,311	6,581	8,966	8,961	6,264	2,634	2,017	617	386	247	202
1955	Dry	667	5,403	5,985	8,025	7,684	5,858	1,825	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	414	7,040	6,627	8,429	8,188	6,178	1,307	1,901	1,022	439	241	259
1960	Dry	213	5,415	5,408	8,083	7,704	5,860	2,162	1,702	649	452	218	244
1961	Dry	220	5,404	5,897	8,019	8,079	6,116	2,078	1,778	637	414	260	250
1962	Below Normal	217	6,264	6,443	8,512	8,531	6,512	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,091	6,142	7,561	7,677	5,804	1,996	1,287	633	361	218	244
1965	Wet	524	4,474	6,568	8,830	8,563	5,689	2,515	2,020	544	469	251	276
1966	Below Normal	412	6,995	6,707	8,606	8,346	6,425	2,428	1,919	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	476	7,386	5,650	8,629	8,554	6,573	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,127	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,066	6,032	7,586	7,314	4,971	1,684	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	236	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,031	6,068	8,341	7,955	6,018	2,137	1,227	730	315	218	235
1980	Above Normal	244	5,268	6,092	8,465	8,518	6,656	2,497	1,853	985	401	247	276
1981	Dry	219	4,890	5,896	8,865	8,533	6,584	2,226	1,237	601	379	243	271
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,047	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,670	6,032	7,850	7,489	5,703	1,991	1,535	626	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,355	6,378	7,941	8,034	6,075	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,973	4,731	6,667	6,636	5,051	1,717	1,154	610	270	128	208
1992	Critical	210	4,108	5,163	6,424	6,772	5,033	1,658	956	526	285	206	233
1993	Above Normal	217	5,456	4,943	8,159	9,092	6,936	2,761	1,696	776	502	247	276
1994	Critical	435	5,638	4,472	7,378	7,158	5,514	1,979	1,459	487	364	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,938	6,101	7,844	7,813	5,959	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	-2	-3	-5	-5	-6	-5	-2	-1	-1	0	0	0
1924	Critical	0	0	0	1	1	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	-1	0	0	0	0	0	0	0
1926	Dry	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	-1	-1	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	-1	-2	-2	-2	-2	-1	-30	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1937	Below Normal	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	-10	-54	-45	-61	-66	-54	-22	-7	-2	-1	-1	-1
1940	Above Normal	0	7	13	23	25	20	10	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	-2	-6	-7	-8	-7	-3	-1	0	0	0	0
1944	Dry	1	3	5	7	8	6	3	1	1	0	0	1
1945	Below Normal	0	-4	-5	-7	-9	-7	-4	-1	-1	-1	-1	-1
1946	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1947	Dry	0	2	3	3	4	4	2	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	1	1	1	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	-3	-7	0	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	1	3	4	5	3	2	1	0	0	0	0
1955	Dry	0	-1	-2	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	1	5	6	8	8	7	2	2	1	1	1	1
1960	Dry	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1961	Dry	0	-1	-2	-2	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	1	1	1	1	1	0	0	0	0	0	0
1965	Wet	-1	-6	-15	-19	-20	-14	-8	-3	0	0	0	0
1966	Below Normal	0	3	4	5	5	4	2	1	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-2	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	-40	-85	-113	-123	-97	-46	-4	-1	-1	-1	-1
1980	Above Normal	0	1	1	2	2	2	1	0	0	0	0	0
1981	Dry	0	-10	-18	-28	-30	-25	-13	-3	-1	-2	-2	-2
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-4	-5	-6	-6	-5	-3	-1	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-1	-2	-2	-3	-2	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1992	Critical	0	-2	-5	-5	-6	-4	-4	0	0	0	0	0
1993	Above Normal	0	-7	-10	-16	-22	-18	-8	-2	0	0	0	0
1994	Critical	0	-2	-2	-3	-3	-3	-1	-1	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-1%	-1%	-1%	-2%	-2%	-2%	0%	0%	0%	-1%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	4
1934	Critical	56	1,755	1,579	2,037	2,107	1,602	603	120	6	6	3	7
1935	Below Normal	20	1,127	2,976	3,638	3,408	2,738	2,195	446	16	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	11	17
1938	Wet	39	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	8	67
1939	Dry	634	3,378	2,263	3,174	3,000	2,410	1,670	448	83	10	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,295	2,667	2,225	665	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	34	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,908	602	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,360	2,502	2,256	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,060	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	3,000	3,136	3,207	2,597	2,160	738	22	21	14	12
1953	Wet	104	1,971	2,707	3,297	3,329	2,496	2,232	415	12	12	7	13
1954	Above Normal	27	1,311	2,967	3,453	3,321	2,526	2,228	681	13	13	7	10
1955	Dry	264	2,293	2,944	3,270	3,078	2,470	1,898	432	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,663	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	16	16
1970	Wet	35	2,518	3,064	2,991	3,123	2,514	2,098	282	18	17	14	15
1971	Wet	79	3,012	2,423	3,115	3,007	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,116	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,338	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	31	1,252	3,129	3,641	3,427	2,757	1,489	818	16	15	5	8
1979	Below Normal	35	1,828	3,118	3,559	3,316	2,546	2,109	88	17	16	10	18
1980	Above Normal	41	2,401	2,859	3,176	3,109	2,513	2,045	604	76	22	5	9
1981	Dry	20	1,923	3,017	3,581	3,340	2,680	1,903	27	12	12	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	41	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,540	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,104	2,483	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,268	2,613	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,481	2,796	2,166	34	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	6	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,015	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 4 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	5
1934	Critical	57	1,756	1,579	2,039	2,111	1,607	606	122	7	7	3	7
1935	Below Normal	19	1,127	2,975	3,637	3,406	2,737	2,194	445	15	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	10	16
1938	Wet	38	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	7	65
1939	Dry	632	3,376	2,261	3,169	2,990	2,399	1,662	443	82	9	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,294	2,666	2,224	664	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	33	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,907	601	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,361	2,502	2,257	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,059	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	2,997	3,130	3,195	2,584	2,150	733	19	19	16	14
1953	Wet	106	1,973	2,709	3,301	3,338	2,505	2,239	419	14	14	7	14
1954	Above Normal	28	1,311	2,968	3,454	3,322	2,527	2,229	682	14	13	7	10
1955	Dry	264	2,293	2,945	3,271	3,080	2,472	1,899	433	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,662	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	15	16
1970	Wet	35	2,518	3,064	2,990	3,123	2,514	2,098	282	17	17	14	15
1971	Wet	79	3,013	2,423	3,115	3,007	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,117	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,339	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	30	1,251	3,128	3,640	3,424	2,755	1,487	817	15	15	6	8
1979	Below Normal	33	1,827	3,117	3,557	3,312	2,542	2,106	87	16	16	12	18
1980	Above Normal	41	2,397	2,856	3,170	3,096	2,500	2,035	598	73	20	7	13
1981	Dry	28	1,925	3,019	3,585	3,350	2,690	1,910	31	14	14	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	40	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,539	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,105	2,484	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,267	2,612	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,480	2,795	2,166	33	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	7	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,014	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	1
1934	Critical	1	1	1	2	4	4	3	2	1	1	0	0
1935	Below Normal	0	0	0	-1	-1	-1	-1	-1	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	-1	-1
1938	Wet	-1	0	0	0	0	0	0	0	0	0	-1	-2
1939	Dry	-2	-2	-2	-5	-10	-11	-8	-5	-2	-2	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	-1	-1	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	-3	-6	-12	-13	-10	-5	-2	-2	2	2
1953	Wet	2	2	2	4	9	9	7	4	2	2	0	1
1954	Above Normal	1	0	0	1	1	1	1	1	0	0	0	0
1955	Dry	0	0	0	1	1	1	1	1	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	-1	0	0	0	0	-1	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-1	0	-1	-1	-2	-2	-2	-1	0	0	0	0
1979	Below Normal	-1	-1	-1	-2	-4	-4	-3	-1	-1	-1	2	0
1980	Above Normal	0	-4	-3	-6	-13	-14	-10	-6	-2	-3	2	4
1981	Dry	7	2	2	4	9	10	7	4	2	2	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%
1934	Critical	2%	0%	0%	0%	0%	0%	1%	2%	10%	10%	0%	-2%
1935	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	2%	3%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	-3%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	-3%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	-16%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-1%	0%	-1%	-11%	-11%	15%	18%
1953	Wet	2%	0%	0%	0%	0%	0%	0%	1%	14%	14%	3%	4%
1954	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%
1970	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	1%	2%
1979	Below Normal	-4%	0%	0%	0%	0%	0%	0%	-1%	-4%	-4%	16%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	0%	-1%	-3%	-11%	35%	45%
1981	Dry	37%	0%	0%	0%	0%	0%	0%	16%	16%	16%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	-1%	-1%
1989	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,211	3,353	3,491	3,952	3,721	3,376	2,925	2,614	2,605
1924	Critical	2,552	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,841	1,418	1,088	967
1925	Dry	965	1,126	1,236	1,562	2,744	3,112	3,795	3,932	3,680	3,197	2,815	2,716
1926	Dry	2,606	2,584	2,623	2,666	3,415	3,572	3,855	3,716	3,242	2,671	2,310	2,184
1927	Wet	2,110	2,565	3,007	3,447	3,462	4,105	4,552	4,552	4,223	3,727	3,332	2,659
1928	Above Normal	2,571	2,822	2,932	3,159	3,653	3,965	4,541	4,493	3,972	3,282	2,895	2,560
1929	Critical	2,438	2,369	2,438	2,702	2,890	3,063	3,104	2,978	2,666	2,213	1,707	1,618
1930	Dry	1,497	1,422	1,967	2,169	2,570	3,066	3,206	3,187	2,851	2,439	2,184	2,157
1931	Critical	2,095	2,073	2,062	2,144	2,233	2,406	2,088	1,823	1,466	979	650	612
1932	Dry	581	586	764	977	1,093	1,551	1,657	1,840	1,700	1,422	1,189	1,089
1933	Critical	991	960	950	959	995	1,593	1,771	1,866	1,716	1,467	889	694
1934	Critical	635	619	738	1,024	1,339	1,593	1,593	1,462	1,161	721	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,705	2,306	1,916	1,804
1936	Below Normal	1,715	1,653	1,647	2,304	3,185	3,487	3,712	3,672	3,452	2,933	2,586	2,515
1937	Below Normal	2,378	2,278	2,251	2,226	2,306	2,953	3,653	3,898	3,695	3,279	2,929	2,824
1938	Wet	2,776	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,076	3,264	3,398	3,484	3,901	3,838	3,624	3,191	2,638	2,299	2,245
1940	Above Normal	2,144	2,048	2,185	3,080	3,252	3,435	4,131	4,131	3,730	3,129	2,737	2,611
1941	Wet	2,520	2,472	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,112	2,876	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,101	3,700	3,196
1943	Wet	3,107	2,861	3,113	3,541	3,848	4,118	4,552	4,552	4,270	3,694	3,332	2,820
1944	Dry	2,748	2,501	2,503	2,551	2,865	3,256	3,288	3,308	3,142	2,743	2,474	2,458
1945	Below Normal	2,393	2,542	2,818	3,038	3,732	3,974	4,138	4,269	4,047	3,550	3,213	3,147
1946	Below Normal	3,047	3,252	3,265	3,622	3,805	4,124	4,293	4,258	3,880	3,374	3,032	2,956
1947	Dry	2,840	2,890	3,006	3,007	3,273	3,798	3,889	3,584	3,392	2,820	2,501	2,342
1948	Below Normal	2,388	2,402	2,405	2,973	3,066	3,402	4,309	4,551	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,367	4,386	3,979	3,455	3,085	2,940
1950	Below Normal	2,782	2,720	2,672	2,920	3,271	3,647	4,029	4,022	3,715	3,318	3,019	2,993
1951	Above Normal	3,163	3,252	3,322	3,624	3,794	4,221	4,333	4,480	4,032	3,384	3,013	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,390
1953	Wet	3,218	2,989	3,345	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,197	3,051	3,209	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,904	2,938	3,187	3,351	3,472	3,638	3,868	4,049	3,762	3,240	2,973	2,991
1956	Wet	2,915	3,002	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,378
1959	Below Normal	3,250	2,935	2,960	3,648	3,777	4,221	4,301	4,151	3,671	3,082	2,692	2,823
1960	Dry	2,701	2,648	2,631	2,843	3,555	4,226	4,297	4,433	3,950	3,347	3,083	2,985
1961	Dry	2,913	3,019	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,974	2,869
1962	Below Normal	2,732	2,753	3,050	3,149	3,675	4,199	4,415	4,347	3,995	3,425	3,094	3,046
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,178	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,901	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,541	4,195	3,738	3,464	3,010
1966	Below Normal	2,877	2,964	3,084	3,568	3,962	4,229	4,552	4,428	3,885	3,256	2,930	2,825
1967	Wet	2,677	3,014	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,293
1968	Below Normal	3,244	3,090	3,181	3,358	3,654	4,226	4,259	4,160	3,717	3,124	2,895	2,877
1969	Wet	2,864	2,935	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,574	3,200
1970	Wet	3,245	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,344
1971	Wet	2,245	2,626	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,675	3,292
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,070
1974	Wet	3,184	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,898	3,069	3,217	3,866	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,019	3,127	3,362	3,441	3,628	3,696	3,557	3,200	2,761	2,755	2,857
1977	Critical	2,673	2,598	2,554	2,538	2,410	2,388	1,992	1,851	1,259	694	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,357
1979	Below Normal	3,200	3,084	3,047	3,121	3,443	3,949	4,212	4,375	3,946	3,417	3,203	3,193
1980	Above Normal	3,200	3,252	3,367	3,528	3,292	3,940	4,230	4,220	3,834	3,391	3,095	3,106
1981	Dry	3,042	2,799	2,919	3,199	3,606	4,208	4,426	4,221	3,566	2,948	2,650	2,616
1982	Wet	2,627	3,252	3,276	3,616	3,530	3,953	4,094	4,488	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,580	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,898	2,741	2,758	2,895	3,236	3,961	3,890	3,598	2,960	2,434	2,225	2,190
1988	Critical	2,048	2,023	2,520	2,896	2,944	3,078	3,098	3,056	2,629	2,072	1,615	1,562
1989	Dry	1,430	1,632	1,714	1,924	2,027	3,405	3,858	3,619	3,268	2,695	2,406	2,470
1990	Critical	2,608	2,634	2,632	2,877	2,974	3,239	3,056	3,227	3,040	2,456	2,095	2,084
1991	Critical	2,023	2,011	1,995	1,998	2,027	2,447	2,609	2,566	2,281	1,869	1,677	1,627
1992	Critical	1,506	1,359	1,355	1,390	2,033	2,472	2,722	2,383	1,810	1,384	908	883
1993	Above Normal	681	650	874	1,519	2,243	3,705	4,338	4,552	4,500	3,929	3,660	3,322
1994	Critical	3,200	2,966	3,010	3,145	3,370	3,543	3,380	3,292	2,855	2,219	1,876	1,859
1995	Wet	1,740	1,713	1,759	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,971	3,337	3,702	3,503	4,010	4,432	4,552	4,340	3,913	3,648	3,230
1997	Wet	3,052	2,947	3,252	3,252	3,737	3,956	4,013	3,774	3,422	2,887	2,710	2,243
1998	Wet	2,098	2,065	2,311	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,128	2,777	2,867	3,565	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,853	3,009	3,437	3,932	4,029	3,821	3,270	2,793	2,643	2,613
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,988
2003	Above Normal	2,796	2,739	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,350	3,152

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,877	3,013	3,210	3,353	3,491	3,951	3,721	3,376	2,925	2,614	2,606
1924	Critical	2,553	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,840	1,417	1,088	965
1925	Dry	963	1,124	1,234	1,560	2,742	3,111	3,793	3,931	3,678	3,196	2,813	2,715
1926	Dry	2,604	2,582	2,621	2,664	3,413	3,570	3,853	3,714	3,241	2,669	2,309	2,183
1927	Wet	2,109	2,564	3,006	3,446	3,462	4,105	4,552	4,552	4,223	3,727	3,331	2,659
1928	Above Normal	2,570	2,822	2,931	3,159	3,652	3,965	4,541	4,493	3,972	3,281	2,895	2,559
1929	Critical	2,438	2,369	2,437	2,701	2,889	3,063	3,104	2,977	2,665	2,213	1,706	1,617
1930	Dry	1,496	1,421	1,965	2,167	2,568	3,065	3,204	3,186	2,849	2,438	2,183	2,155
1931	Critical	2,094	2,072	2,061	2,143	2,231	2,404	2,086	1,821	1,464	976	650	612
1932	Dry	581	586	764	974	1,090	1,548	1,654	1,837	1,700	1,422	1,185	1,084
1933	Critical	986	955	944	953	990	1,588	1,763	1,858	1,707	1,457	879	683
1934	Critical	628	617	734	1,019	1,334	1,588	1,588	1,457	1,155	715	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,015	2,704	2,305	1,914	1,802
1936	Below Normal	1,713	1,651	1,644	2,301	3,183	3,485	3,710	3,669	3,449	2,930	2,583	2,512
1937	Below Normal	2,374	2,274	2,247	2,222	2,302	2,949	3,649	3,894	3,691	3,275	2,924	2,819
1938	Wet	2,772	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,973	3,619	3,211
1939	Dry	3,200	3,076	3,259	3,392	3,479	3,896	3,772	3,575	3,171	2,619	2,281	2,249
1940	Above Normal	2,160	2,062	2,200	3,095	3,252	3,435	4,131	4,130	3,727	3,127	2,733	2,659
1941	Wet	2,568	2,505	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,109	2,858	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,100	3,700	3,196
1943	Wet	3,107	2,862	3,115	3,541	3,848	4,118	4,552	4,552	4,270	3,706	3,344	2,824
1944	Dry	2,752	2,512	2,514	2,562	2,876	3,263	3,295	3,315	3,149	2,751	2,478	2,460
1945	Below Normal	2,396	2,545	2,820	3,040	3,734	3,976	4,140	4,271	4,050	3,553	3,217	3,151
1946	Below Normal	3,052	3,252	3,265	3,622	3,805	4,124	4,292	4,257	3,880	3,378	3,039	2,963
1947	Dry	2,843	2,894	3,010	3,011	3,276	3,801	3,892	3,587	3,394	2,822	2,497	2,341
1948	Below Normal	2,387	2,400	2,403	2,972	3,065	3,401	4,308	4,550	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,366	4,386	3,979	3,455	3,085	2,939
1950	Below Normal	2,781	2,719	2,671	2,918	3,270	3,646	4,027	4,020	3,713	3,317	3,018	2,992
1951	Above Normal	3,162	3,252	3,322	3,624	3,794	4,222	4,333	4,480	4,033	3,384	3,014	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,391
1953	Wet	3,219	2,899	3,342	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,200	3,058	3,216	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,903	2,935	3,184	3,351	3,470	3,637	3,867	4,048	3,760	3,239	2,973	2,992
1956	Wet	2,912	3,000	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,380
1959	Below Normal	3,250	2,865	2,890	3,648	3,777	4,221	4,301	4,150	3,670	3,081	2,691	2,822
1960	Dry	2,698	2,647	2,629	2,841	3,553	4,225	4,296	4,432	3,949	3,346	3,082	2,979
1961	Dry	2,907	3,013	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,976	2,870
1962	Below Normal	2,732	2,752	3,049	3,147	3,675	4,199	4,415	4,347	3,994	3,425	3,094	3,045
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,179	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,901	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,542	4,197	3,740	3,467	3,013
1966	Below Normal	2,880	2,970	3,091	3,575	3,969	4,229	4,552	4,427	3,885	3,256	2,930	2,825
1967	Wet	2,676	3,013	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,282
1968	Below Normal	3,233	2,993	3,082	3,259	3,654	4,226	4,259	4,160	3,717	3,123	2,895	2,876
1969	Wet	2,864	2,935	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,573	3,200
1970	Wet	3,240	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,338
1971	Wet	2,240	2,622	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,676	3,293
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,053
1974	Wet	3,167	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,349	4,150	3,700	3,364
1975	Wet	3,250	2,903	3,075	3,223	3,872	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,018	3,125	3,360	3,439	3,627	3,695	3,556	3,200	2,762	2,755	2,857
1977	Critical	2,673	2,597	2,554	2,537	2,408	2,387	1,990	1,848	1,257	691	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,165	3,719	3,382	3,354
1979	Below Normal	3,196	2,950	2,913	2,993	3,321	3,821	4,084	4,262	3,840	3,353	3,148	3,138
1980	Above Normal	3,141	3,250	3,367	3,528	3,292	3,940	4,230	4,220	3,833	3,390	3,093	3,056
1981	Dry	2,989	2,773	2,893	3,172	3,580	4,182	4,400	4,195	3,541	2,914	2,625	2,586
1982	Wet	2,597	3,252	3,276	3,616	3,530	3,953	4,094	4,487	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,579	3,413	2,830
1985	Dry	2,905	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,341	2,497	3,045	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,897	2,734	2,750	2,888	3,228	3,954	3,883	3,591	2,953	2,427	2,210	2,176
1988	Critical	2,039	2,014	2,511	2,888	2,936	3,070	3,090	3,048	2,619	2,062	1,605	1,553
1989	Dry	1,420	1,622	1,705	1,916	2,019	3,397	3,850	3,612	3,261	2,689	2,400	2,463
1990	Critical	2,602	2,628	2,626	2,871	2,968	3,233	3,050	3,220	3,033	2,450	2,140	2,069
1991	Critical	2,004	1,994	1,978	1,980	2,010	2,430	2,591	2,549	2,263	1,851	1,658	1,608
1992	Critical	1,487	1,339	1,336	1,371	2,014	2,453	2,703	2,364	1,763	1,369	889	867
1993	Above Normal	665	650	874	1,519	2,243	3,699	4,332	4,552	4,500	3,930	3,661	3,323
1994	Critical	3,200	2,968	3,010	3,145	3,369	3,542	3,380	3,291	2,850	2,214	1,872	1,855
1995	Wet	1,735	1,708	1,754	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,857	3,223	3,588	3,503	4,010	4,432	4,552	4,339	3,912	3,648	3,230
1997	Wet	3,060	2,955	3,252	3,252	3,737	3,956	4,013	3,773	3,421	2,890	2,713	2,245
1998	Wet	2,099	2,066	2,312	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,127	2,776	2,865	3,563	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,852	3,008	3,436	3,931	4,027	3,819	3,269	2,792	2,642	2,612
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,986
2003	Above Normal	2,793	2,735	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,349	3,151

Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	1	1
1924	Critical	1	1	1	0	0	0	0	0	-1	-1	-1	-1
1925	Dry	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-2
1926	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-2	-1	-1
1927	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1928	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1930	Dry	-1	-1	-1	-1	-1	-1	-1	-2	-2	-1	-1	-1
1931	Critical	-1	-1	-1	-1	-1	-1	-1	-2	-2	-3	0	0
1932	Dry	0	0	0	-3	-3	-3	-3	-3	0	0	-5	-5
1933	Critical	-5	-6	-6	-6	-6	-6	-8	-9	-10	-10	-10	-11
1934	Critical	-6	-2	-5	-5	-5	-5	-5	-6	-6	-7	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	-2
1936	Below Normal	-2	-2	-2	-2	-2	-2	-2	-3	-3	-3	-3	-3
1937	Below Normal	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
1938	Wet	-4	0	0	0	0	0	0	0	0	0	-1	-1
1939	Dry	0	0	-5	-5	-5	-5	-65	-49	-20	-19	-18	4
1940	Above Normal	16	15	15	15	0	0	0	-1	-2	-2	-4	48
1941	Wet	48	33	0	0	0	0	0	0	0	0	0	0
1942	Wet	-3	-18	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	1	1	0	0	0	0	0	0	12	12	5
1944	Dry	4	11	11	11	11	8	7	7	7	7	5	3
1945	Below Normal	2	2	2	2	2	2	2	3	3	3	4	4
1946	Below Normal	4	0	0	0	0	0	0	0	0	4	7	7
1947	Dry	4	4	4	4	4	4	3	3	2	2	-4	-1
1948	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	-1
1950	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1951	Above Normal	-1	0	0	0	0	1	1	1	1	1	1	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1953	Wet	0	-90	-3	0	0	0	0	0	0	0	0	0
1954	Above Normal	3	7	7	0	0	0	0	0	0	0	0	0
1955	Dry	-2	-3	-3	0	-2	-2	-1	-1	-1	-1	1	1
1956	Wet	-3	-3	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	2
1959	Below Normal	0	-70	-70	0	0	0	0	-1	-1	-1	-1	-1
1960	Dry	-3	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-6
1961	Dry	-6	-6	0	0	0	0	0	0	0	0	1	1
1962	Below Normal	0	-1	-1	-2	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	1	2	2	3	3
1966	Below Normal	3	7	7	7	7	0	0	0	0	0	-1	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-11
1968	Below Normal	-11	-96	-99	-99	0	0	0	0	0	0	-1	-1
1969	Wet	-1	-1	-1	0	0	0	0	0	0	0	0	0
1970	Wet	-4	0	0	0	0	0	0	0	0	0	0	-6
1971	Wet	-5	-3	0	0	0	0	0	0	0	1	1	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-17
1974	Wet	-17	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	5	5	5	5	0	0	0	0	0	0	0
1976	Critical	0	-1	-1	-1	-1	-1	-1	-1	0	1	0	0
1977	Critical	-1	-1	-1	-1	-2	-2	-2	-2	-3	-3	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1979	Below Normal	-4	-134	-134	-128	-122	-128	-128	-113	-106	-64	-56	-56
1980	Above Normal	-59	-2	0	0	0	0	0	-1	-1	-1	-2	-50
1981	Dry	-53	-27	-27	-27	-26	-26	-26	-26	-25	-33	-25	-30
1982	Wet	-30	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-7	-7	-7	-7	-7	-7	-7	-7	-7	-16	-13
1988	Critical	-9	-9	-9	-9	-7	-8	-8	-8	-10	-10	-9	-9
1989	Dry	-10	-10	-10	-8	-8	-8	-8	-7	-7	-6	-6	-6
1990	Critical	-6	-6	-6	-6	-6	-6	-6	-6	-6	-7	45	-15
1991	Critical	-19	-18	-18	-18	-18	-18	-17	-18	-18	-19	-19	-19
1992	Critical	-19	-19	-19	-19	-19	-19	-19	-20	-48	-15	-19	-16
1993	Above Normal	-16	0	0	0	0	-6	-6	0	0	1	1	1
1994	Critical	0	1	-1	-1	-1	-1	-1	-2	-4	-4	-4	-4
1995	Wet	-5	-5	-5	0	0	0	0	0	0	0	0	0
1996	Wet	0	-114	-114	-114	0	0	0	0	0	0	0	0
1997	Wet	8	8	0	0	0	0	0	0	0	2	2	2
1998	Wet	1	1	1	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	-1	-1	-2	-2	0	0	0	0	0	0	0	0
2001	Dry	0	0	-2	-2	-2	-2	-2	-2	-1	-1	0	-1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-3	-3	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	-1%	-1%	-1%	-2%
1934	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%	-1%	-1%	0%
1940	Above Normal	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1941	Wet	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-4%	-4%	-4%	-4%	-3%	-3%	-3%	-3%	-2%	-2%	-2%
1980	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1981	Dry	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1989	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1991	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1992	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-3%	-1%	-2%	-2%
1993	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-4%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,846	12,618	11,809	10,067	7,610
1923	Below Normal	4,955	6,814	3,282	3,085	2,972	3,231	2,755	9,932	10,120	10,821	8,212	3,432
1924	Critical	4,493	4,467	4,179	1,814	2,922	4,123	7,652	7,665	9,977	9,580	8,087	4,864
1925	Dry	3,562	2,869	2,906	120	1,633	3,001	2,952	5,369	9,081	10,883	9,310	5,124
1926	Dry	5,296	4,147	3,387	3,106	1,710	3,766	3,705	6,354	10,841	11,821	8,331	4,684
1927	Wet	4,257	2,801	3,499	3,871	24,039	3,146	9,428	8,633	10,971	11,585	9,453	14,434
1928	Above Normal	4,666	3,200	3,647	3,737	2,292	10,471	3,232	6,839	12,548	14,420	9,152	8,583
1929	Critical	5,091	5,099	3,035	0	3,115	3,212	5,997	7,063	8,843	10,114	10,858	4,194
1930	Dry	4,803	4,162	2,434	2,991	2,581	2,839	4,561	5,294	8,989	9,465	6,762	3,277
1931	Critical	3,887	3,474	3,251	3,023	3,069	3,017	9,180	7,284	8,708	10,330	7,739	3,144
1932	Dry	3,282	2,836	3,373	2,070	3,382	3,108	5,343	4,378	6,136	7,235	6,272	4,137
1933	Critical	4,134	3,486	3,238	3,373	3,251	3,253	5,045	5,210	6,969	6,822	11,871	5,824
1934	Critical	3,669	3,088	3,286	3,044	3,038	3,175	5,319	6,072	8,023	9,642	5,152	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,026	9,585	9,511	8,992	4,518
1936	Below Normal	4,291	3,968	3,491	2,091	2,816	4,046	4,418	5,933	8,315	11,336	8,095	3,658
1937	Below Normal	4,761	4,375	3,251	3,251	3,252	3,252	2,779	4,700	8,483	9,751	8,185	4,202
1938	Wet	3,627	3,831	16,725	4,241	28,181	32,392	10,694	7,578	9,780	11,693	9,423	10,341
1939	Dry	4,438	6,634	2,736	3,251	3,900	3,137	6,686	7,484	10,439	11,789	8,194	3,770
1940	Above Normal	4,700	4,779	3,334	2,176	26,007	19,297	3,947	6,634	11,024	13,086	9,431	5,247
1941	Wet	4,969	4,891	4,497	22,828	20,463	11,263	11,900	10,937	9,708	9,640	11,329	12,333
1942	Wet	5,437	8,426	9,975	17,061	25,435	4,393	3,700	10,007	9,023	10,449	10,319	12,242
1943	Wet	5,370	9,199	2,984	7,749	7,464	11,264	5,051	7,691	10,394	13,234	9,353	12,084
1944	Dry	4,785	8,326	3,950	3,813	2,773	1,957	6,133	5,264	7,425	9,965	7,472	3,212
1945	Below Normal	4,517	3,951	3,439	2,975	3,608	4,288	4,955	5,733	9,121	11,398	8,510	4,153
1946	Below Normal	5,960	4,544	21,222	6,831	4,260	4,420	6,955	7,884	10,839	11,910	8,944	4,463
1947	Dry	5,237	4,038	3,048	3,733	3,029	2,971	5,758	9,112	9,234	12,589	8,161	5,592
1948	Below Normal	3,865	3,715	3,765	2,771	3,062	3,066	3,612	8,883	9,081	12,659	9,309	5,878
1949	Dry	6,496	4,538	4,001	3,630	4,026	6,333	5,095	6,723	10,636	11,331	8,730	5,083
1950	Below Normal	5,541	4,444	4,078	3,715	3,978	4,394	3,771	6,458	8,856	9,217	7,544	3,180
1951	Above Normal	5,661	8,426	14,336	6,924	14,556	3,724	6,396	5,472	11,565	13,536	8,910	5,583
1952	Wet	4,408	6,542	9,002	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,733
1953	Wet	6,465	7,875	4,404	26,911	3,673	3,659	4,476	8,738	9,575	11,898	8,888	12,150
1954	Above Normal	3,727	8,952	3,058	9,854	16,981	8,256	9,789	7,431	10,487	13,531	9,621	8,813
1955	Dry	4,769	5,238	4,014	2,819	3,670	3,291	5,650	5,037	9,030	11,688	7,234	2,906
1956	Wet	4,428	3,400	26,403	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,468	11,409
1957	Above Normal	5,364	10,670	4,046	3,844	3,371	6,830	5,638	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,883	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,478
1959	Below Normal	6,380	9,613	4,223	4,237	12,726	2,537	6,993	8,187	12,189	12,971	9,490	1,970
1960	Dry	5,587	4,593	4,225	3,246	2,546	3,131	6,607	4,884	13,067	13,074	7,341	4,806
1961	Dry	4,735	3,838	4,655	3,071	9,119	5,610	6,287	7,313	11,104	13,544	9,786	4,850
1962	Below Normal	5,715	5,352	3,605	3,587	13,019	2,754	6,138	7,725	10,322	12,252	8,402	3,800
1963	Wet	7,242	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,802	12,060
1964	Dry	2,885	4,149	3,993	3,494	2,205	3,227	8,827	7,071	8,851	11,672	6,638	3,331
1965	Wet	3,577	3,471	17,697	19,879	4,223	4,503	6,116	6,974	10,258	11,207	7,770	11,025
1966	Below Normal	5,710	6,863	3,599	3,815	3,714	10,048	6,253	8,170	13,165	13,585	8,357	4,962
1967	Wet	5,752	3,439	9,302	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,546	10,468
1968	Below Normal	4,967	6,733	3,631	3,796	12,800	2,707	6,725	7,281	11,333	12,764	7,209	3,892
1969	Wet	4,203	3,416	3,063	21,775	19,852	5,140	11,360	10,987	10,203	10,534	9,290	10,284
1970	Wet	3,551	7,002	11,442	48,536	12,335	3,481	7,062	7,361	9,584	12,955	8,169	11,099
1971	Wet	5,806	4,464	4,807	13,470	3,970	16,508	5,390	8,533	9,420	12,338	8,117	10,003
1972	Below Normal	5,725	8,501	3,637	3,420	2,944	8,854	7,433	6,972	12,542	14,954	7,260	3,231
1973	Above Normal	4,347	4,055	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,699
1974	Wet	3,074	25,269	18,915	34,416	4,622	33,288	5,235	6,237	9,998	8,107	11,429	9,923
1975	Wet	6,039	10,916	2,990	3,106	3,572	24,494	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,793	2,990	708	4,888	3,981	5,323	6,966	9,419	10,296	3,868	1,855
1977	Critical	6,688	5,033	4,445	4,006	6,262	4,277	9,890	5,789	13,041	11,976	5,433	3,811
1978	Above Normal	3,790	3,393	3,252	76	7,461	12,939	5,817	8,913	11,521	11,045	8,875	4,172
1979	Below Normal	6,003	5,754	4,179	4,461	3,398	2,765	3,254	5,360	10,616	11,588	6,332	3,159
1980	Above Normal	4,169	4,706	3,700	17,546	28,377	3,796	4,481	6,838	10,769	10,630	7,836	3,321
1981	Dry	4,370	7,703	3,730	3,212	2,578	2,604	3,568	8,184	14,298	12,709	7,282	3,371
1982	Wet	3,483	7,142	21,138	6,380	22,607	10,942	24,091	4,238	8,355	9,286	8,989	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,612	10,883	13,571	6,351	13,581
1985	Dry	3,105	3,969	5,392	3,242	3,119	3,252	5,922	9,027	10,644	10,268	7,797	4,074
1986	Wet	4,653	5,277	3,529	3,086	39,959	18,882	2,374	7,449	11,036	10,547	8,280	3,483
1987	Dry	3,502	6,478	3,822	3,075	2,838	2,765	7,234	9,133	13,822	11,899	5,964	3,807
1988	Critical	5,573	4,211	2,869	3,617	5,504	3,507	4,888	6,283	11,266	11,663	10,153	3,967
1989	Dry	5,210	2,814	3,446	1,495	3,249	1,953	3,255	9,124	9,258	11,944	7,444	2,273
1990	Critical	2,799	3,334	3,393	2,945	3,178	3,253	7,064	5,001	8,699	12,550	8,810	3,184
1991	Critical	4,066	3,486	3,251	3,251	3,252	2,971	3,254	6,149	8,055	9,431	5,727	3,516
1992	Critical	4,915	5,413	3,251	3,251	2,035	2,337	3,255	9,802	12,785	9,862	10,203	3,276
1993	Above Normal	6,552	3,633	2,984	2,465	2,108	2,238	4,285	6,744	9,615	12,986	7,617	8,940
1994	Critical	5,441	7,324	4,428	3,051	2,909	3,253	7,161	5,773	10,288	12,773	8,093	2,887
1995	Wet	4,756	3,923	3,225	10,392	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	8,319	2,141	3,050	31,708	8,782	4,171	10,888	9,613	10,817	8,095	10,719
1997	Wet	6,873	8,411	23,207	32,560	4,019	4,479	6,496	9,264	10,219	12,280	6,531	11,739
1998	Wet	6,575	7,779	3,008	9,064	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,106	11,924	8,405	10,668
2000	Above Normal	5,677	11,345	3,850	2,178	31,647	6,438	2,878	7,748	11,418	13,556	9,192	7,092
2001	Dry	5,817	8,672	4,178	2,932	2,262	2,292	5,356	8,884	13,286	11,530	5,834	3,638
2002	Dry	5,486	3,420	2,679	8,192	2,981	3,083	6,610	8,527	11,434	10,849	7,417	4,102
2003	Above Normal	6,030	4,739	8,733	13,692	4,151	3,122	8,379	12,870	10,354	14,297	6,804	6,575

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,845	12,618	11,809	10,068	7,610
1923	Below Normal	4,955	6,818	3,282	3,085	2,972	3,231	2,755	9,929	10,116	10,818	8,208	3,432
1924	Critical	4,492	4,467	4,180	1,818	2,922	4,123	7,652	7,674	9,984	9,583	8,085	4,875
1925	Dry	3,569	2,869	2,906	109	1,633	3,001	2,952	5,372	9,083	10,884	9,313	5,127
1926	Dry	5,299	4,149	3,387	3,106	1,710	3,766	3,705	6,356	10,829	11,822	8,323	4,681
1927	Wet	4,259	2,801	3,499	3,871	24,021	3,146	9,428	8,633	10,973	11,585	9,455	14,436
1928	Above Normal	4,668	3,200	3,647	3,737	2,292	10,463	3,232	6,841	12,549	14,422	9,153	8,584
1929	Critical	5,093	5,098	3,034	0	3,115	3,212	5,999	7,064	8,844	10,116	10,859	4,195
1930	Dry	4,805	4,165	2,438	2,991	2,581	2,839	4,563	5,296	8,990	9,461	6,757	3,279
1931	Critical	3,888	3,476	3,251	3,023	3,069	3,017	9,181	7,293	8,712	10,336	7,698	3,144
1932	Dry	3,282	2,836	3,373	2,112	3,382	3,108	5,348	4,388	6,078	7,235	6,347	4,137
1933	Critical	4,145	3,491	3,238	3,373	3,251	3,253	5,088	5,224	6,980	6,830	11,879	5,835
1934	Critical	3,595	3,021	3,323	3,050	3,038	3,175	5,326	6,078	8,035	9,648	5,043	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,032	9,592	9,515	8,998	4,524
1936	Below Normal	4,296	3,974	3,491	2,091	2,816	4,046	4,418	5,938	8,319	11,337	8,099	3,663
1937	Below Normal	4,766	4,381	3,251	3,251	3,252	3,252	2,779	4,703	8,487	9,746	8,188	4,206
1938	Wet	3,627	3,756	16,725	4,241	28,181	32,392	10,694	7,578	9,784	11,697	9,426	10,342
1939	Dry	4,427	6,641	2,818	3,251	3,896	3,137	7,697	7,228	9,940	11,789	8,179	3,398
1940	Above Normal	4,499	4,805	3,334	2,176	26,259	19,297	3,947	6,650	11,050	13,086	9,452	4,372
1941	Wet	4,979	5,135	5,033	22,828	20,463	11,263	11,900	10,937	9,710	9,638	11,329	12,333
1942	Wet	5,494	8,665	9,688	17,061	25,435	4,393	3,700	10,007	9,025	10,451	10,316	12,244
1943	Wet	5,371	9,176	2,984	7,769	7,464	11,264	5,051	7,691	10,388	13,051	9,347	12,201
1944	Dry	4,791	8,222	3,950	3,813	2,773	2,006	6,137	5,269	7,433	9,953	7,512	3,246
1945	Below Normal	4,520	3,951	3,439	2,975	3,608	4,288	4,955	5,730	9,117	11,387	8,505	4,152
1946	Below Normal	5,948	4,619	21,222	6,831	4,260	4,420	6,958	7,887	10,842	11,833	8,899	4,467
1947	Dry	5,283	4,043	3,048	3,734	3,029	2,971	5,761	9,116	9,253	12,592	8,246	5,555
1948	Below Normal	3,863	3,715	3,765	2,771	3,062	3,066	3,613	8,884	9,058	12,655	9,310	5,881
1949	Dry	6,496	4,540	4,001	3,630	4,026	6,331	5,096	6,723	10,637	11,331	8,728	5,100
1950	Below Normal	5,542	4,445	4,079	3,715	3,978	4,394	3,772	6,459	8,857	9,218	7,545	3,180
1951	Above Normal	5,655	8,408	14,336	6,924	14,556	3,705	6,402	5,473	11,567	13,536	8,911	5,586
1952	Wet	4,409	6,544	9,006	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,723
1953	Wet	6,469	9,401	2,980	26,867	3,673	3,659	4,470	8,744	9,575	11,903	8,883	12,150
1954	Above Normal	3,676	8,887	3,058	9,968	16,981	8,256	9,789	7,431	10,486	13,531	9,625	8,816
1955	Dry	4,792	5,264	4,014	2,764	3,698	3,291	5,648	5,036	9,030	11,684	7,201	2,903
1956	Wet	4,487	3,402	26,358	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,467	11,410
1957	Above Normal	5,364	10,671	4,048	3,844	3,371	6,826	5,639	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,882	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,446
1959	Below Normal	6,411	10,795	4,223	3,096	12,726	2,537	7,000	8,196	12,194	12,971	9,491	1,972
1960	Dry	5,610	4,571	4,224	3,246	2,546	3,131	6,603	4,884	13,067	13,072	7,335	4,896
1961	Dry	4,727	3,838	4,565	3,071	9,119	5,610	6,287	7,312	11,104	13,544	9,768	4,847
1962	Below Normal	5,736	5,370	3,605	3,600	12,988	2,754	6,139	7,725	10,323	12,255	8,402	3,801
1963	Wet	7,237	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,803	12,060
1964	Dry	2,886	4,143	3,993	3,496	2,205	3,227	8,828	7,073	8,852	11,672	6,639	3,332
1965	Wet	3,577	3,471	17,693	19,879	4,223	4,503	6,116	6,960	10,240	11,206	7,758	11,019
1966	Below Normal	5,710	6,801	3,599	3,815	3,714	10,159	6,253	8,172	13,167	13,585	8,363	4,959
1967	Wet	5,752	3,439	9,295	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,545	10,650
1968	Below Normal	4,970	8,166	3,681	3,796	11,077	2,707	6,730	7,283	11,334	12,764	7,210	3,892
1969	Wet	4,203	3,416	3,063	21,766	19,852	5,140	11,360	10,987	10,204	10,535	9,290	10,282
1970	Wet	3,619	6,935	11,438	48,536	12,335	3,481	7,062	7,362	9,584	12,955	8,169	11,205
1971	Wet	5,784	4,434	4,754	13,470	3,970	16,508	5,389	8,534	9,420	12,330	8,116	10,005
1972	Below Normal	5,725	8,508	3,637	3,420	2,944	8,854	7,433	6,972	12,543	14,954	7,260	3,233
1973	Above Normal	4,348	4,051	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,981
1974	Wet	3,084	24,978	18,915	34,416	4,622	33,288	5,235	6,237	9,999	8,106	11,429	9,923
1975	Wet	6,038	10,825	2,990	3,106	3,572	24,582	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,816	2,991	708	4,888	3,981	5,323	6,966	9,396	10,282	3,880	1,854
1977	Critical	6,703	5,034	4,447	4,009	6,273	4,277	9,891	5,796	13,049	11,981	5,385	3,813
1978	Above Normal	3,788	3,397	3,252	76	7,457	12,939	5,817	8,913	11,523	11,047	8,877	4,204
1979	Below Normal	6,038	7,935	4,176	4,361	3,298	2,865	3,254	5,126	10,504	10,907	6,208	3,158
1980	Above Normal	4,226	3,748	3,668	17,546	28,377	3,796	4,487	6,843	10,774	10,635	7,840	4,136
1981	Dry	4,420	7,260	3,730	3,212	2,578	2,604	3,568	8,172	14,298	12,839	7,142	3,470
1982	Wet	3,483	6,633	21,138	6,380	22,607	10,942	24,091	4,240	8,356	9,287	8,985	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,422	7,613	10,884	13,571	6,352	13,582
1985	Dry	3,106	3,964	5,392	3,242	3,119	3,252	5,923	9,028	10,644	10,269	7,797	4,075
1986	Wet	4,654	5,279	3,529	3,086	39,953	18,882	2,375	7,450	11,037	10,547	8,281	3,483
1987	Dry	3,502	6,598	3,822	3,075	2,838	2,765	7,233	9,128	13,822	11,899	6,107	3,772
1988	Critical	5,496	4,211	2,869	3,617	5,481	3,514	4,897	6,284	11,288	11,662	10,152	3,968
1989	Dry	5,217	2,814	3,446	1,462	3,249	1,953	3,255	9,117	9,248	11,939	7,442	2,273
1990	Critical	2,799	3,336	3,393	2,945	3,178	3,253	7,065	5,002	8,700	12,552	7,969	4,199
1991	Critical	4,130	3,458	3,251	3,251	3,252	2,971	3,254	6,154	8,057	9,447	5,734	3,515
1992	Critical	4,918	5,417	3,251	3,251	2,035	2,337	3,255	9,813	13,258	9,328	10,269	3,236
1993	Above Normal	6,547	3,368	2,984	2,465	2,108	2,338	4,285	6,644	9,615	12,977	7,610	8,935
1994	Critical	5,463	7,301	4,460	3,051	2,909	3,253	7,162	5,794	10,330	12,773	8,084	2,891
1995	Wet	4,770	3,928	3,225	10,306	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	10,237	2,141	3,050	29,729	8,782	4,171	10,888	9,617	10,818	8,097	10,719
1997	Wet	6,734	8,409	23,339	32,560	4,019	4,479	6,498	9,265	10,220	12,236	6,531	11,745
1998	Wet	6,588	7,784	3,008	9,080	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,107	11,925	8,406	10,665
2000	Above Normal	5,688	11,355	3,856	2,178	31,619	6,438	2,878	7,748	11,419	13,556	9,193	7,093
2001	Dry	5,814	8,674	4,202	2,932	2,262	2,292	5,358	8,883	13,282	11,526	5,826	3,639
2002	Dry	5,480	3,420	2,679	8,189	2,981	3,083	6,611	8,528	11,435	10,848	7,418	4,140
2003	Above Normal	6,044	4,740	8,678	13,692	4,151	3,122	8,379	12,870	10,355	14,302	6,805	6,571

Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	1	0	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	0	0	0	0	0	-3	-4	-3	-4	0
1924	Critical	0	0	0	4	0	0	0	9	7	3	-2	10
1925	Dry	8	0	0	-11	0	0	0	3	3	1	2	3
1926	Dry	3	3	0	0	0	0	0	2	-11	1	-8	-2
1927	Wet	2	0	0	0	-18	0	0	0	2	1	2	2
1928	Above Normal	2	0	0	0	0	-8	0	2	0	2	1	0
1929	Critical	2	-1	-1	0	0	0	2	1	1	2	1	2
1930	Dry	2	3	4	0	0	0	2	2	1	-5	-4	1
1931	Critical	1	3	0	0	0	0	1	9	5	6	-41	0
1932	Dry	0	0	0	42	0	0	4	11	-58	0	75	0
1933	Critical	10	6	0	0	0	0	43	15	11	8	8	11
1934	Critical	-74	-67	37	6	0	0	6	6	12	6	-109	0
1935	Below Normal	0	0	0	0	0	0	0	6	6	4	6	6
1936	Below Normal	6	6	0	0	0	0	0	5	5	1	4	5
1937	Below Normal	5	5	0	0	0	0	0	3	4	-5	3	4
1938	Wet	0	-75	0	0	0	0	0	0	4	4	4	0
1939	Dry	-11	7	82	0	-4	0	1,011	-256	-499	0	-15	-372
1940	Above Normal	-202	26	0	0	252	0	0	15	26	0	22	-875
1941	Wet	10	245	535	0	0	0	0	0	2	-2	0	0
1942	Wet	56	239	-287	0	0	0	0	0	2	2	-4	1
1943	Wet	1	-23	0	20	0	0	0	0	-6	-183	-6	117
1944	Dry	5	-104	0	0	0	49	4	5	8	-12	40	35
1945	Below Normal	3	0	0	0	0	0	1	-2	-4	-11	-4	-1
1946	Below Normal	-12	75	0	0	0	0	3	2	3	-77	-45	4
1947	Dry	46	5	0	1	0	0	3	4	19	3	86	-37
1948	Below Normal	-2	0	0	0	0	0	1	1	-22	-3	1	2
1949	Dry	0	2	0	0	0	-2	1	1	1	0	-3	17
1950	Below Normal	2	0	1	0	0	0	1	1	1	1	1	1
1951	Above Normal	-5	-18	0	0	0	-19	6	1	1	0	1	3
1952	Wet	1	1	4	0	0	0	0	0	0	0	0	-10
1953	Wet	4	1,525	-1,424	-45	0	0	-6	6	0	5	-5	0
1954	Above Normal	-51	-65	0	114	0	0	0	0	-1	0	4	3
1955	Dry	23	26	0	-54	28	0	-2	-2	0	-4	-33	-2
1956	Wet	59	3	-45	0	0	0	0	0	0	0	-1	1
1957	Above Normal	0	1	1	0	0	-4	0	0	0	0	0	0
1958	Wet	-1	0	0	0	0	0	0	0	0	0	0	-32
1959	Below Normal	31	1,181	0	-1,141	0	0	7	8	5	0	2	2
1960	Dry	23	-21	-1	0	0	0	-4	-1	0	-2	-6	91
1961	Dry	-8	0	-90	0	0	0	0	-1	-1	0	-18	-3
1962	Below Normal	21	18	0	12	-31	0	1	1	1	2	1	1
1963	Wet	-5	0	0	0	0	0	0	0	1	0	1	0
1964	Dry	1	-7	0	2	0	0	1	1	1	1	1	1
1965	Wet	0	0	-4	0	0	0	0	-14	-19	-2	-12	-6
1966	Below Normal	1	-62	0	0	0	110	0	3	2	0	7	-3
1967	Wet	-1	0	-7	0	0	0	0	0	0	0	0	182
1968	Below Normal	4	1,433	50	0	-1,723	0	5	2	1	0	1	0
1969	Wet	0	0	0	-9	0	0	0	0	0	0	0	-1
1970	Wet	68	-66	-4	0	0	0	1	1	1	0	0	106
1971	Wet	-22	-29	-53	0	0	0	-1	1	-1	-8	-1	1
1972	Below Normal	0	7	0	0	0	0	0	0	0	0	0	2
1973	Above Normal	0	-3	0	0	0	0	0	0	0	0	0	282
1974	Wet	10	-291	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-91	0	0	0	88	0	0	0	0	-1	0
1976	Critical	0	23	1	0	0	0	0	0	-24	-15	12	0
1977	Critical	15	1	1	4	11	0	1	7	8	5	-48	2
1978	Above Normal	-2	4	0	0	-4	0	0	0	2	2	2	32
1979	Below Normal	36	2,181	-4	-100	-100	100	0	-234	-112	-680	-124	-1
1980	Above Normal	57	-958	-33	0	0	0	6	6	5	5	4	815
1981	Dry	51	-443	0	0	0	0	0	-13	0	130	-140	99
1982	Wet	0	-509	0	0	0	0	0	2	2	1	-4	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	1	1	1	0	1	1
1985	Dry	1	-6	0	0	0	0	1	0	0	0	0	1
1986	Wet	1	2	0	0	-6	0	1	1	1	1	1	0
1987	Dry	1	120	0	0	0	0	-1	-6	0	0	143	-35
1988	Critical	-77	0	0	0	-23	7	10	1	22	-1	-1	1
1989	Dry	6	0	0	-32	0	0	0	-7	-10	-5	-1	0
1990	Critical	0	2	0	0	0	0	1	1	1	2	-841	1,016
1991	Critical	64	-28	0	0	0	0	0	4	2	16	7	0
1992	Critical	3	4	0	0	0	0	0	11	473	-535	67	-40
1993	Above Normal	-5	-265	0	0	0	100	0	-100	0	-10	-7	-5
1994	Critical	22	-23	33	0	0	0	0	21	42	0	-9	5
1995	Wet	14	5	0	-86	0	0	0	0	0	0	0	0
1996	Wet	0	1,918	0	0	-1,979	0	0	0	3	2	2	0
1997	Wet	-138	-1	132	0	0	0	1	2	2	-45	-1	6
1998	Wet	13	5	0	17	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	1	0	1	-3
2000	Above Normal	11	9	6	0	-28	0	0	0	1	0	1	0
2001	Dry	-3	2	24	0	0	0	1	-1	-4	-3	-9	1
2002	Dry	-6	0	0	-3	0	0	1	1	1	0	1	38
2003	Above Normal	14	1	-55	0	0	0	0	0	1	5	1	-3

Percent Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1932	Dry	0%	0%	0%	2%	0%	0%	0%	0%	-1%	0%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1934	Critical	-2%	-2%	1%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	3%	0%	0%	0%	15%	-3%	-5%	0%	0%	-10%
1940	Above Normal	-4%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-17%
1941	Wet	0%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	2%	0%	0%	0%	0%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	19%	-32%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	12%	0%	-27%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1968	Below Normal	0%	21%	1%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	1%	38%	0%	-2%	-3%	4%	0%	-4%	-1%	-6%	-2%	0%
1980	Above Normal	1%	-20%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	25%
1981	Dry	1%	-6%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	3%
1982	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1988	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	32%
1991	Critical	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	4%	-5%	1%	-1%
1993	Above Normal	0%	-7%	0%	0%	0%	4%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	23%	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,540	2,741	3,100	3,238	3,212	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,745	1,798	1,978	1,984	1,935	1,829	1,668	1,240	1,152	1,116
1925	Dry	1,122	1,167	1,233	1,331	1,946	2,213	2,511	2,653	2,504	1,926	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,334	1,716	1,404	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,075	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,335	1,473	1,453	1,441	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,399	2,741	2,891	2,622	2,018	1,663	1,363
1931	Critical	1,309	1,335	1,361	1,494	1,620	1,823	1,725	1,668	1,536	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,263	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,309	1,410	1,497	1,464	1,535	1,594	1,527	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,641	1,639	1,528	1,343	1,210	1,095	1,055
1935	Below Normal	998	1,047	1,110	1,303	1,497	1,768	2,783	3,267	3,247	2,644	2,136	1,802
1936	Below Normal	1,647	1,560	1,519	2,031	2,788	2,954	3,354	3,538	3,538	2,956	2,459	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,768	2,118	2,503	2,845	2,502	1,937	1,440	1,336
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,433	2,530	2,612	2,804	2,755	2,618	2,414	1,787	1,409	1,244
1940	Above Normal	1,199	1,181	1,206	1,672	2,661	2,788	3,238	3,414	3,275	2,659	2,154	1,696
1941	Wet	1,577	1,551	2,063	2,634	2,788	2,918	3,334	3,538	3,538	3,120	2,972	2,411
1942	Wet	2,322	2,363	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,306	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,963	2,497	1,928
1944	Dry	1,801	1,781	1,553	1,624	1,761	1,976	2,106	2,334	2,145	1,551	1,241	1,163
1945	Below Normal	1,114	1,190	1,318	1,480	2,083	2,374	2,619	2,881	2,868	2,296	1,819	1,510
1946	Below Normal	1,405	1,493	2,139	2,541	2,745	3,038	3,364	3,538	3,408	2,824	2,329	2,035
1947	Dry	1,856	1,923	2,013	2,079	2,354	2,682	2,838	2,733	2,559	1,945	1,611	1,250
1948	Below Normal	1,248	1,251	1,252	1,520	1,613	1,809	2,468	2,935	3,099	2,566	2,069	1,889
1949	Dry	1,798	1,783	1,798	1,851	1,932	2,219	2,498	2,678	2,453	1,858	1,583	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,999
1951	Above Normal	2,025	2,594	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,841
1952	Wet	1,745	1,754	2,231	2,675	2,832	2,988	3,452	3,538	3,538	3,538	3,526	3,013
1953	Wet	2,887	2,907	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,706	2,181
1954	Above Normal	2,074	2,159	2,210	2,388	2,756	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,630	1,655	1,748	1,876	1,963	2,101	2,174	2,354	2,245	1,678	1,381	1,305
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,160	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,629	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,375	3,304	2,786
1959	Below Normal	2,657	2,678	2,504	2,829	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,524
1960	Dry	1,408	1,339	1,351	1,478	2,075	2,639	2,801	2,881	2,654	2,063	1,636	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,945	2,289	2,793	2,868	2,837	2,228	1,735	1,377
1963	Wet	2,051	2,178	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,436	2,529	2,635	2,544	1,956	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,723	2,177
1966	Below Normal	2,091	2,207	2,328	2,509	2,599	2,827	3,134	3,217	2,949	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,473	2,916
1968	Below Normal	2,803	2,818	2,764	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,637	1,698	1,921	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,199	2,678
1970	Wet	2,638	2,716	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,575
1971	Wet	1,452	1,656	2,040	2,381	2,649	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,812	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,672	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,968	1,677	1,359
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,536	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,875	2,079	2,394	2,762	2,988	3,273	2,961	2,399	1,993	1,714
1980	Above Normal	1,681	1,738	1,861	2,813	2,788	3,028	3,295	3,493	3,466	3,108	2,900	2,464
1981	Dry	2,301	2,274	2,319	2,466	2,706	2,980	3,145	3,132	2,824	2,186	1,796	1,571
1982	Wet	1,629	2,560	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,029	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,608	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,591	1,914	1,936	1,749	1,422	1,222	1,069	1,002
1988	Critical	1,043	1,155	1,451	1,701	1,743	1,829	1,865	1,840	1,653	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,832	1,603
1990	Critical	1,598	1,616	1,470	1,611	1,695	1,959	1,935	1,957	1,872	1,294	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,310	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,433	1,241	1,102	973
1993	Above Normal	1,017	1,051	1,215	1,755	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,063
1994	Critical	1,962	1,978	2,056	2,095	2,205	2,397	2,368	2,337	2,143	1,582	1,300	1,228
1995	Wet	1,199	1,234	1,337	2,606	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,252
1996	Wet	3,119	3,134	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,201	2,610	2,368	1,809
1998	Wet	1,692	1,762	1,961	2,700	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,325	2,700	2,237	1,804
2001	Dry	1,711	1,707	1,493	1,558	1,657	1,867	1,934	1,863	1,578	1,241	1,130	1,039
2002	Dry	1,014	1,092	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,474	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,539	2,740	3,099	3,237	3,211	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,746	1,799	1,979	1,984	1,935	1,830	1,669	1,240	1,153	1,116
1925	Dry	1,123	1,168	1,233	1,331	1,946	2,214	2,512	2,654	2,505	1,927	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,333	1,715	1,403	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,074	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,334	1,473	1,453	1,440	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,398	2,741	2,890	2,622	2,018	1,662	1,363
1931	Critical	1,308	1,335	1,361	1,494	1,619	1,822	1,724	1,667	1,535	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,262	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,308	1,409	1,496	1,463	1,534	1,593	1,526	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,640	1,639	1,552	1,367	1,234	1,118	1,077
1935	Below Normal	1,018	1,067	1,130	1,323	1,517	1,788	2,803	3,288	3,268	2,664	2,156	1,821
1936	Below Normal	1,679	1,591	1,554	2,066	2,788	2,954	3,354	3,538	3,538	2,956	2,458	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,767	2,118	2,502	2,844	2,497	1,932	1,435	1,331
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,434	2,530	2,613	2,806	2,719	2,583	2,380	1,755	1,374	1,244
1940	Above Normal	1,200	1,183	1,208	1,674	2,663	2,788	3,238	3,414	3,275	2,659	2,154	1,695
1941	Wet	1,576	1,550	2,062	2,633	2,788	2,918	3,334	3,538	3,538	3,119	2,971	2,411
1942	Wet	2,322	2,362	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,305	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,953	2,487	1,918
1944	Dry	1,791	1,771	1,543	1,615	1,751	1,967	2,096	2,325	2,142	1,549	1,241	1,157
1945	Below Normal	1,108	1,184	1,312	1,473	2,076	2,368	2,613	2,875	2,862	2,290	1,813	1,504
1946	Below Normal	1,398	1,486	2,133	2,534	2,739	3,031	3,357	3,538	3,397	2,815	2,317	2,023
1947	Dry	1,850	1,917	2,007	2,073	2,348	2,676	2,832	2,727	2,553	1,939	1,607	1,245
1948	Below Normal	1,248	1,251	1,252	1,520	1,612	1,808	2,467	2,934	3,097	2,565	2,067	1,888
1949	Dry	1,796	1,781	1,797	1,850	1,931	2,217	2,496	2,676	2,452	1,857	1,581	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,998
1951	Above Normal	2,025	2,593	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,839
1952	Wet	1,743	1,751	2,229	2,673	2,832	2,988	3,452	3,538	3,538	3,538	3,527	3,015
1953	Wet	2,890	2,911	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,704	2,178
1954	Above Normal	2,070	2,155	2,188	2,366	2,733	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,634	1,659	1,752	1,880	1,967	2,105	2,178	2,358	2,249	1,681	1,382	1,289
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,159	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,628	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,374	3,304	2,787
1959	Below Normal	2,658	2,679	2,502	2,827	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,518
1960	Dry	1,401	1,333	1,345	1,471	2,068	2,632	2,794	2,874	2,648	2,056	1,629	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,946	2,289	2,793	2,868	2,838	2,228	1,735	1,378
1963	Wet	2,051	2,179	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,435	2,529	2,635	2,544	1,955	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,724	2,178
1966	Below Normal	2,092	2,207	2,329	2,509	2,599	2,827	3,134	3,217	2,950	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,472	2,913
1968	Below Normal	2,800	2,816	2,756	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,636	1,697	1,920	2,788	2,788	3,027	3,470	3,538	3,538	3,314	3,196	2,675
1970	Wet	2,635	2,713	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,562
1971	Wet	1,439	1,643	2,027	2,368	2,636	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,226	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,811	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,673	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,967	1,676	1,358
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,537	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,970	2,174	2,489	2,857	3,083	3,369	3,058	2,497	2,091	1,813
1980	Above Normal	1,791	1,850	1,972	2,813	2,788	3,028	3,296	3,494	3,467	3,112	2,906	2,538
1981	Dry	2,376	2,351	2,397	2,544	2,784	3,024	3,190	3,176	2,868	2,234	1,827	1,600
1982	Wet	1,653	2,584	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,028	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,607	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,590	1,914	1,936	1,749	1,419	1,219	1,066	999
1988	Critical	1,040	1,151	1,448	1,698	1,740	1,826	1,861	1,837	1,649	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,837	1,615
1990	Critical	1,610	1,627	1,481	1,622	1,706	1,970	1,946	1,968	1,883	1,304	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,309	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,464	1,241	1,103	974
1993	Above Normal	1,018	1,052	1,215	1,756	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,063
1994	Critical	1,963	1,978	2,053	2,092	2,201	2,393	2,365	2,334	2,140	1,579	1,298	1,226
1995	Wet	1,197	1,232	1,335	2,604	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,251
1996	Wet	3,119	3,133	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,209	2,615	2,374	1,814
1998	Wet	1,697	1,767	1,967	2,705	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,326	2,700	2,237	1,803
2001	Dry	1,711	1,707	1,498	1,564	1,663	1,873	1,940	1,868	1,583	1,241	1,130	1,039
2002	Dry	1,014	1,091	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,477	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	1
1924	Critical	1	1	1	1	1	1	0	1	1	0	1	1
1925	Dry	1	1	1	1	1	1	1	1	1	1	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	-1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	-1	-1	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0
1934	Critical	0	0	0	0	0	-1	-1	24	24	24	22	22
1935	Below Normal	20	20	20	20	20	20	20	20	20	20	20	19
1936	Below Normal	31	31	35	35	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	-1	-1	-1	-1	-1	-1	-5	-5	-5	-5
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	1	1	1	-36	-35	-34	-32	-35	0
1940	Above Normal	1	2	2	2	2	0	0	0	0	0	0	-1
1941	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	-10	-10	-10
1944	Dry	-10	-10	-10	-10	-10	-10	-10	-10	-3	-2	0	-6
1945	Below Normal	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
1946	Below Normal	-7	-7	-7	-7	-7	-7	-7	0	-10	-9	-12	-12
1947	Dry	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4	-5
1948	Below Normal	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1
1949	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1952	Wet	-2	-2	-2	-2	0	0	0	0	0	0	1	2
1953	Wet	3	4	0	0	0	0	0	0	0	0	-2	-3
1954	Above Normal	-4	-4	-22	-23	-23	0	0	0	0	0	0	0
1955	Dry	4	4	4	4	4	4	4	4	3	3	1	-15
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1959	Below Normal	1	1	-2	-2	0	0	0	0	0	0	0	-6
1960	Dry	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	0
1961	Dry	0	0	0	0	0	0	0	0	0	1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
1968	Below Normal	-2	-2	-8	0	0	0	0	0	0	0	0	0
1969	Wet	-1	-1	-1	0	0	0	0	0	0	-7	-3	-3
1970	Wet	-3	-3	0	0	0	0	0	0	0	0	0	-13
1971	Wet	-13	-13	-13	-13	-13	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	0	95	95	95	95	95	95	96	98	98	98
1980	Above Normal	111	111	111	0	0	0	0	1	2	4	6	74
1981	Dry	76	77	78	78	77	44	44	44	43	47	31	29
1982	Wet	24	24	0	0	0	0	0	0	0	0	0	-1
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	-3	-3	-3	-3
1988	Critical	-3	-3	-3	-3	-3	-3	-3	-3	-3	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	5	12
1990	Critical	11	11	11	11	11	11	11	11	11	10	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1992	Critical	0	0	0	0	0	0	0	0	30	0	1	1
1993	Above Normal	1	1	1	1	1	0	0	0	0	0	0	1
1994	Critical	1	1	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2
1995	Wet	-2	-2	-2	-2	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	8	6	5	5
1998	Wet	5	5	5	5	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	5	5	5	5	5	5	5	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	2	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	2%
1935	Below Normal	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
1936	Below Normal	2%	2%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-3%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-1%
1945	Below Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	5%	5%	4%	3%	3%	3%	3%	4%	5%	6%
1980	Above Normal	7%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1981	Dry	3%	3%	3%	3%	3%	1%	1%	1%	2%	2%	2%	2%
1982	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Oroville Reservoir Release to Feather River (Node C6)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,369	1,613	2,558	3,470	3,733	10,952	9,407	5,047
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,805	4,626	8,233	2,830	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,554	11,053	6,143	6,845
1926	Dry	2,300	1,276	1,766	850	706	1,449	1,510	5,382	8,008	11,660	6,617	3,976
1927	Wet	1,022	1,560	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,288	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,980	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,978	1,659	1,644	1,712	2,169	1,565	4,354	4,800	4,955	3,568	3,065	1,549
1930	Dry	1,243	858	4,434	697	3,795	617	2,226	3,088	7,508	11,426	7,357	6,280
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,319	6,084	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,278	7,166	2,480
1933	Critical	2,408	1,851	850	806	816	4,599	3,603	4,125	5,092	6,324	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,529	887	3,931	4,497	5,189	3,503	3,222	1,690
1935	Below Normal	1,705	841	813	1,398	805	669	1,783	3,427	5,349	11,524	9,902	6,793
1936	Below Normal	3,449	2,530	2,130	1,498	1,799	5,375	2,588	3,334	4,101	11,052	9,659	6,319
1937	Below Normal	4,689	2,649	5,490	1,620	1,524	1,545	2,676	3,614	10,112	10,792	9,733	2,962
1938	Wet	2,375	2,273	1,540	1,513	7,821	19,226	14,276	19,855	11,317	7,059	6,948	11,588
1939	Dry	4,143	2,566	4,873	1,607	1,693	1,587	5,501	5,095	5,652	11,638	7,572	3,886
1940	Above Normal	1,575	1,197	1,137	1,649	1,004	18,870	5,525	3,144	5,913	12,719	10,567	10,129
1941	Wet	3,776	2,495	1,526	1,515	14,683	11,296	4,625	10,666	6,234	10,600	5,281	12,020
1942	Wet	4,146	2,519	5,777	14,192	17,466	2,630	11,198	7,824	9,163	9,200	6,808	11,962
1943	Wet	4,550	2,398	1,529	14,800	7,325	15,925	5,252	3,413	4,833	12,391	10,120	11,950
1944	Dry	4,588	2,735	5,315	2,051	2,017	2,003	3,635	3,641	6,999	11,378	6,787	2,663
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,548	2,972	3,115	4,382	11,412	9,652	6,668
1946	Below Normal	3,342	1,595	1,534	1,524	1,529	1,547	3,243	3,865	5,767	12,098	10,248	6,397
1947	Dry	3,946	1,671	1,531	1,610	1,514	1,538	2,846	4,709	5,708	11,512	7,024	7,332
1948	Below Normal	1,606	1,447	1,357	1,738	1,122	861	1,420	2,625	3,867	11,972	10,168	4,426
1949	Dry	2,473	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,391	6,052	6,857
1950	Below Normal	875	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,448	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,310	9,759
1952	Wet	4,015	2,476	1,535	1,521	10,011	6,936	18,982	22,851	11,669	4,970	3,385	11,192
1953	Wet	4,635	2,550	4,774	20,841	1,520	6,087	6,072	5,485	8,275	12,455	8,150	11,400
1954	Above Normal	4,308	2,473	2,797	2,720	1,522	7,585	7,182	3,408	7,803	12,722	10,116	10,063
1955	Dry	3,683	1,674	1,526	1,540	1,609	1,596	3,524	3,540	5,137	10,918	6,475	2,655
1956	Wet	1,813	1,687	2,173	19,783	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,818	1,594	3,641	3,213	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,665	2,358	1,526	1,509	17,279	11,763	8,509	12,677	9,336	6,922	4,146	11,282
1959	Below Normal	4,706	2,638	6,136	1,460	6,677	2,117	4,228	3,598	6,888	12,375	9,879	5,851
1960	Dry	2,802	2,089	1,148	1,090	967	779	3,948	3,557	6,760	11,425	8,443	7,885
1961	Dry	1,096	1,497	1,582	1,075	962	854	2,977	3,592	5,191	11,323	5,640	1,774
1962	Below Normal	1,432	884	1,392	831	660	587	2,733	5,648	5,381	11,858	9,654	7,341
1963	Wet	1,060	1,019	980	978	15,270	8,109	13,695	5,478	5,944	12,815	9,819	11,346
1964	Dry	3,571	1,625	1,486	1,470	1,494	1,506	4,039	3,314	4,685	11,073	5,854	7,601
1965	Wet	1,904	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,996	7,020	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,462	12,389	10,160	8,176
1967	Wet	3,320	1,587	1,530	1,498	1,517	11,989	2,768	11,876	11,056	4,358	3,915	11,902
1968	Below Normal	4,680	2,444	4,019	1,791	11,573	6,449	3,885	3,639	6,731	12,676	9,396	7,723
1969	Wet	1,947	1,561	1,517	10,266	12,367	6,318	9,203	15,400	6,408	6,389	4,848	11,880
1970	Wet	4,245	2,452	8,959	35,711	10,502	3,980	3,489	3,516	5,132	12,128	9,802	9,808
1971	Wet	4,241	2,614	2,053	2,034	2,017	5,247	6,305	10,580	8,197	11,938	8,963	11,621
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,631	11,629	9,461	7,168
1973	Above Normal	1,693	1,558	1,501	1,498	7,678	5,948	2,899	5,090	6,925	11,338	7,547	8,478
1974	Wet	3,162	1,576	6,850	20,369	5,602	26,162	9,959	8,485	7,265	9,864	3,235	11,261
1975	Wet	4,070	2,397	1,781	1,628	5,595	12,729	2,597	10,973	8,992	10,947	4,172	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,656	3,726	4,096	10,039	5,386	6,806
1977	Critical	2,611	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,307	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,455	6,176	3,614	4,695	10,618	8,787	8,651
1979	Below Normal	4,693	2,450	5,890	1,175	1,063	889	2,473	3,643	8,030	11,377	8,671	6,215
1980	Above Normal	3,111	1,755	1,674	5,045	17,951	5,136	2,882	3,334	3,609	8,168	5,041	9,124
1981	Dry	4,691	2,603	2,900	1,582	1,494	1,486	2,591	3,458	7,289	11,527	7,558	5,641
1982	Wet	1,366	1,067	15,186	8,118	17,776	13,215	20,114	10,722	6,662	6,625	3,901	6,438
1983	Wet	2,902	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,653	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,107	1,248	2,114	1,450	20,968	21,975	2,622	3,539	4,494	11,479	8,745	11,324
1987	Dry	4,752	2,485	5,718	1,650	1,576	1,487	2,791	4,632	6,093	3,577	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,653	4,260	7,513	2,462	2,298
1989	Dry	1,184	1,472	690	658	964	577	2,613	5,210	6,906	10,832	6,859	5,230
1990	Critical	2,577	2,470	4,736	666	662	571	3,740	2,223	3,719	10,503	2,238	2,638
1991	Critical	1,489	685	1,200	872	1,061	1,089	1,678	2,045	4,749	8,887	2,214	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,118	4,202	6,265	4,100	3,382	3,876
1993	Above Normal	1,137	780	738	1,302	668	8,397	4,955	9,632	6,981	12,104	10,093	10,425
1994	Critical	4,324	2,357	2,155	1,067	985	792	3,509	3,042	4,140	10,197	5,634	2,812
1995	Wet	2,127	1,104	1,647	945	7,158	33,839	14,288	20,071	13,364	5,209	4,538	6,539
1996	Wet	4,664	2,456	4,922	12,003	20,967	9,934	7,955	11,925	5,514	11,717	6,573	11,449
1997	Wet	4,176	2,519	13,659	40,731	10,066	5,233	3,511	3,376	4,907	11,436	6,109	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,835	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,149	2,909	3,382	4,233	11,408	5,526	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,770	9,179	2,357	3,695	6,757	12,840	9,846	9,545
2001	Dry	3,941	2,462	6,269	1,585	1,556	1,463	2,773	4,631	6,179	6,847	2,979	2,573
2002	Dry	2,629	1,231	1,654	995	1,077	775	3,309	2,827	4,374	10,778	3,487	5,900
2003	Above Normal	2,325	1,846	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,425	10,266

Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,377	1,613	2,558	3,470	3,733	10,951	9,406	5,033
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,797	4,629	8,245	2,821	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,552	11,053	6,147	6,847
1926	Dry	2,304	1,276	1,766	853	706	1,450	1,510	5,383	8,012	11,660	6,628	3,957
1927	Wet	1,021	1,559	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,289	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,978	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,977	1,660	1,644	1,711	2,170	1,565	4,354	4,801	4,955	3,568	3,066	1,549
1930	Dry	1,243	858	4,434	697	3,796	617	2,226	3,088	7,510	11,426	7,357	6,281
1931	Critical	1,785	864	840	791	797	684	4,795	3,499	4,321	6,074	3,447	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,279	7,169	2,480
1933	Critical	2,411	1,854	850	806	816	4,599	3,603	4,125	5,095	6,308	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,530	894	3,937	4,096	5,188	3,502	3,245	1,697
1935	Below Normal	1,729	845	814	1,398	805	669	1,783	3,426	5,348	11,526	9,905	6,796
1936	Below Normal	3,256	2,528	2,072	1,498	2,410	5,375	2,588	3,334	4,101	11,053	9,660	6,319
1937	Below Normal	4,689	2,649	5,497	1,620	1,524	1,545	2,676	3,614	10,185	10,793	9,734	2,962
1938	Wet	2,294	2,273	1,540	1,511	7,823	19,226	14,276	19,855	11,317	7,060	6,949	11,588
1939	Dry	4,143	2,566	4,864	1,604	1,688	1,579	6,136	5,077	5,638	11,610	7,622	3,291
1940	Above Normal	1,560	1,187	1,133	1,649	1,004	18,900	5,525	3,144	5,913	12,719	10,572	10,133
1941	Wet	3,779	2,495	1,526	1,515	14,669	11,296	4,625	10,666	6,234	10,552	5,282	12,019
1942	Wet	4,145	2,519	5,773	14,192	17,466	2,630	11,198	7,824	9,163	9,201	6,814	11,962
1943	Wet	4,550	2,398	1,529	14,793	7,325	15,925	5,252	3,412	4,834	12,555	10,117	11,948
1944	Dry	4,586	2,734	5,313	2,051	2,017	2,003	3,636	3,641	6,881	11,369	6,753	2,766
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,547	2,972	3,116	4,381	11,418	9,650	6,667
1946	Below Normal	3,348	1,595	1,534	1,523	1,529	1,547	3,243	3,757	5,943	12,073	10,291	6,399
1947	Dry	3,851	1,670	1,531	1,610	1,514	1,538	2,846	4,711	5,709	11,514	6,995	7,351
1948	Below Normal	1,517	1,447	1,357	1,739	1,145	861	1,420	2,625	3,867	11,972	10,169	4,426
1949	Dry	2,477	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,392	6,046	6,836
1950	Below Normal	874	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,447	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,311	9,795
1952	Wet	4,015	2,476	1,535	1,521	9,972	6,936	18,982	22,851	11,669	4,970	3,372	11,175
1953	Wet	4,613	2,535	4,840	20,841	1,525	6,083	6,072	5,485	8,275	12,461	8,172	11,413
1954	Above Normal	4,324	2,485	3,093	2,722	1,524	7,217	7,182	3,408	7,803	12,724	10,118	10,064
1955	Dry	3,617	1,675	1,526	1,540	1,610	1,596	3,524	3,541	5,138	10,920	6,516	2,926
1956	Wet	1,563	1,688	2,174	19,781	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,819	1,594	3,642	3,211	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,664	2,358	1,526	1,509	17,280	11,763	8,509	12,677	9,336	6,925	4,147	11,269
1959	Below Normal	4,705	2,638	6,176	1,460	6,643	2,117	4,228	3,598	6,891	12,377	9,881	5,953
1960	Dry	2,803	2,090	1,148	1,090	967	779	3,950	3,557	6,760	11,425	8,453	7,762
1961	Dry	1,096	1,497	1,582	1,075	962	855	2,977	3,592	5,191	11,311	5,646	1,774
1962	Below Normal	1,432	884	1,397	825	660	587	2,733	5,649	5,381	11,858	9,655	7,341
1963	Wet	1,060	1,019	980	978	15,275	8,109	13,695	5,478	5,944	12,815	9,819	11,347
1964	Dry	3,572	1,625	1,486	1,470	1,494	1,506	4,040	3,314	4,686	11,073	5,853	7,602
1965	Wet	1,900	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,992	7,021	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,464	12,389	10,161	8,174
1967	Wet	3,321	1,587	1,530	1,498	1,517	11,991	2,768	11,876	11,056	4,358	3,915	11,941
1968	Below Normal	4,680	2,444	4,103	1,668	11,573	6,449	3,885	3,640	6,732	12,676	9,396	7,724
1969	Wet	1,958	1,561	1,517	10,252	12,367	6,318	9,203	15,400	6,408	6,507	4,781	11,880
1970	Wet	4,245	2,452	8,908	35,711	10,502	3,980	3,489	3,516	5,134	12,127	9,801	10,026
1971	Wet	4,240	2,613	2,053	2,034	2,017	5,036	6,305	10,580	8,197	11,938	8,960	11,622
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,632	11,629	9,461	7,169
1973	Above Normal	1,693	1,558	1,501	1,498	7,679	5,948	2,899	5,090	6,925	11,337	7,547	8,478
1974	Wet	3,170	1,576	6,844	20,369	5,602	26,162	9,959	8,485	7,265	9,865	3,235	11,261
1975	Wet	4,070	2,397	1,779	1,628	5,597	12,729	2,597	10,973	8,992	10,947	4,173	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,657	3,727	4,097	10,052	5,386	6,806
1977	Critical	2,598	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,308	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,454	6,176	3,612	4,696	10,620	8,789	8,653
1979	Below Normal	4,688	2,447	4,349	1,175	1,064	886	2,471	3,641	8,007	11,343	8,668	6,211
1980	Above Normal	2,905	1,752	1,672	6,858	17,951	5,136	2,875	3,326	3,597	8,135	5,007	7,973
1981	Dry	4,667	2,586	2,880	1,586	1,502	2,022	2,595	3,464	7,291	11,461	7,819	5,678
1982	Wet	1,444	1,076	15,572	8,118	17,776	13,215	20,114	10,722	6,662	6,628	3,901	6,445
1983	Wet	2,892	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,654	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,534	6,585	11,555	5,903	6,272
1986	Wet	4,105	1,248	2,116	1,450	20,968	21,973	2,622	3,539	4,494	11,479	8,746	11,324
1987	Dry	4,752	2,485	5,722	1,650	1,576	1,487	2,791	4,631	6,144	3,578	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,654	4,260	7,458	2,461	2,299
1989	Dry	1,185	1,472	690	658	964	576	2,613	5,209	6,906	10,833	6,781	5,112
1990	Critical	2,588	2,470	4,739	666	662	571	3,740	2,223	3,720	10,515	2,405	2,640
1991	Critical	1,490	685	1,200	872	1,058	1,091	1,678	2,045	4,748	8,895	2,204	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,117	4,201	5,753	4,596	3,372	3,875
1993	Above Normal	1,136	779	737	1,302	668	8,410	4,955	9,632	6,981	12,100	10,090	10,424
1994	Critical	4,325	2,357	2,217	1,067	985	792	3,509	3,042	4,140	10,185	5,626	2,812
1995	Wet	2,127	1,104	1,647	945	7,123	33,839	14,288	20,071	13,364	5,209	4,538	6,546
1996	Wet	4,664	2,456	4,915	12,003	20,967	9,934	7,955	11,925	5,514	11,654	6,576	11,450
1997	Wet	4,176	2,519	13,656	40,731	10,066	5,233	3,511	3,376	4,767	11,482	6,110	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,933	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,148	2,909	3,382	4,233	11,408	5,527	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,768	9,179	2,357	3,695	6,757	12,840	9,847	9,545
2001	Dry	3,941	2,462	6,181	1,585	1,556	1,463	2,773	4,632	6,179	6,935	2,979	2,573
2002	Dry	2,629	1,232	1,654	995	1,077	775	3,309	2,827	4,374	10,779	3,448	5,939
2003	Above Normal	2,326	1,845	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,426	10,267

Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	8	0	0	0	0	-2	-1	-14
1924	Critical	0	0	0	0	0	0	0	-7	3	12	-9	0
1925	Dry	0	0	0	0	0	0	0	0	-2	1	4	3
1926	Dry	4	0	0	2	0	1	0	0	4	0	11	-19
1927	Wet	0	0	0	0	0	0	0	0	0	1	0	0
1928	Above Normal	0	0	0	0	0	-1	0	0	0	0	0	0
1929	Critical	-1	1	0	-1	1	0	0	1	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	2	0	0	1
1931	Critical	0	0	0	0	0	0	0	2	1	-11	1	0
1932	Dry	0	0	0	0	0	0	0	0	0	2	3	0
1933	Critical	3	3	0	0	0	0	0	0	3	-16	0	0
1934	Critical	0	0	0	0	1	7	5	-401	-1	-1	23	7
1935	Below Normal	25	4	2	0	0	0	-1	-1	-1	2	3	3
1936	Below Normal	-193	-2	-58	0	611	0	0	0	0	1	1	0
1937	Below Normal	0	0	7	0	0	0	0	0	73	1	1	0
1938	Wet	-81	0	0	-2	2	0	0	0	0	0	1	0
1939	Dry	0	0	-9	-3	-5	-8	635	-19	-14	-28	50	-595
1940	Above Normal	-15	-10	-4	0	0	30	0	0	0	0	5	3
1941	Wet	3	0	0	0	-13	0	0	0	0	-48	2	-1
1942	Wet	0	0	-4	0	0	0	0	0	0	1	6	0
1943	Wet	0	0	0	-7	0	0	0	0	0	164	-2	-1
1944	Dry	-1	-1	-2	0	0	0	0	0	-118	-9	-34	103
1945	Below Normal	0	0	0	0	0	-1	0	0	-1	7	-1	-1
1946	Below Normal	6	0	0	0	0	0	0	-108	176	-25	43	2
1947	Dry	-95	0	0	0	0	0	0	2	2	2	-29	19
1948	Below Normal	-89	0	0	0	23	0	0	0	0	0	0	-1
1949	Dry	4	0	0	0	0	0	0	0	0	0	-6	-21
1950	Below Normal	0	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-1	0	0	0	0	0	1	0	0	37
1952	Wet	0	0	0	0	-39	0	0	0	0	0	-13	-17
1953	Wet	-22	-15	66	0	4	-4	0	0	0	6	22	13
1954	Above Normal	16	11	296	2	1	-368	0	1	0	1	1	1
1955	Dry	-67	1	1	0	1	1	1	1	1	2	41	271
1956	Wet	-249	1	1	-2	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	-2	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	3	0	-13
1959	Below Normal	0	0	40	0	-34	0	0	0	2	2	2	102
1960	Dry	2	1	0	0	0	0	2	0	0	0	9	-123
1961	Dry	0	0	0	0	0	0	0	0	0	-12	6	0
1962	Below Normal	0	0	6	-6	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	5	0	0	0	0	0	0	1
1964	Dry	1	0	0	0	0	0	1	0	0	0	-1	1
1965	Wet	-4	0	0	0	0	0	0	0	0	-5	1	0
1966	Below Normal	0	0	0	0	0	0	0	0	1	0	1	-1
1967	Wet	1	0	0	0	0	2	0	0	0	0	1	39
1968	Below Normal	0	0	84	-123	0	0	0	0	1	0	1	0
1969	Wet	11	0	0	-13	0	0	0	0	0	119	-67	0
1970	Wet	0	0	-51	0	0	0	0	0	2	-1	0	218
1971	Wet	-1	0	0	0	0	-210	0	0	0	0	-3	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	1
1973	Above Normal	0	0	0	0	1	0	0	0	0	-2	0	0
1974	Wet	8	0	-7	0	0	0	0	0	0	1	0	0
1975	Wet	0	0	-2	0	2	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	13	-1	0
1977	Critical	-13	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	-1	0	-1	2	2	3	3
1979	Below Normal	-4	-3	-1,542	0	0	-2	-1	-2	-22	-34	-3	-4
1980	Above Normal	-207	-4	-2	1,813	0	0	-6	-8	-12	-33	-34	-1,151
1981	Dry	-24	-17	-20	4	8	536	4	6	3	-66	261	37
1982	Wet	77	9	386	0	0	0	0	0	0	3	0	7
1983	Wet	-10	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-2	0	2	0	0	-2	0	0	0	0	0	0
1987	Dry	0	0	4	0	0	0	0	-1	52	0	0	0
1988	Critical	0	0	0	0	0	0	0	1	1	-55	0	0
1989	Dry	0	0	0	0	0	0	0	-1	-1	0	-78	-119
1990	Critical	10	0	3	0	0	0	0	0	1	12	167	2
1991	Critical	0	0	0	0	-3	2	0	0	-1	8	-10	0
1992	Critical	0	0	0	0	0	0	0	-1	-512	496	-11	-1
1993	Above Normal	-1	0	0	0	0	12	0	0	0	-4	-4	-1
1994	Critical	0	0	63	0	0	0	0	0	0	-13	-8	0
1995	Wet	0	0	0	0	-35	0	0	0	0	0	0	7
1996	Wet	0	0	-7	0	0	0	0	0	0	-63	3	0
1997	Wet	0	0	-3	0	0	0	0	0	-141	46	1	1
1998	Wet	0	0	0	0	98	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	1	0
2000	Above Normal	0	0	1	0	-1	0	0	0	0	0	1	1
2001	Dry	-1	0	-88	0	0	0	0	0	0	87	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	-39	40
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	1%	0%	-9%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-6%	0%	-3%	0%	34%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	12%	0%	0%	0%	1%	-15%
1940	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1947	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-6%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	11%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%
1956	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	2%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%	0%
1970	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1971	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	0%	0%	36%	0%	0%	0%	0%	0%	0%	-1%	-13%
1981	Dry	-1%	-1%	-1%	0%	1%	36%	0%	0%	0%	-1%	3%	1%
1982	Wet	6%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-8%	12%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	758	648
1924	Critical	541	478	409	351	358	347	342	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	541
1926	Dry	525	488	452	411	575	649	800	789	612	474	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	481	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	303	265	291	344	406	465	464	404	340	304
1930	Dry	285	267	407	489	557	670	770	792	675	480	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	507	315	279	243
1934	Critical	259	236	339	447	544	666	606	466	243	194	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	673	661	598	419	360	361
1940	Above Normal	343	317	304	575	562	634	800	975	972	743	674	462
1941	Wet	428	350	531	575	574	669	800	975	975	950	800	590
1942	Wet	575	494	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	782	767	557
1944	Dry	497	400	349	320	383	510	570	676	600	488	435	395
1945	Below Normal	363	432	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	556	575	575	571	563	659	800	975	975	751	669	645
1947	Dry	547	562	559	512	575	672	764	792	655	500	424	380
1948	Below Normal	386	376	345	416	416	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	644	522	559	574	566	634	800	975	975	907	800	650
1954	Above Normal	599	538	520	548	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	526	603	739	733	615	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	644
1959	Below Normal	621	509	444	498	575	666	756	786	736	440	389	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	539
1961	Dry	487	453	417	355	372	439	508	585	587	379	320	312
1962	Below Normal	292	285	311	327	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	440
1965	Wet	402	414	388	384	408	564	800	975	975	798	797	592
1966	Below Normal	508	516	507	529	536	651	800	855	798	502	468	465
1967	Wet	417	440	575	570	555	646	800	975	975	950	800	623
1968	Below Normal	619	547	538	566	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	383
1971	Wet	350	468	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	563
1974	Wet	562	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	499	480	479	575	673	800	975	975	924	800	632
1976	Critical	672	530	494	440	416	445	463	493	473	437	415	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	600	546	495	566	575	668	800	975	824	680	651	641
1980	Above Normal	600	575	575	460	427	628	800	975	975	950	800	589
1981	Dry	570	475	432	434	441	594	688	720	656	452	406	402
1982	Wet	388	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	445	384	346	381	502	560	552	457	305	253	268
1988	Critical	256	257	331	438	446	476	532	540	476	403	349	334
1989	Dry	317	388	439	471	521	653	800	823	620	463	424	418
1990	Critical	422	407	364	375	396	501	571	587	545	447	395	378
1991	Critical	314	263	205	144	104	298	432	559	571	474	313	248
1992	Critical	255	256	261	251	423	570	604	543	434	115	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	630
1994	Critical	600	498	460	397	401	435	482	526	523	436	383	339
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	510	575	562	478	628	800	975	975	863	800	608
1997	Wet	534	484	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	465	410	571	563	667	800	975	930	660	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	484	408	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	540
2003	Above Normal	479	463	566	568	554	636	800	975	975	739	714	586

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 4 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	759	648
1924	Critical	542	478	409	352	359	348	343	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	540
1926	Dry	525	488	452	411	575	649	800	789	612	473	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	480	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	302	264	291	344	406	465	464	404	340	303
1930	Dry	285	267	407	489	557	670	770	792	675	479	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	508	316	280	243
1934	Critical	254	231	334	442	539	661	602	461	239	190	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	648	641	582	402	353	354
1940	Above Normal	339	316	305	575	562	634	800	975	972	743	674	463
1941	Wet	428	351	533	575	574	669	800	975	975	950	800	590
1942	Wet	574	489	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	786	771	561
1944	Dry	514	403	350	323	386	513	573	678	595	487	434	395
1945	Below Normal	363	433	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	558	575	575	571	563	659	800	975	975	751	669	633
1947	Dry	535	550	547	500	566	672	764	792	656	500	424	380
1948	Below Normal	386	376	345	416	417	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	645	500	536	574	566	634	800	975	975	907	800	650
1954	Above Normal	600	540	522	550	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	525	603	739	733	614	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	645
1959	Below Normal	621	491	427	480	575	666	756	786	736	440	388	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	537
1961	Dry	485	452	415	353	370	437	506	583	585	377	317	310
1962	Below Normal	290	284	311	328	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	439
1965	Wet	402	414	388	384	408	564	800	975	975	799	798	593
1966	Below Normal	509	518	509	530	537	653	800	855	797	501	468	464
1967	Wet	416	440	575	570	555	646	800	975	975	950	800	621
1968	Below Normal	616	523	517	545	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	382
1971	Wet	350	467	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	558
1974	Wet	557	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	501	482	480	575	673	800	975	975	924	800	632
1976	Critical	672	529	494	439	416	445	463	492	473	437	414	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	599	512	461	533	575	668	800	975	823	656	628	618
1980	Above Normal	579	573	575	460	427	628	800	975	975	950	800	587
1981	Dry	569	468	426	427	434	587	682	714	650	448	403	399
1982	Wet	385	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	444	384	346	381	502	560	552	460	305	254	268
1988	Critical	256	258	332	439	445	475	531	539	475	402	348	334
1989	Dry	316	388	439	471	522	653	800	823	619	462	423	417
1990	Critical	421	406	363	374	395	501	570	586	545	446	398	381
1991	Critical	316	264	204	143	102	296	428	554	566	470	307	243
1992	Critical	250	251	256	246	418	564	598	539	427	108	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	631
1994	Critical	600	498	461	397	401	435	482	526	523	435	382	338
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	483	565	562	478	628	800	975	975	862	800	607
1997	Wet	537	486	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	843	800	600
2000	Above Normal	567	464	410	571	563	667	800	975	930	659	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	483	409	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	539
2003	Above Normal	478	462	565	568	554	636	800	975	975	739	714	586

Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 4 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	-1	-1	0	0	0	0	1	0
1924	Critical	1	1	1	1	1	1	1	1	1	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	1	1	1
1934	Critical	-4	-5	-5	-5	-5	-5	-5	-5	-4	-4	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	-25	-20	-16	-18	-7	-7
1940	Above Normal	-4	-1	2	0	0	0	0	0	0	0	0	0
1941	Wet	0	1	1	0	0	0	0	0	0	0	0	0
1942	Wet	-1	-4	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	4	4	4
1944	Dry	17	3	1	3	3	3	3	2	-5	-2	-1	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-12
1947	Dry	-12	-12	-12	-12	-9	0	0	0	1	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	1	-23	-23	0	0	0	0	0	0	0	0	0
1954	Above Normal	1	2	2	2	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	-18	-18	-18	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1961	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
1962	Below Normal	-1	0	0	1	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	1	1	1
1966	Below Normal	1	2	2	2	2	2	0	0	0	-1	-1	-1
1967	Wet	-1	0	0	0	0	0	0	0	0	0	0	-3
1968	Below Normal	-3	-24	-21	-21	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	-1
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-5
1974	Wet	-5	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	1	1	1	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-1
1979	Below Normal	-1	-34	-34	-34	0	0	0	0	-1	-24	-23	-23
1980	Above Normal	-21	-2	0	0	0	0	0	0	0	0	0	-1
1981	Dry	-1	-7	-7	-7	-7	-7	-6	-6	-5	-5	-3	-3
1982	Wet	-3	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	3	0	0	0
1988	Critical	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
1989	Dry	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1990	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3
1991	Critical	2	1	0	-1	-2	-3	-4	-4	-4	-3	-6	-5
1992	Critical	-5	-5	-5	-5	-5	-5	-5	-5	-7	-6	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	-27	-10	0	0	0	0	0	0	0	0	0
1997	Wet	3	2	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	1	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-1	-1	-1	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-2%	-2%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-4%	-2%	-2%
1940	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1944	Dry	3%	1%	0%	1%	1%	1%	0%	0%	-1%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-4%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-6%	-7%	-6%	0%	0%	0%	0%	0%	-3%	-4%	-4%
1980	Above Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1991	Critical	1%	0%	0%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1992	Critical	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-6%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-5%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Folsom Reservoir Release to American River (Node C8)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,758	5,476	4,489	4,572	1,901	2,936	4,395	2,794	5,109	2,011	3,480
1924	Critical	3,004	1,984	2,046	1,746	1,495	848	863	869	625	634	628	581
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,760	5,110	3,866	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,506	848	3,413	1,593	3,389	2,692	1,876	907
1927	Wet	1,555	1,604	1,615	3,521	13,407	4,518	7,605	4,583	5,234	4,780	2,151	3,460
1928	Above Normal	2,031	4,674	2,050	1,798	1,790	11,904	4,703	1,827	2,901	5,104	2,463	2,251
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,388	1,657	1,668	1,662	1,582
1930	Dry	1,050	1,083	1,111	1,067	1,072	2,615	1,814	1,822	3,156	3,990	1,980	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	905	821	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,373	3,256	3,982
1933	Critical	2,152	2,685	2,041	1,739	1,489	1,488	1,738	1,510	3,634	3,959	1,794	1,606
1934	Critical	850	1,513	832	821	822	573	2,597	3,064	4,195	887	1,687	750
1935	Below Normal	971	928	839	860	895	1,775	5,709	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,805	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,824
1938	Wet	1,560	2,066	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,981
1939	Dry	1,569	2,307	2,052	1,750	1,495	845	870	1,447	1,572	2,980	1,105	886
1940	Above Normal	1,426	1,423	1,411	2,850	10,515	10,581	6,085	3,025	1,858	5,120	2,594	5,102
1941	Wet	1,785	2,761	1,871	4,992	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,610	3,065	4,284	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,998
1943	Wet	1,660	4,969	3,282	10,773	7,288	11,930	5,137	2,416	2,913	5,107	1,862	5,103
1944	Dry	2,219	2,764	2,014	1,789	1,478	1,463	1,508	1,520	2,883	3,004	2,437	1,726
1945	Below Normal	1,558	1,638	1,665	1,668	7,698	2,034	2,128	3,352	2,574	5,113	2,597	2,906
1946	Below Normal	2,673	2,894	8,793	5,116	2,592	3,044	3,445	3,499	1,880	5,120	2,804	1,969
1947	Dry	2,866	1,989	2,050	1,751	1,544	2,426	1,185	1,196	3,255	3,059	2,113	1,687
1948	Below Normal	1,558	1,582	1,581	1,350	1,156	1,781	1,790	3,277	4,941	3,497	2,671	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,871	3,424	2,257
1950	Below Normal	1,568	1,988	2,050	1,791	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,842	15,858	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,154
1952	Wet	1,569	2,628	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,452
1953	Wet	1,605	3,645	2,047	6,883	2,333	1,801	2,509	2,703	6,179	4,109	3,546	4,118
1954	Above Normal	2,098	3,053	2,052	1,748	2,925	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,979	1,494	1,509	1,519	1,841	2,969	2,609	1,620
1956	Wet	1,560	1,971	16,306	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,357	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,264
1959	Below Normal	1,571	3,270	2,052	1,745	1,870	866	878	886	1,534	5,114	1,020	894
1960	Dry	1,556	1,638	1,688	1,442	1,256	3,029	2,062	1,564	1,564	2,138	2,515	1,707
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	923	930	949	3,300	949	939
1962	Below Normal	1,019	1,051	1,078	853	2,504	2,004	3,770	1,910	1,857	5,120	3,082	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,579	1,863	3,513
1964	Dry	2,339	4,336	2,050	2,487	1,802	1,752	1,768	1,776	1,840	3,511	2,502	1,689
1965	Wet	1,559	1,738	20,139	12,972	5,358	1,797	5,473	3,602	3,521	5,108	1,861	5,102
1966	Below Normal	2,735	2,149	2,043	1,789	1,791	862	1,479	890	1,276	5,046	1,193	904
1967	Wet	1,570	1,762	2,608	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,805
1968	Below Normal	1,571	3,310	2,100	1,743	6,726	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,751	5,068	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,018	3,954
1971	Wet	1,531	1,679	4,339	4,731	3,437	3,980	2,359	3,478	4,884	3,816	2,947	4,420
1972	Below Normal	1,570	3,240	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,764	9,256	7,075	3,446	2,221	4,158	3,261	4,789	1,862	3,115
1974	Wet	1,568	6,541	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,486	2,050	1,748	2,505	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,474	2,052	1,752	1,501	850	861	868	927	1,105	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,557	4,188	3,677	4,108	4,884	1,863	3,781
1979	Below Normal	1,583	2,336	2,051	1,732	3,414	3,421	1,812	4,181	4,018	3,620	1,846	1,621
1980	Above Normal	2,102	2,301	2,297	17,656	13,166	3,701	2,888	2,837	3,107	2,833	4,132	5,077
1981	Dry	1,571	3,029	2,050	1,784	1,800	826	877	887	1,393	3,385	1,126	899
1982	Wet	1,566	4,746	13,884	7,885	15,728	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,170	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,055	2,413	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,880
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,105	1,798	2,417	855	802
1988	Critical	856	931	859	812	1,170	966	611	779	1,236	1,141	803	769
1989	Dry	924	917	902	906	833	8,941	4,316	3,467	4,826	3,316	2,025	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,039	1,650	1,204
1991	Critical	1,535	1,492	1,519	1,298	1,104	1,049	1,171	1,143	1,977	2,915	3,366	1,575
1992	Critical	854	851	835	834	819	444	1,352	1,519	1,696	5,062	594	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,791	2,654	3,982
1994	Critical	1,856	3,208	2,051	1,752	1,503	1,093	1,110	1,115	1,667	1,832	1,180	1,159
1995	Wet	1,312	1,341	1,357	10,300	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	2,784	2,303	5,527	13,720	6,453	4,730	8,092	3,157	3,773	2,500	4,883
1997	Wet	2,614	3,746	12,865	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,514
1998	Wet	1,440	1,451	1,422	4,887	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,134	2,258	4,992
2000	Above Normal	1,820	3,252	2,052	2,149	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,633	2,360	2,050	1,744	1,467	837	855	879	1,373	2,234	1,263	887
2002	Dry	1,223	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,891	2,654	1,709
2003	Above Normal	1,644	1,988	2,016	3,387	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,590

Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,759	5,475	4,489	4,584	1,901	2,926	4,396	2,795	5,108	2,001	3,493
1924	Critical	2,992	1,984	2,046	1,746	1,495	848	863	869	628	638	631	585
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,762	5,109	3,870	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,500	848	3,413	1,593	3,397	2,691	1,874	907
1927	Wet	1,555	1,603	1,614	3,520	13,407	4,518	7,605	4,583	5,234	4,781	2,151	3,460
1928	Above Normal	2,031	4,676	2,050	1,798	1,790	11,902	4,703	1,827	2,902	5,104	2,464	2,252
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,387	1,657	1,668	1,662	1,582
1930	Dry	1,049	1,082	1,110	1,066	1,072	2,616	1,814	1,822	3,154	3,993	1,979	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	907	819	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,370	3,259	3,982
1933	Critical	2,150	2,682	2,041	1,739	1,489	1,488	1,738	1,510	3,631	3,957	1,794	1,606
1934	Critical	933	1,523	832	821	822	569	2,595	3,064	4,192	887	1,618	750
1935	Below Normal	971	928	839	860	895	1,775	5,710	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,804	1,981	2,044	1,734	2,691	4,337	4,236	3,782	2,150	5,103	1,846	3,822
1938	Wet	1,560	2,067	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,984
1939	Dry	1,569	2,306	2,052	1,750	1,495	844	1,299	1,360	1,507	3,018	936	886
1940	Above Normal	1,380	1,376	1,365	2,875	10,516	10,581	6,085	3,025	1,858	5,120	2,588	5,102
1941	Wet	1,787	2,740	1,872	5,014	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,626	3,123	4,213	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,999
1943	Wet	1,660	4,963	3,287	10,773	7,288	11,930	5,137	2,416	2,913	5,037	1,862	5,103
1944	Dry	2,012	3,003	2,043	1,760	1,478	1,463	1,508	1,521	3,002	2,956	2,415	1,711
1945	Below Normal	1,558	1,640	1,668	1,671	7,695	2,034	2,129	3,353	2,575	5,112	2,599	2,907
1946	Below Normal	2,653	2,916	8,793	5,117	2,592	3,044	3,445	3,499	1,880	5,120	2,804	2,165
1947	Dry	2,866	1,989	2,050	1,751	1,497	2,280	1,188	1,199	3,240	3,061	2,127	1,682
1948	Below Normal	1,558	1,581	1,580	1,349	1,155	1,781	1,790	3,278	4,941	3,496	2,673	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,872	3,423	2,262
1950	Below Normal	1,568	1,988	2,050	1,787	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,848	15,851	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,152
1952	Wet	1,569	2,629	4,282	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,449
1953	Wet	1,593	4,040	2,047	6,516	2,333	1,801	2,511	2,703	6,179	4,110	3,544	4,118
1954	Above Normal	2,084	3,039	2,052	1,748	2,956	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,982	1,494	1,509	1,519	1,841	2,973	2,599	1,620
1956	Wet	1,560	1,972	16,308	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,358	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,256
1959	Below Normal	1,571	3,573	2,052	1,745	1,554	866	878	886	1,535	5,114	1,016	895
1960	Dry	1,550	1,642	1,686	1,440	1,255	3,027	2,066	1,564	1,564	2,139	2,513	1,733
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	924	931	949	3,306	949	940
1962	Below Normal	1,005	1,038	1,064	842	2,525	2,004	3,770	1,910	1,857	5,120	3,081	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,580	1,863	3,513
1964	Dry	2,339	4,334	2,050	2,488	1,802	1,752	1,768	1,776	1,840	3,512	2,503	1,690
1965	Wet	1,559	1,738	20,137	12,972	5,358	1,797	5,473	3,602	3,521	5,095	1,861	5,102
1966	Below Normal	2,733	2,135	2,043	1,789	1,791	862	1,507	890	1,277	5,059	1,190	904
1967	Wet	1,570	1,759	2,600	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,851
1968	Below Normal	1,571	3,670	2,050	1,743	6,362	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,753	5,067	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,018	3,965
1971	Wet	1,528	1,680	4,332	4,731	3,437	3,980	2,359	3,478	4,884	3,813	2,950	4,418
1972	Below Normal	1,570	3,242	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,763	9,256	7,075	3,446	2,221	4,158	3,261	4,785	1,862	3,200
1974	Wet	1,568	6,461	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,463	2,050	1,748	2,529	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,479	2,052	1,752	1,501	850	861	868	926	1,102	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,558	4,188	3,677	4,108	4,883	1,863	3,791
1979	Below Normal	1,595	2,879	2,051	1,732	2,811	3,421	1,814	4,183	4,034	3,993	1,846	1,621
1980	Above Normal	2,075	1,980	2,267	17,657	13,167	3,701	2,888	2,837	3,107	2,833	4,132	5,102
1981	Dry	1,571	3,116	2,050	1,784	1,800	826	876	886	1,385	3,379	1,111	898
1982	Wet	1,565	4,696	13,885	7,886	15,730	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,171	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,056	2,414	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,881
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,109	1,742	2,463	855	802
1988	Critical	856	931	859	812	1,194	970	611	778	1,237	1,138	803	769
1989	Dry	918	912	896	901	833	8,949	4,316	3,473	4,835	3,318	2,022	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,037	1,593	1,204
1991	Critical	1,550	1,509	1,538	1,314	1,118	1,062	1,184	1,157	1,977	2,902	3,399	1,575
1992	Critical	854	851	835	834	819	444	1,353	1,506	1,732	5,062	383	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,788	2,650	3,983
1994	Critical	1,861	3,203	2,051	1,752	1,503	1,094	1,111	1,116	1,674	1,845	1,174	1,160
1995	Wet	1,309	1,338	1,354	10,302	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	3,231	2,040	5,358	13,720	6,453	4,730	8,092	3,157	3,775	2,499	4,885
1997	Wet	2,569	3,750	12,904	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,510
1998	Wet	1,443	1,450	1,424	4,886	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,135	2,257	4,992
2000	Above Normal	1,823	3,254	2,052	2,144	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,632	2,360	2,050	1,744	1,467	837	855	879	1,379	2,232	1,251	887
2002	Dry	1,232	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,892	2,654	1,734
2003	Above Normal	1,633	1,988	2,016	3,373	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,591

Change in Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	1	-1	0	12	0	-10	1	1	0	-11	13
1924	Critical	-12	0	0	0	0	0	0	0	3	3	3	3
1925	Dry	0	0	0	0	0	0	0	0	2	0	4	0
1926	Dry	0	0	0	0	-6	0	0	0	8	-1	-2	0
1927	Wet	0	-1	-1	0	0	0	0	0	0	1	0	0
1928	Above Normal	0	2	0	0	0	-2	0	0	1	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	1	0	0	-2	3	-1	0
1931	Critical	0	0	0	0	0	0	0	0	0	2	-2	0
1932	Dry	0	0	0	0	0	0	0	0	0	-3	3	0
1933	Critical	-2	-3	0	0	0	0	0	0	-3	-2	0	0
1934	Critical	83	10	0	0	0	-4	-2	0	-4	0	-69	0
1935	Below Normal	0	0	0	0	0	0	1	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	-1	0	0	0	1	0	0	0	0	0	0	-1
1938	Wet	0	1	0	0	0	0	0	0	0	0	0	3
1939	Dry	0	-1	0	0	0	-1	428	-88	-64	38	-169	0
1940	Above Normal	-46	-46	-46	25	1	0	0	0	0	0	-6	0
1941	Wet	2	-21	2	22	0	0	0	0	0	0	0	0
1942	Wet	16	58	-72	0	0	0	0	0	0	0	0	0
1943	Wet	0	-6	5	0	0	0	0	0	0	-69	0	0
1944	Dry	-207	239	29	-29	0	0	0	0	119	-48	-22	-16
1945	Below Normal	0	2	3	3	-3	0	1	1	1	0	2	1
1946	Below Normal	-20	22	0	0	0	0	0	0	0	0	0	196
1947	Dry	0	0	0	0	-47	-145	3	3	-15	2	15	-5
1948	Below Normal	0	-1	-1	-1	-1	0	0	1	0	-1	1	0
1949	Dry	0	0	0	0	0	0	0	0	0	1	-1	5
1950	Below Normal	0	0	0	-5	0	0	0	0	0	0	0	0
1951	Above Normal	6	-6	0	0	0	0	0	0	0	0	0	-2
1952	Wet	0	1	1	0	0	0	0	0	0	0	0	-2
1953	Wet	-12	394	0	-367	0	-1	2	0	0	2	-2	0
1954	Above Normal	-15	-14	0	0	31	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	3	0	0	0	0	4	-9	0
1956	Wet	0	1	2	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	-8
1959	Below Normal	0	303	0	0	-315	0	0	0	1	0	-4	0
1960	Dry	-5	4	-2	-1	-1	-2	4	1	0	2	-3	26
1961	Dry	0	0	0	0	0	1	1	1	0	6	1	1
1962	Below Normal	-14	-14	-14	-12	21	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	-1	0	1	0	0	0	0	0	0	0	1
1965	Wet	0	0	-1	0	0	0	0	0	0	-12	0	0
1966	Below Normal	-2	-14	0	0	0	0	28	0	1	13	-3	0
1967	Wet	0	-3	-7	0	0	0	0	0	0	0	0	45
1968	Below Normal	0	359	-50	0	-364	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	1	-1	0	0	-1	0	0	0	0	-1	11
1971	Wet	-3	0	-7	0	0	0	0	0	0	-3	3	-2
1972	Below Normal	0	2	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	-5	0	85
1974	Wet	0	-80	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-23	0	0	24	0	0	0	0	0	0	0
1976	Critical	0	6	0	0	0	0	0	0	-1	-2	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	2	0	0	0	-1	0	11
1979	Below Normal	12	543	0	0	-603	0	2	2	16	373	-1	-1
1980	Above Normal	-27	-321	-30	1	1	0	0	0	0	0	0	25
1981	Dry	0	87	0	0	0	0	-1	-1	-7	-7	-15	-1
1982	Wet	-1	-50	1	1	2	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1987	Dry	0	0	0	0	0	0	0	4	-56	46	0	0
1988	Critical	0	0	0	0	24	4	0	-1	1	-3	0	0
1989	Dry	-5	-5	-5	-5	0	8	0	6	8	1	-3	0
1990	Critical	0	0	0	0	0	0	0	0	0	-1	-57	0
1991	Critical	15	17	19	16	13	13	13	13	1	-13	33	0
1992	Critical	0	0	0	0	0	0	1	-12	36	0	-212	0
1993	Above Normal	0	0	0	1	0	0	0	0	0	-4	-3	1
1994	Critical	5	-5	0	0	0	1	1	1	7	12	-6	1
1995	Wet	-3	-3	-3	2	0	0	0	0	0	0	0	0
1996	Wet	0	447	-263	-169	0	0	0	0	0	2	-2	2
1997	Wet	-46	4	40	0	0	0	0	0	0	0	0	-4
1998	Wet	3	-1	1	-1	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	1	-1	0
2000	Above Normal	3	2	0	-5	0	0	0	0	0	0	0	0
2001	Dry	-1	0	0	0	0	0	0	0	6	-2	-12	0
2002	Dry	8	0	0	0	0	0	0	0	0	1	0	25
2003	Above Normal	-11	0	0	-14	0	0	0	0	0	0	0	1

Percent Change in Simulated Folsom Reservoir Release to American River (Node C8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	10%	1%	0%	0%	0%	-1%	0%	0%	0%	0%	-4%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	49%	-6%	-4%	1%	-15%	0%
1940	Above Normal	-3%	-3%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1944	Dry	-9%	9%	1%	-2%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	0%	0%	0%	-3%	-6%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	11%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	-1%	-1%	-1%	1%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-2%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	23%	0%	0%	-18%	0%	0%	0%	0%	10%	0%	0%
1980	Above Normal	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%	-36%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	16%	-11%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,880	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,536	25,913	25,575	17,422	11,194	20,752	15,101	11,982	20,351	15,142	14,230
1924	Critical	10,422	9,176	9,216	12,428	15,161	8,997	7,810	6,668	7,683	12,577	7,738	6,431
1925	Dry	7,273	7,813	12,925	12,191	48,839	17,122	23,765	13,614	11,833	19,542	14,145	13,688
1926	Dry	9,103	9,030	9,506	17,703	36,119	12,364	21,579	10,500	13,790	18,693	11,316	11,039
1927	Wet	7,965	22,101	18,695	31,512	73,846	41,515	42,702	24,048	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,664	14,926	23,969	21,355	65,896	24,474	10,349	15,836	24,707	17,128	21,888
1929	Critical	11,319	13,333	11,864	12,734	16,195	12,012	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,954	20,102	17,817	30,594	12,527	10,415	13,279	17,396	11,653	12,372
1931	Critical	7,939	7,871	8,123	13,795	11,672	8,401	9,591	7,188	7,637	11,444	7,628	6,371
1932	Dry	6,475	6,781	19,504	20,459	15,199	12,297	9,418	12,474	15,325	12,593	13,134	10,292
1933	Critical	8,136	7,934	9,788	14,534	12,441	14,056	9,261	8,209	10,645	11,449	10,556	7,776
1934	Critical	6,319	6,547	14,507	17,988	14,976	11,480	10,970	9,588	10,855	8,538	9,130	6,493
1935	Below Normal	6,285	11,417	10,184	26,759	13,372	26,067	41,176	18,646	15,268	19,389	14,834	14,554
1936	Below Normal	11,279	9,853	11,220	37,521	57,105	33,124	20,903	13,106	14,138	19,884	14,415	14,337
1937	Below Normal	11,647	9,187	14,268	13,670	33,311	36,110	20,872	13,641	16,845	18,946	14,346	10,788
1938	Wet	9,595	25,042	58,741	29,176	69,836	72,336	54,550	52,682	34,311	15,320	15,408	28,581
1939	Dry	12,561	13,791	14,697	10,781	11,943	9,604	8,167	9,987	9,703	19,823	12,385	11,368
1940	Above Normal	8,138	7,999	9,408	26,673	53,374	67,583	54,439	14,804	12,662	23,354	16,524	21,560
1941	Wet	10,866	13,530	32,945	62,007	65,241	61,062	49,948	38,463	15,713	17,594	15,373	30,470
1942	Wet	12,392	17,463	40,477	56,868	68,793	22,219	41,928	31,782	24,530	16,718	15,492	30,142
1943	Wet	12,698	19,217	18,654	58,781	47,831	57,405	25,207	15,143	12,158	23,379	15,966	29,530
1944	Dry	12,360	15,810	14,879	15,313	24,567	19,253	9,375	8,947	12,221	18,469	12,720	8,688
1945	Below Normal	7,959	14,719	16,826	13,193	43,522	21,226	11,687	12,020	11,485	19,921	16,091	14,272
1946	Below Normal	12,794	14,071	50,328	45,221	16,578	16,555	13,928	13,098	11,647	21,136	16,842	13,892
1947	Dry	12,171	10,722	14,992	11,605	17,778	20,137	12,468	9,457	13,301	19,994	13,469	15,205
1948	Below Normal	10,278	11,110	9,660	14,993	10,327	16,248	23,465	27,653	20,615	20,979	17,391	15,438
1949	Dry	10,977	10,129	13,736	11,250	12,966	39,926	12,724	12,264	12,640	20,155	14,845	16,022
1950	Below Normal	8,353	9,538	10,016	19,572	34,224	20,169	18,686	14,436	13,666	20,810	16,354	14,953
1951	Above Normal	13,167	45,220	74,839	55,303	59,040	27,907	14,162	16,376	12,736	23,877	17,053	22,256
1952	Wet	12,232	17,625	35,728	58,621	58,578	52,947	53,597	58,672	35,877	17,632	15,882	27,810
1953	Wet	14,277	16,780	31,980	63,667	23,447	20,938	16,475	22,959	24,612	22,618	16,997	29,980
1954	Above Normal	11,760	19,503	12,034	24,520	45,175	44,583	38,863	12,144	14,414	24,388	17,213	23,074
1955	Dry	11,670	17,054	22,509	18,642	12,892	10,482	10,861	11,122	10,105	19,718	12,742	9,820
1956	Wet	9,092	11,359	50,267	75,204	59,531	34,081	18,165	39,033	20,347	17,510	15,575	30,366
1957	Above Normal	13,371	18,754	15,089	13,587	16,620	39,447	11,814	18,360	11,418	24,531	17,369	22,171
1958	Wet	15,391	16,903	22,774	36,851	69,408	68,228	67,602	41,752	29,552	17,395	16,628	27,503
1959	Below Normal	14,601	17,218	15,423	22,176	41,393	15,553	10,026	10,243	13,585	23,825	17,474	14,225
1960	Dry	9,886	9,090	9,070	13,300	27,057	19,069	11,975	10,980	13,606	19,856	14,558	15,342
1961	Dry	8,365	13,157	18,468	13,206	33,752	17,854	10,400	10,431	11,242	20,702	12,391	10,776
1962	Below Normal	8,169	10,246	16,683	10,606	44,161	21,895	12,997	13,347	11,618	23,013	17,543	14,919
1963	Wet	33,355	16,012	27,929	16,237	61,331	25,256	64,574	26,078	14,538	24,246	16,762	30,344
1964	Dry	12,615	22,115	12,797	22,627	13,062	10,792	9,862	10,721	10,746	19,849	12,140	13,908
1965	Wet	8,339	15,660	44,967	70,922	32,660	19,871	40,451	17,396	14,940	21,422	14,864	29,395
1966	Below Normal	12,897	21,099	13,417	24,845	22,807	20,211	13,695	10,403	12,617	23,040	17,157	15,482
1967	Wet	10,819	15,448	34,796	36,722	46,502	46,500	34,695	42,784	37,846	14,305	15,065	29,558
1968	Below Normal	13,407	15,525	15,410	23,313	50,204	32,235	10,390	11,166	12,589	23,907	16,534	14,202
1969	Wet	10,117	12,122	22,200	64,506	69,185	42,969	39,774	44,977	22,171	13,668	13,971	29,346
1970	Wet	12,251	15,184	41,445	77,161	62,430	33,547	10,867	12,666	12,948	24,905	16,775	27,450
1971	Wet	13,443	20,073	46,603	46,297	22,275	38,159	22,549	27,488	20,937	22,404	17,260	29,762
1972	Below Normal	13,757	16,322	15,659	15,999	16,546	28,014	11,585	10,956	12,707	23,865	17,007	15,359
1973	Above Normal	10,703	19,412	25,345	57,679	64,106	46,919	14,932	16,535	15,813	22,507	15,508	20,491
1974	Wet	11,473	48,136	58,854	72,471	39,318	68,092	56,233	20,456	19,260	19,965	16,709	29,453
1975	Wet	14,091	18,877	14,844	13,517	48,121	59,021	20,153	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,478	18,974	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,973	9,446	11,214
1977	Critical	9,622	7,888	8,152	9,699	10,992	8,062	8,540	5,524	8,178	8,797	9,958	5,994
1978	Above Normal	6,051	6,462	15,587	48,322	44,089	54,911	34,109	17,802	15,473	19,978	16,258	21,336
1979	Below Normal	12,475	13,755	14,901	21,623	29,370	24,738	13,660	14,102	14,804	20,851	15,920	13,017
1980	Above Normal	12,403	14,794	20,114	67,141	67,504	43,304	16,814	13,909	12,481	16,035	15,242	20,302
1981	Dry	11,235	14,277	15,432	20,906	24,476	20,006	12,999	9,435	13,616	20,092	15,548	12,190
1982	Wet	9,707	33,565	68,597	59,043	66,880	61,267	72,159	31,322	20,576	14,702	13,246	23,678
1983	Wet	18,184	36,221	57,783	57,411	74,202	81,646	57,031	54,067	51,096	22,909	20,022	25,581
1984	Wet	18,451	54,755	76,377	47,269	33,679	33,969	13,085	11,872	13,920	23,828	16,065	26,847
1985	Dry	11,534	25,136	21,405	13,888	15,040	13,073	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,148	22,421	77,014	70,806	18,193	12,247	12,485	21,064	15,456	23,855
1987	Dry	11,490	12,500	14,721	13,805	19,565	22,861	9,274	10,701	13,502	13,241	8,509	8,575
1988	Critical	7,753	7,725	18,032	25,417	13,668	7,491	11,162	9,310	10,829	15,127	10,025	6,502
1989	Dry	6,471	9,881	10,274	12,398	9,012	45,573	21,515	13,745	13,855	19,927	12,856	14,347
1990	Critical	10,114	9,013	12,037	18,886	13,698	12,010	11,157	7,830	8,133	17,887	10,101	6,799
1991	Critical	6,210	6,318	7,378	7,622	9,393	29,181	11,752	7,077	9,689	16,611	9,058	6,636
1992	Critical	6,534	6,620	7,014	10,738	28,450	18,644	11,102	9,196	13,703	11,940	10,367	6,995
1993	Above Normal	7,809	6,569	13,607	46,739	48,114	38,911	37,578	28,043	25,549	19,714	16,527	22,968
1994	Critical	12,975	14,401	15,027	13,089	21,930	11,362	11,967	9,393	8,384	19,574	13,703	10,021
1995	Wet	7,639	8,198	15,686	63,249	49,155	77,551	50,480	58,340	37,625	16,828	17,466	23,888
1996	Wet	14,953	12,817	23,544	42,647	72,227	57,366	33,119	40,964	14,995	21,763	15,848	31,448
1997	Wet	11,802	17,566	50,230	78,291	51,916	22,186	16,270	12,060	12,771	24,526	16,166	29,129
1998	Wet	12,003	17,653	18,887	27,523	68,069	60,623	45,543	43,094	61,226	22,770	19,758	26,148
1999	Wet	16,186	26,912	34,940	38,606	60,761	54,741	23,001	18,333	16,640	22,031	16,118	26,209
2000	Above Normal	11,421	18,400	14,453	21,529	62,004	48,472	18,097	15,790	12,380	22,360	16,955	22,306
2001	Dry	9,571	14,044	14,523	16,600	23,951	22,220	11,431	9,145	13,467	17,421	9,250	9,447
2002	Dry	7,364	10,129	28,722	43,394	18,184	19,209	16,012	11,896	10,765	20,240	13,619	14,023
2003	Above Normal	7,944	9,607	36,481	56,414	25,080	22,349	24,564	40,510	14,680	23,892	17,293	22,985

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 4 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,879	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,540	25,911	25,574	17,442	11,194	20,744	15,102	11,983	20,351	15,131	14,230
1924	Critical	10,410	9,176	9,216	12,428	15,160	8,997	7,810	6,661	7,683	12,579	7,738	6,432
1925	Dry	7,273	7,804	12,920	12,187	48,838	17,119	23,762	13,614	11,834	19,541	14,154	13,691
1926	Dry	9,106	9,033	9,503	17,701	36,111	12,363	21,576	10,500	13,789	18,693	11,314	11,016
1927	Wet	7,965	22,096	18,691	31,509	73,844	41,513	42,700	24,046	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,661	14,923	23,966	21,352	65,889	24,472	10,348	15,835	24,706	17,127	21,888
1929	Critical	11,319	13,330	11,861	12,732	16,193	12,010	8,339	8,244	10,339	9,431	10,117	6,531
1930	Dry	6,359	6,664	17,951	20,100	17,815	30,593	12,527	10,415	13,279	17,394	11,652	12,373
1931	Critical	7,939	7,871	8,121	13,793	11,670	8,400	9,591	7,190	7,637	11,430	7,627	6,371
1932	Dry	6,474	6,773	19,496	20,453	15,194	12,322	9,418	12,474	15,325	12,592	13,140	10,292
1933	Critical	8,137	7,934	9,779	14,527	12,434	14,050	9,261	8,209	10,645	11,431	10,549	7,776
1934	Critical	6,319	6,547	14,494	17,978	14,966	11,474	10,973	9,185	10,849	8,531	8,963	6,519
1935	Below Normal	6,304	11,410	10,177	26,752	13,364	26,060	41,171	18,645	15,268	19,391	14,838	14,558
1936	Below Normal	11,087	9,853	11,185	37,503	57,685	33,115	20,898	13,106	14,138	19,882	14,416	14,337
1937	Below Normal	11,646	9,186	14,270	13,665	33,307	36,105	20,867	13,641	16,918	18,938	14,346	10,787
1938	Wet	9,510	24,963	58,739	29,169	69,836	72,336	54,548	52,678	34,311	15,320	15,409	28,580
1939	Dry	12,547	13,792	14,791	10,770	11,934	9,603	8,773	9,990	9,723	19,896	12,276	10,643
1940	Above Normal	8,138	7,986	9,353	26,695	53,558	67,585	54,435	14,804	12,661	23,325	16,523	21,675
1941	Wet	10,871	13,753	33,439	62,027	65,239	61,062	49,948	38,462	15,713	17,594	15,373	30,467
1942	Wet	12,461	17,752	40,401	56,869	68,793	22,218	41,926	31,780	24,530	16,719	15,493	30,142
1943	Wet	12,697	19,189	18,659	58,776	47,830	57,404	25,207	15,147	12,158	23,393	15,965	29,646
1944	Dry	12,152	15,945	14,880	15,308	24,564	19,251	9,375	8,947	12,221	18,391	12,799	8,699
1945	Below Normal	7,959	14,719	16,827	13,194	43,517	21,225	11,687	12,022	11,485	19,922	16,092	14,272
1946	Below Normal	12,766	14,168	50,327	45,224	16,578	16,554	13,927	12,989	11,823	21,029	16,886	14,090
1947	Dry	12,117	10,722	14,991	11,604	17,729	19,991	12,472	9,461	13,301	19,994	13,537	15,198
1948	Below Normal	10,189	11,109	9,658	14,991	10,348	16,247	23,464	27,653	20,592	20,975	17,392	15,438
1949	Dry	10,979	10,091	13,735	11,249	12,965	39,924	12,724	12,264	12,639	20,155	14,835	16,022
1950	Below Normal	8,353	9,538	10,016	19,567	34,223	20,168	18,686	14,436	13,666	20,809	16,354	14,953
1951	Above Normal	13,167	45,197	74,839	55,302	59,040	27,906	14,162	16,376	12,736	23,876	17,053	22,292
1952	Wet	12,233	17,626	35,732	58,621	58,561	52,951	53,597	58,676	35,886	17,643	15,882	27,791
1953	Wet	14,256	18,691	30,628	63,327	23,457	20,935	16,475	22,962	24,605	22,624	17,002	29,985
1954	Above Normal	11,703	19,433	12,329	24,632	45,205	44,306	38,863	12,141	14,408	24,383	17,213	23,074
1955	Dry	11,624	17,079	22,508	18,642	12,923	10,481	10,861	11,122	10,107	19,720	12,739	10,089
1956	Wet	8,899	11,360	50,257	75,204	59,531	34,080	18,165	39,033	20,347	17,511	15,575	30,366
1957	Above Normal	13,371	18,754	15,090	13,586	16,619	39,441	11,814	18,359	11,418	24,531	17,369	22,171
1958	Wet	15,390	16,902	22,773	36,850	69,408	68,228	67,601	41,751	29,551	17,397	16,627	27,449
1959	Below Normal	14,632	18,699	15,423	22,183	41,083	15,545	10,027	10,243	13,585	23,819	17,474	14,327
1960	Dry	9,908	9,067	9,068	13,298	27,055	19,067	11,977	10,980	13,606	19,856	14,558	15,335
1961	Dry	8,352	13,158	18,378	13,209	33,750	17,853	10,400	10,431	11,242	20,702	12,377	10,775
1962	Below Normal	8,175	10,246	16,667	10,606	44,170	21,895	12,997	13,347	11,618	23,015	17,543	14,919
1963	Wet	33,352	16,011	27,929	16,237	61,333	25,255	64,574	26,077	14,539	24,246	16,762	30,344
1964	Dry	12,615	22,107	12,797	22,628	13,062	10,791	9,862	10,721	10,746	19,849	12,142	13,911
1965	Wet	8,335	15,660	44,966	70,922	32,660	19,872	40,457	17,396	14,940	21,423	14,865	29,398
1966	Below Normal	12,898	21,022	13,418	24,843	22,806	20,321	13,716	10,402	12,617	23,048	17,157	15,475
1967	Wet	10,819	15,444	34,780	36,722	46,502	46,500	34,695	42,783	37,846	14,305	15,065	29,824
1968	Below Normal	13,403	17,319	15,410	23,224	48,911	32,267	10,390	11,166	12,590	23,904	16,535	14,202
1969	Wet	10,128	12,120	22,199	64,500	69,184	42,968	39,773	44,976	22,171	14,112	14,472	29,342
1970	Wet	12,319	15,114	41,419	77,161	62,430	33,546	10,867	12,666	12,950	24,904	16,774	27,785
1971	Wet	13,440	20,043	46,544	46,298	22,274	37,989	22,550	27,489	20,936	22,394	17,259	29,761
1972	Below Normal	13,757	16,332	15,658	15,999	16,546	28,014	11,585	10,955	12,707	23,866	17,007	15,362
1973	Above Normal	10,702	19,408	25,344	57,679	64,106	46,919	14,932	16,535	15,813	22,501	15,508	20,858
1974	Wet	11,474	47,975	58,854	72,471	39,318	68,092	56,233	20,455	19,260	19,966	16,709	29,453
1975	Wet	14,090	18,762	14,844	13,515	48,146	59,044	20,151	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,477	19,003	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,956	9,462	11,212
1977	Critical	9,624	7,887	8,151	9,701	10,989	8,062	8,540	5,522	8,175	8,796	9,898	5,994
1978	Above Normal	6,051	6,462	15,584	48,321	44,085	54,912	34,107	17,799	15,476	19,982	16,263	21,381
1979	Below Normal	12,516	16,472	13,317	21,681	28,795	24,755	13,705	14,103	14,800	20,634	15,910	13,016
1980	Above Normal	11,826	13,530	20,148	67,683	67,500	43,295	16,812	13,906	12,479	16,014	15,222	20,001
1981	Dry	11,226	14,178	15,432	20,906	24,480	20,534	12,997	9,438	13,626	20,102	15,714	12,329
1982	Wet	9,771	33,214	68,705	59,042	66,881	61,267	72,159	31,322	20,576	14,705	13,246	23,678
1983	Wet	18,172	36,221	57,783	57,411	74,202	81,646	57,030	54,066	51,095	22,908	20,021	25,580
1984	Wet	18,450	54,754	76,377	47,267	33,677	33,966	13,084	11,872	13,920	23,827	16,065	26,847
1985	Dry	11,534	25,129	21,404	13,887	15,038	13,072	12,603	10,954	13,056	19,847	14,321	15,324
1986	Wet	11,268	12,488	17,147	22,420	77,014	70,806	18,191	12,247	12,485	21,064	15,457	23,855
1987	Dry	11,490	12,620	14,717	13,808	19,566	22,861	9,275	10,701	13,502	13,292	8,655	8,566
1988	Critical	7,753	7,725	18,031	25,416	13,668	7,491	11,162	9,310	10,830	15,067	10,023	6,502
1989	Dry	6,471	9,874	10,266	12,392	9,011	45,580	21,515	13,744	13,855	19,926	12,774	14,228
1990	Critical	10,124	9,012	12,039	18,885	13,697	12,010	11,158	7,830	8,133	17,898	9,368	7,867
1991	Critical	6,210	6,319	7,403	7,639	9,407	29,194	11,765	7,090	9,689	16,619	9,082	6,631
1992	Critical	6,534	6,620	7,008	10,734	28,447	18,642	11,101	9,196	13,702	11,886	10,358	6,971
1993	Above Normal	7,799	6,569	13,602	46,738	48,112	38,920	37,583	27,952	25,568	19,714	16,527	22,968
1994	Critical	12,975	14,371	15,122	13,084	21,928	11,360	11,968	9,394	8,385	19,574	13,672	10,023
1995	Wet	7,646	8,195	15,679	63,234	49,140	77,552	50,477	58,339	37,623	16,681	17,472	23,889
1996	Wet	14,949	15,178	23,168	42,509	71,994	57,379	33,112	40,961	14,995	21,765	15,849	31,448
1997	Wet	11,617	17,575	50,306	78,291	51,915	22,184	16,270	12,060	12,630	24,526	16,166	29,129
1998	Wet	12,015	17,639	18,887	27,526	68,080	60,623	45,541	43,093	61,225	22,769	19,756	26,147
1999	Wet	16,185	26,910	34,938	38,605	60,760	54,740	23,000	18,331	16,640	22,031	16,118	26,204
2000	Above Normal	11,434	18,409	14,459	21,522	62,000	48,471	18,095	15,789	12,380	22,358	16,955	22,307
2001	Dry	9,566	14,043	14,456	16,597	23,949	22,218	11,431	9,145	13,467	17,501	9,227	9,448
2002	Dry	7,364	10,126	28,720	43,391	18,182	19,207	16,012	11,896	10,764	20,240	13,566	14,124
2003	Above Normal	7,944	9,606	36,450	56,400	25,078	22,347	24,563	40,509	14,680	23,894	17,293	22,982

Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 4 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	-2	0	20	0	-8	1	1	0	-11	0
1924	Critical	-12	0	0	0	-1	0	0	-7	0	2	0	2
1925	Dry	0	-9	-5	-4	-1	-3	-3	0	0	-1	8	2
1926	Dry	3	3	-3	-2	-8	-1	-2	0	0	0	-2	-23
1927	Wet	0	-4	-4	-3	-2	-2	-2	-2	0	0	0	0
1928	Above Normal	0	-3	-3	-3	-3	-6	-2	0	0	-2	0	0
1929	Critical	0	-3	-3	-2	-2	-2	0	0	0	0	0	0
1930	Dry	0	0	-3	-3	-3	-1	0	0	0	-2	-1	1
1931	Critical	0	0	-2	-2	-2	-2	0	2	0	-13	-1	0
1932	Dry	0	-8	-8	-6	-5	25	0	0	0	-1	6	0
1933	Critical	1	0	-9	-7	-7	-6	0	0	0	-18	-6	0
1934	Critical	0	0	-13	-10	-9	-6	3	-403	-6	-7	-167	27
1935	Below Normal	19	-8	-7	-7	-7	-7	-5	-1	0	2	4	4
1936	Below Normal	-192	0	-35	-19	580	-9	-5	0	0	-3	1	0
1937	Below Normal	-1	0	1	-5	-4	-4	-4	0	73	-8	1	-2
1938	Wet	-85	-79	-2	-6	0	0	-2	-4	0	0	1	-1
1939	Dry	-15	1	94	-11	-9	-1	606	3	20	73	-108	-725
1940	Above Normal	0	-12	-55	23	184	2	-5	-1	0	-28	-1	114
1941	Wet	5	223	494	20	-2	0	0	-1	0	0	0	-3
1942	Wet	70	289	-76	1	0	-1	-2	-2	0	0	0	0
1943	Wet	-1	-28	5	-5	-1	-1	0	3	0	14	-1	116
1944	Dry	-208	135	1	-4	-3	-2	0	0	0	-78	80	11
1945	Below Normal	0	0	1	1	-5	-2	1	1	0	1	1	0
1946	Below Normal	-28	97	-2	3	0	-1	0	-108	177	-107	44	198
1947	Dry	-54	0	-1	0	-48	-146	4	5	0	0	69	-8
1948	Below Normal	-89	-1	-2	-2	21	-1	0	1	-23	-4	1	0
1949	Dry	2	-38	-1	-1	-1	-2	0	0	0	0	-10	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-23	0	-1	-1	-1	0	0	0	-2	0	36
1952	Wet	0	1	4	0	-17	4	0	4	9	11	0	-19
1953	Wet	-22	1,911	-1,353	-340	10	-3	0	2	-7	6	5	5
1954	Above Normal	-56	-71	295	112	30	-277	1	-3	-7	-5	0	0
1955	Dry	-45	25	-1	0	31	-1	0	0	2	3	-2	270
1956	Wet	-193	1	-10	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	-1	-1	-6	0	-1	0	0	0	0
1958	Wet	-2	-1	-1	-1	0	0	0	-1	-1	2	0	-54
1959	Below Normal	31	1,481	0	8	-310	-9	0	0	0	-6	0	102
1960	Dry	22	-24	-2	-2	-2	-2	2	1	0	0	1	-7
1961	Dry	-14	2	-90	3	-2	0	0	0	0	0	-14	-1
1962	Below Normal	7	0	-16	0	9	0	0	0	0	2	0	0
1963	Wet	-3	-1	-1	-1	2	-1	0	-1	0	0	0	0
1964	Dry	0	-7	0	1	0	-1	1	0	0	0	3	2
1965	Wet	-4	0	-1	0	0	1	6	0	0	1	1	2
1966	Below Normal	1	-77	1	-1	-1	110	21	0	0	8	0	-7
1967	Wet	0	-5	-16	0	-1	1	-1	-1	-1	0	0	266
1968	Below Normal	-3	1,794	0	-90	-1,293	32	0	0	0	-3	0	0
1969	Wet	11	-3	-2	-5	0	-1	-1	-1	0	443	500	-4
1970	Wet	68	-70	-27	0	0	-1	0	0	2	-1	0	335
1971	Wet	-3	-31	-59	1	0	-170	1	1	0	-11	0	0
1972	Below Normal	0	10	0	0	0	0	0	0	0	0	0	3
1973	Above Normal	0	-4	-1	0	0	0	0	0	0	-6	0	367
1974	Wet	0	-161	0	0	-1	0	0	0	0	1	0	0
1975	Wet	-1	-115	0	-2	25	23	-2	0	0	0	0	0
1976	Critical	-1	29	0	0	0	0	0	0	0	-16	16	-2
1977	Critical	2	-1	-1	1	-3	0	0	-2	-3	-1	-60	0
1978	Above Normal	0	0	-3	-1	-4	1	-2	-3	3	3	5	45
1979	Below Normal	41	2,717	-1,584	58	-575	16	45	1	-3	-217	-10	-1
1980	Above Normal	-577	-1,264	35	542	-4	-8	-2	-3	-2	-20	-20	-302
1981	Dry	-9	-99	0	-1	4	528	-2	2	10	10	166	139
1982	Wet	64	-351	108	-1	1	-1	0	0	0	3	0	0
1983	Wet	-11	0	0	0	0	0	-1	-1	-1	-1	-1	-1
1984	Wet	-1	-1	0	-1	-1	-3	-1	0	0	-1	0	0
1985	Dry	0	-7	-1	-1	-1	-1	0	0	0	0	0	0
1986	Wet	0	0	-2	-1	0	0	-1	0	0	0	0	0
1987	Dry	0	119	-4	2	1	0	1	0	0	51	146	-9
1988	Critical	0	0	0	-1	0	0	0	0	1	-60	-2	1
1989	Dry	0	-7	-7	-7	-1	7	0	-1	0	-1	-82	-119
1990	Critical	10	-1	2	-1	-1	-1	0	0	1	11	-733	1,067
1991	Critical	0	0	24	17	14	13	13	13	0	8	24	-5
1992	Critical	0	0	-6	-4	-3	-3	0	0	-1	-54	-9	-23
1993	Above Normal	-9	0	-4	-1	-2	9	5	-92	20	0	0	0
1994	Critical	0	-30	95	-5	-1	-1	0	0	1	0	-31	2
1995	Wet	7	-3	-6	-15	-15	0	-3	-1	-2	-147	6	1
1996	Wet	-4	2,361	-376	-137	-233	13	-7	-3	0	1	1	0
1997	Wet	-186	9	76	0	-1	-2	0	0	-141	0	0	0
1998	Wet	12	-15	0	3	11	0	-2	-1	-1	-1	-1	-1
1999	Wet	-1	-2	-2	-1	0	-1	-2	-1	0	0	0	-5
2000	Above Normal	13	9	5	-6	-4	0	-1	-1	0	-2	1	0
2001	Dry	-5	-2	-67	-3	-1	-1	0	0	0	81	-23	0
2002	Dry	0	-2	-2	-3	-2	-1	0	0	0	0	-53	101
2003	Above Normal	0	0	-31	-14	-1	-1	-1	-1	0	2	0	-3

Percent Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	7%	0%	0%	0%	-1%	-6%
1940	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1941	Wet	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	-1%	2%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%
1948	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1956	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	12%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	4%	0%
1970	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	20%	-11%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%
1980	Above Normal	-5%	-9%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1981	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	16%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	18%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

X2 Position (Node X2_PRV)
Future No Action (km)
SAC

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	85	75	71	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	81	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	91	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	50	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	91	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	70	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	56	69	84	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	51	58	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	52	50	53	60	69	78	84	81
1979	Below Normal	81	81	83	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	85	79	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	87	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	90	92
1991	Critical	93	94	93	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	62	74	74
1996	Wet	74	75	69	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	61	70	70
1999	Wet	74	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

X2 Position (Node X2_PRV)
Alternative 4 (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	87	77	72	74	77	81	83	86	90	92
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	80	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	92	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	51	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	90	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	71	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	57	70	85	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	52	59	74	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	53	50	53	61	69	78	84	81
1979	Below Normal	81	81	84	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	87	81	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	88	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	89	91
1991	Critical	93	94	92	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	62	75	74
1996	Wet	74	75	70	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	62	71	70
1999	Wet	73	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

Change in X2 Position (Node X2_PRV)
Alternative 4 - Future No Action (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	3	2	0	0	0	0	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	0	0	1	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	1	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	1	1	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	1	1	0	0	0
1979	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Above Normal	0	3	2	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	n/a

Percent Change in X2 Position (Node X2_PRV)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1968	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1979	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	n/a

CalSim II Modeling Attachment: Alternative Plan 5, Future Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,249	790	790	350	350	350	350	467	350	350	350
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	350
1936	Above Normal	1,016	2,963	350	350	350	350	350	350	467	350	350	350
1937	Wet	1,016	3,249	620	620	350	350	350	350	467	350	350	350
1938	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	350
1941	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	350	350
1943	Wet	1,016	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	350
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	350	350	350
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	350
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	350	350	350
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	350
1952	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	350	350	350
1956	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	350
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	350	350
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	350	350
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	350
1967	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	350	350
1969	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	433	350	350	350	350	467	350	350	350
1974	Wet	1,016	3,249	600	600	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	2,908	350	350	350	350	350	350	467	350	350	350
1980	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	350
1982	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1983	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	350
1986	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	350	350
1995	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1996	Wet	1,016	3,249	614	614	350	350	350	350	467	350	350	350
1997	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1998	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Restoration Release from Millerton Reservoir to San Joaquin River (Node C18M)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,016	3,266	790	1,165	350	350	350	350	467	350	432	420
1923	Above Normal	1,016	2,494	350	350	350	350	350	350	467	350	350	350
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,016	1,987	350	350	350	350	350	350	467	350	350	350
1926	Dry	1,016	1,360	350	350	350	350	350	350	467	350	350	350
1927	Above Normal	1,016	3,249	380	380	350	350	350	350	467	350	350	350
1928	Below Normal	1,016	1,343	350	350	350	350	350	350	467	350	350	350
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	120
1932	Above Normal	1,016	3,249	434	434	350	350	350	350	467	350	350	350
1933	Dry	1,016	1,247	350	350	350	350	350	350	467	350	350	350
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,016	3,127	350	350	350	350	350	350	467	350	350	810
1936	Above Normal	1,127	2,963	350	350	350	350	350	350	467	350	350	1,283
1937	Wet	2,546	4,653	1,732	1,436	350	350	350	350	467	396	525	2,309
1938	Wet	4,163	8,000	7,726	5,073	1,223	350	350	350	467	350	350	350
1939	Dry	1,016	802	350	350	350	350	350	350	467	350	350	350
1940	Above Normal	1,016	3,027	350	350	350	350	350	350	467	350	350	1,878
1941	Wet	1,237	3,249	2,919	2,000	350	350	350	350	467	350	423	510
1942	Wet	1,016	3,249	673	673	350	350	350	350	467	350	1,095	653
1943	Wet	2,804	3,249	441	441	350	350	350	350	467	350	350	350
1944	Below Normal	1,016	1,595	350	350	350	350	350	350	467	350	350	1,997
1945	Above Normal	1,016	3,249	539	539	350	350	350	350	467	419	516	364
1946	Above Normal	1,016	2,671	350	350	350	350	350	350	467	350	350	351
1947	Dry	1,016	1,279	350	350	350	350	350	350	467	350	350	350
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,016	1,366	350	350	350	350	350	350	467	350	350	350
1950	Below Normal	1,016	1,697	350	350	350	350	350	350	467	3,217	1,240	745
1951	Above Normal	1,016	2,976	350	350	350	350	350	350	467	350	350	415
1952	Wet	2,409	4,585	3,270	3,518	350	350	350	350	467	350	387	367
1953	Below Normal	1,016	1,508	350	350	350	350	350	350	467	350	350	350
1954	Below Normal	1,016	1,705	350	350	350	350	350	350	467	350	350	350
1955	Dry	1,016	1,359	350	350	350	350	350	350	467	2,209	4,271	743
1956	Wet	1,062	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1957	Below Normal	1,016	1,734	350	350	350	350	350	350	467	350	350	350
1958	Wet	1,016	4,451	3,187	2,810	350	350	350	350	467	350	350	350
1959	Dry	1,016	880	350	350	350	350	350	350	467	350	350	350
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,016	3,128	350	350	350	350	350	350	467	350	350	437
1963	Above Normal	1,016	3,178	350	350	350	350	350	350	467	350	350	350
1964	Dry	1,016	807	350	350	350	350	350	350	467	350	521	899
1965	Wet	1,016	3,249	694	694	350	350	350	350	467	350	415	375
1966	Below Normal	1,016	1,670	350	350	350	350	350	350	467	350	350	497
1967	Wet	1,016	4,571	2,952	3,259	3,869	350	350	350	467	350	350	350
1968	Dry	1,016	582	350	350	350	350	350	350	467	350	1,982	3,696
1969	Wet	3,944	8,307	8,193	7,441	1,758	350	350	350	467	350	436	362
1970	Above Normal	1,044	2,003	350	350	350	350	350	350	467	350	350	350
1971	Below Normal	1,016	1,939	350	350	350	350	350	350	467	350	350	350
1972	Dry	1,016	1,083	350	350	350	350	350	350	467	350	350	350
1973	Above Normal	1,016	3,249	433	829	350	350	350	350	467	350	1,111	411
1974	Wet	1,069	3,249	605	813	350	350	350	350	467	350	350	350
1975	Wet	1,016	2,827	350	350	350	350	350	350	467	350	350	350
1976	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	2,422
1978	Wet	2,396	4,687	4,483	4,671	1,726	350	350	350	467	350	432	385
1979	Above Normal	1,218	2,908	350	350	350	350	350	350	467	350	2,557	3,692
1980	Wet	2,014	3,249	2,207	2,472	413	350	350	350	467	350	350	350
1981	Dry	1,016	1,149	350	350	350	350	350	350	467	350	350	653
1982	Wet	1,085	5,642	4,746	3,119	350	350	350	1,317	1,640	3,444	3,668	3,697
1983	Wet	5,411	8,381	7,457	8,542	5,367	350	350	350	923	3,125	900	371
1984	Above Normal	1,016	3,249	435	435	350	350	350	350	467	350	350	350
1985	Dry	1,016	1,287	350	350	350	350	350	350	467	350	350	4,293
1986	Wet	4,374	3,269	2,000	2,430	350	350	350	350	467	350	350	350
1987	Critical	1,016	350	335	335	339	339	350	350	360	350	350	350
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	359
1993	Wet	1,143	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1994	Critical	1,016	448	350	350	350	350	350	350	467	350	365	752
1995	Wet	3,488	5,007	4,976	3,448	6,421	350	350	350	467	350	350	350
1996	Wet	2,394	3,249	614	614	350	350	350	350	467	1,755	10,325	2,293
1997	Wet	1,072	3,249	2,000	2,000	350	350	350	350	467	350	350	1,697
1998	Wet	1,682	4,452	3,025	5,009	5,120	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,194	350	350	350	350	350	350	467	350	350	350
2000	Above Normal	1,016	2,700	350	350	350	350	350	350	467	350	350	350
2001	Dry	1,016	1,142	350	350	350	350	350	350	467	350	350	350
2002	Dry	1,016	1,381	350	350	350	350	350	350	467	350	350	350
2003	Below Normal	1,016	2,013	350	350	350	350	350	n/a	n/a	n/a	n/a	n/a

Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,105	3,341	939	1,052	663	558	396	395	498	410	366	465
1923	Above Normal	1,114	2,595	513	636	692	578	400	399	501	415	464	472
1924	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1925	Below Normal	1,121	2,095	525	657	717	594	404	402	503	420	472	485
1926	Dry	1,120	1,467	524	655	714	593	404	402	503	419	471	485
1927	Above Normal	1,114	3,350	543	666	692	578	400	399	501	415	464	472
1928	Below Normal	1,118	1,448	520	649	708	589	403	401	502	418	469	482
1929	Critical	1,016	583	350	350	350	350	350	350	467	350	350	350
1930	Critical	1,016	571	350	350	350	350	350	350	467	350	350	350
1931	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1932	Above Normal	1,114	3,350	597	720	692	578	400	399	501	415	464	476
1933	Dry	1,123	1,357	528	663	724	599	405	403	504	421	475	488
1934	Critical	1,016	350	264	264	289	289	350	350	360	350	350	350
1935	Above Normal	1,114	3,228	513	636	692	578	400	399	501	415	464	472
1936	Above Normal	1,114	3,063	513	636	692	578	400	399	501	415	350	350
1937	Wet	1,114	3,249	645	906	692	578	400	399	501	350	350	350
1938	Wet	2,364	4,615	5,113	3,818	1,158	350	350	350	467	350	350	350
1939	Dry	1,016	903	513	636	692	578	400	399	501	415	464	472
1940	Above Normal	1,114	3,128	513	636	692	578	400	399	501	415	350	363
1941	Wet	1,107	3,343	2,152	2,267	669	563	397	396	498	411	350	468
1942	Wet	1,112	3,349	673	955	687	574	400	398	500	414	350	474
1943	Wet	1,114	3,350	604	727	692	578	400	399	501	415	464	472
1944	Below Normal	1,114	1,696	513	636	692	578	400	399	501	415	464	476
1945	Above Normal	1,114	3,350	702	825	692	578	400	399	501	415	464	476
1946	Above Normal	1,114	2,772	513	636	692	578	400	399	501	415	464	476
1947	Dry	1,120	1,386	524	655	715	593	404	402	503	419	472	480
1948	Below Normal	1,016	1,481	350	350	350	350	350	350	467	350	350	350
1949	Below Normal	1,067	1,419	435	499	528	469	376	375	485	384	409	416
1950	Below Normal	1,122	1,806	526	659	720	597	405	403	503	350	350	486
1951	Above Normal	1,114	3,076	513	636	692	578	400	399	501	415	464	374
1952	Wet	1,114	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1953	Below Normal	1,016	1,608	513	636	692	578	400	399	501	415	464	476
1954	Below Normal	1,123	1,815	528	663	724	599	405	403	504	421	475	488
1955	Dry	1,116	1,462	517	643	701	584	402	400	502	417	467	350
1956	Wet	1,016	3,249	2,154	2,271	674	566	398	396	499	412	458	470
1957	Below Normal	1,114	1,835	513	636	692	578	400	399	501	415	464	476
1958	Wet	1,114	3,350	2,000	2,000	350	350	350	350	467	350	350	350
1959	Dry	1,016	981	513	636	692	578	400	399	501	415	464	472
1960	Critical	1,016	457	350	350	350	350	350	350	467	350	350	350
1961	Critical	1,016	200	215	215	255	255	260	160	176	120	110	110
1962	Below Normal	1,114	3,229	513	636	692	578	400	399	501	415	464	476
1963	Above Normal	1,114	3,279	513	636	692	578	400	399	501	415	464	472
1964	Dry	1,037	829	384	410	422	398	361	360	474	364	374	377
1965	Wet	1,114	3,350	857	980	692	578	400	399	501	415	464	476
1966	Below Normal	1,116	1,774	517	643	700	583	402	400	501	417	467	479
1967	Wet	1,094	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1968	Dry	1,016	683	513	636	692	578	400	399	501	415	350	350
1969	Wet	1,016	4,343	3,398	4,854	1,683	350	350	350	467	350	350	350
1970	Above Normal	1,016	2,103	513	636	692	578	400	399	501	415	464	476
1971	Below Normal	1,114	2,040	513	636	692	578	400	399	501	415	464	472
1972	Dry	1,066	1,135	434	498	526	468	376	375	484	384	409	415
1973	Above Normal	1,114	3,350	596	719	692	578	400	399	501	415	464	476
1974	Wet	1,114	3,350	763	886	692	578	400	399	501	415	464	476
1975	Wet	1,114	2,928	513	636	692	578	400	399	501	415	464	472
1976	Critical	1,123	310	393	528	629	504	315	213	213	191	235	248
1977	Critical	130	150	190	190	230	230	210	160	122	120	100	100
1978	Wet	1,016	3,249	2,000	2,000	350	350	350	350	467	350	350	350
1979	Above Normal	1,016	3,009	513	636	692	578	400	399	501	415	350	350
1980	Wet	1,016	3,249	2,130	2,229	623	532	390	389	494	402	441	451
1981	Dry	1,114	1,250	513	636	692	578	400	399	501	415	464	476
1982	Wet	1,094	3,249	2,000	2,000	350	350	350	350	467	350	1,837	3,668
1983	Wet	5,292	8,234	7,899	7,396	5,281	350	350	350	925	3,100	875	350
1984	Above Normal	1,016	3,330	565	664	623	532	390	389	494	402	441	451
1985	Dry	1,114	1,387	513	636	692	578	400	399	501	415	464	476
1986	Wet	1,016	3,249	2,000	2,260	661	557	396	394	498	409	454	465
1987	Critical	1,116	453	502	628	689	573	402	400	394	417	467	475
1988	Critical	1,016	582	350	350	350	350	350	350	467	350	350	350
1989	Critical	1,016	857	350	350	350	350	350	350	467	350	350	350
1990	Critical	1,016	350	319	319	328	328	350	350	360	350	350	350
1991	Critical	1,016	1,072	350	350	350	350	350	350	467	350	350	350
1992	Critical	1,016	381	350	350	350	350	350	350	467	350	350	350
1993	Wet	1,114	3,350	2,163	2,286	692	578	400	399	501	415	464	476
1994	Critical	1,117	553	518	645	703	585	402	400	502	417	468	480
1995	Wet	1,094	3,249	2,000	2,229	844	532	390	389	494	402	441	447
1996	Wet	1,094	3,330	747	843	623	532	390	389	494	402	4,853	1,063
1997	Wet	1,094	3,330	2,130	2,229	623	532	390	389	494	402	441	451
1998	Wet	1,076	3,249	2,000	2,000	1,309	350	350	350	467	350	350	350
1999	Above Normal	1,016	2,293	510	631	686	574	400	398	500	414	462	470
2000	Above Normal	1,114	2,801	513	636	692	578	400	399	501	415	464	476
2001	Dry	1,114	1,243	513	636	692	578	400	399	501	415	464	476
2002	Dry	1,041	1,407	391	422	436	407	363	362	475	366	379	382
2003	Below Normal	1,120	2,120	523	655	714	593	404	n/a	n/a	n/a	n/a	n/a

Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	89	76	149	-114	313	208	46	45	31	60	-66	45
1923	Above Normal	98	101	163	286	342	228	50	49	34	65	114	122
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	105	108	175	307	367	244	54	52	36	70	122	135
1926	Dry	104	108	174	305	364	243	54	52	36	69	121	135
1927	Above Normal	98	101	163	286	342	228	50	49	34	65	114	122
1928	Below Normal	102	106	170	299	358	239	53	51	35	68	119	132
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-10
1932	Above Normal	98	101	163	286	342	228	50	49	34	65	114	126
1933	Dry	107	110	178	313	374	249	55	53	37	71	125	138
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	98	101	163	286	342	228	50	49	34	65	114	-338
1936	Above Normal	-14	101	163	286	342	228	50	49	34	65	0	-933
1937	Wet	-1,432	-1,403	-1,087	-531	342	228	50	49	34	-46	-175	-1,959
1938	Wet	-1,799	-3,385	-2,613	-1,255	-66	0	0	0	0	0	0	0
1939	Dry	0	101	163	286	342	228	50	49	34	65	114	122
1940	Above Normal	98	101	163	286	342	228	50	49	34	65	0	-1,515
1941	Wet	-130	94	-767	267	319	213	47	46	31	61	-73	-42
1942	Wet	96	99	0	282	337	224	50	48	33	64	-745	-179
1943	Wet	-1,691	101	163	286	342	228	50	49	34	65	114	122
1944	Below Normal	98	101	163	286	342	228	50	49	34	65	114	-1,521
1945	Above Normal	98	101	163	286	342	228	50	49	34	-4	-52	112
1946	Above Normal	98	101	163	286	342	228	50	49	34	65	114	125
1947	Dry	104	108	174	305	365	243	54	52	36	69	122	130
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	51	53	85	149	178	119	26	25	18	34	59	66
1950	Below Normal	106	109	176	309	370	247	55	53	36	-2,867	-890	-258
1951	Above Normal	98	101	163	286	342	228	50	49	34	65	114	-41
1952	Wet	-1,295	-1,336	-1,270	-1,518	0	0	0	0	0	0	-37	-17
1953	Below Normal	0	101	163	286	342	228	50	49	34	65	114	126
1954	Below Normal	107	110	178	313	374	249	55	53	37	71	125	138
1955	Dry	100	104	167	293	351	234	52	50	35	-1,792	-3,804	-393
1956	Wet	-46	0	154	271	324	216	48	46	32	62	108	120
1957	Below Normal	98	101	163	286	342	228	50	49	34	65	114	126
1958	Wet	98	-1,101	-1,187	-810	0	0	0	0	0	0	0	0
1959	Dry	0	101	163	286	342	228	50	49	34	65	114	122
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	98	101	163	286	342	228	50	49	34	65	114	39
1963	Above Normal	98	101	163	286	342	228	50	49	34	65	114	122
1964	Dry	21	21	34	60	72	48	11	10	7	14	-147	-523
1965	Wet	98	101	163	286	342	228	50	49	34	65	49	101
1966	Below Normal	100	103	167	293	350	233	52	50	34	67	117	-17
1967	Wet	78	-1,322	-952	-1,259	-3,519	0	0	0	0	0	0	0
1968	Dry	0	101	163	286	342	228	50	49	34	65	-1,632	-3,346
1969	Wet	-2,928	-3,963	-4,795	-2,587	-75	0	0	0	0	0	-86	-12
1970	Above Normal	-28	101	163	286	342	228	50	49	34	65	114	126
1971	Below Normal	98	101	163	286	342	228	50	49	34	65	114	122
1972	Dry	50	52	84	148	176	118	26	25	17	34	59	65
1973	Above Normal	98	101	163	-111	342	228	50	49	34	65	-647	65
1974	Wet	44	101	157	72	342	228	50	49	34	65	114	126
1975	Wet	98	101	163	286	342	228	50	49	34	65	114	122
1976	Critical	107	110	178	313	374	249	55	53	37	71	125	138
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2,322
1978	Wet	-1,380	-1,438	-2,483	-2,671	-1,376	0	0	0	0	0	-82	-35
1979	Above Normal	-202	101	163	286	342	228	50	49	34	65	-2,207	-3,342
1980	Wet	-998	0	-76	-244	210	182	40	39	27	52	91	101
1981	Dry	98	101	163	286	342	228	50	49	34	65	114	-177
1982	Wet	9	-2,393	-2,746	-1,119	0	0	0	-967	-1,173	-3,094	-1,831	-29
1983	Wet	-120	-147	443	-1,146	-86	0	0	0	3	-25	-25	-21
1984	Above Normal	0	81	130	229	273	182	40	39	27	52	91	101
1985	Dry	98	101	163	286	342	228	50	49	34	65	114	-3,817
1986	Wet	-3,358	-20	0	-170	311	207	46	44	31	59	104	115
1987	Critical	100	103	167	293	350	234	52	50	34	67	117	125
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-9
1993	Wet	-30	101	163	286	342	228	50	49	34	65	114	126
1994	Critical	101	104	168	295	353	235	52	50	35	67	103	-272
1995	Wet	-2,394	-1,758	-2,976	-1,220	-5,577	182	40	39	27	52	91	97
1996	Wet	-1,300	81	133	229	273	182	40	39	27	-1,353	-5,473	-1,230
1997	Wet	22	81	130	229	273	182	40	39	27	52	91	-1,246
1998	Wet	-606	-1,202	-1,025	-3,009	-3,811	0	0	0	0	0	0	0
1999	Above Normal	0	99	160	281	336	224	50	48	33	64	112	120
2000	Above Normal	98	101	163	286	342	228	50	49	34	65	114	126
2001	Dry	98	101	163	286	342	228	50	49	34	65	114	126
2002	Dry	25	25	41	72	86	57	13	12	8	16	29	32
2003	Below Normal	104	108	173	305	364	243	54	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Total Millerton Release to San Joaquin River (Node C18 + C18_Extra)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	9%	2%	19%	-10%	89%	60%	13%	13%	7%	17%	-15%	11%
1923	Above Normal	10%	4%	46%	82%	98%	65%	14%	14%	7%	19%	33%	35%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	10%	5%	50%	88%	105%	70%	15%	15%	8%	20%	35%	39%
1926	Dry	10%	8%	50%	87%	104%	69%	15%	15%	8%	20%	35%	38%
1927	Above Normal	10%	3%	43%	75%	98%	65%	14%	14%	7%	19%	33%	35%
1928	Below Normal	10%	8%	49%	86%	102%	68%	15%	15%	8%	19%	34%	38%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%
1932	Above Normal	10%	3%	37%	66%	98%	65%	14%	14%	7%	19%	33%	36%
1933	Dry	11%	9%	51%	89%	107%	71%	16%	15%	8%	20%	36%	39%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	10%	3%	46%	82%	98%	65%	14%	14%	7%	19%	33%	-42%
1936	Above Normal	-1%	3%	46%	82%	98%	65%	14%	14%	7%	19%	0%	-73%
1937	Wet	-56%	-30%	-63%	-37%	98%	65%	14%	14%	7%	-12%	-33%	-85%
1938	Wet	-43%	-42%	-34%	-25%	-5%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	13%	46%	82%	98%	65%	14%	14%	7%	19%	33%	35%
1940	Above Normal	10%	3%	46%	82%	98%	65%	14%	14%	7%	19%	0%	-81%
1941	Wet	-11%	3%	-26%	13%	91%	61%	13%	13%	7%	17%	-17%	-8%
1942	Wet	9%	3%	0%	42%	96%	64%	14%	14%	7%	18%	-68%	-27%
1943	Wet	-60%	3%	37%	65%	98%	65%	14%	14%	7%	19%	33%	35%
1944	Below Normal	10%	6%	46%	82%	98%	65%	14%	14%	7%	19%	33%	-76%
1945	Above Normal	10%	3%	30%	53%	98%	65%	14%	14%	7%	-1%	-10%	31%
1946	Above Normal	10%	4%	46%	82%	98%	65%	14%	14%	7%	19%	33%	36%
1947	Dry	10%	8%	50%	87%	104%	69%	15%	15%	8%	20%	35%	37%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	5%	4%	24%	43%	51%	34%	8%	7%	4%	10%	17%	19%
1950	Below Normal	10%	6%	50%	88%	106%	70%	16%	15%	8%	-89%	-72%	-35%
1951	Above Normal	10%	3%	46%	82%	98%	65%	14%	14%	7%	19%	33%	-10%
1952	Wet	-54%	-29%	-39%	-43%	0%	0%	0%	0%	0%	0%	-10%	-5%
1953	Below Normal	0%	7%	46%	82%	98%	65%	14%	14%	7%	19%	33%	36%
1954	Below Normal	11%	6%	51%	89%	107%	71%	16%	15%	8%	20%	36%	39%
1955	Dry	10%	8%	48%	84%	100%	67%	15%	14%	7%	-81%	-89%	-53%
1956	Wet	-4%	0%	8%	14%	93%	62%	14%	13%	7%	18%	31%	34%
1957	Below Normal	10%	6%	46%	82%	98%	65%	14%	14%	7%	19%	33%	36%
1958	Wet	10%	-25%	-37%	-29%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	11%	46%	82%	98%	65%	14%	14%	7%	19%	33%	35%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	10%	3%	46%	82%	98%	65%	14%	14%	7%	19%	33%	9%
1963	Above Normal	10%	3%	46%	82%	98%	65%	14%	14%	7%	19%	33%	35%
1964	Dry	2%	3%	10%	17%	21%	14%	3%	3%	2%	4%	-28%	-58%
1965	Wet	10%	3%	23%	41%	98%	65%	14%	14%	7%	19%	12%	27%
1966	Below Normal	10%	6%	48%	84%	100%	67%	15%	14%	7%	19%	33%	-4%
1967	Wet	8%	-29%	-32%	-39%	-91%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	17%	46%	82%	98%	65%	14%	14%	7%	19%	-82%	-91%
1969	Wet	-74%	-48%	-59%	-35%	-4%	0%	0%	0%	0%	0%	-20%	-3%
1970	Above Normal	-3%	5%	46%	82%	98%	65%	14%	14%	7%	19%	33%	36%
1971	Below Normal	10%	5%	46%	82%	98%	65%	14%	14%	7%	19%	33%	35%
1972	Dry	5%	5%	24%	42%	50%	34%	7%	7%	4%	10%	17%	19%
1973	Above Normal	10%	3%	38%	-13%	98%	65%	14%	14%	7%	19%	-58%	16%
1974	Wet	4%	3%	26%	9%	98%	65%	14%	14%	7%	19%	33%	36%
1975	Wet	10%	4%	46%	82%	98%	65%	14%	14%	7%	19%	33%	35%
1976	Critical	11%	55%	83%	146%	147%	98%	21%	33%	21%	59%	113%	126%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-96%
1978	Wet	-58%	-31%	-55%	-57%	-80%	0%	0%	0%	0%	0%	-19%	-9%
1979	Above Normal	-17%	3%	46%	82%	98%	65%	14%	14%	7%	19%	-86%	-91%
1980	Wet	-50%	0%	-3%	-10%	51%	52%	12%	11%	6%	15%	26%	29%
1981	Dry	10%	9%	46%	82%	98%	65%	14%	14%	7%	19%	33%	-27%
1982	Wet	1%	-42%	-58%	-36%	0%	0%	0%	-73%	-72%	-90%	-50%	-1%
1983	Wet	-2%	-2%	6%	-13%	-2%	0%	0%	0%	0%	-1%	-3%	-6%
1984	Above Normal	0%	2%	30%	53%	78%	52%	12%	11%	6%	15%	26%	29%
1985	Dry	10%	8%	46%	82%	98%	65%	14%	14%	7%	19%	33%	-89%
1986	Wet	-77%	-1%	0%	-7%	89%	59%	13%	13%	7%	17%	30%	33%
1987	Critical	10%	30%	50%	88%	103%	69%	15%	14%	10%	19%	33%	36%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Wet	-3%	3%	8%	14%	98%	65%	14%	14%	7%	19%	33%	36%
1994	Critical	10%	23%	48%	84%	101%	67%	15%	14%	7%	19%	28%	-36%
1995	Wet	-69%	-35%	-60%	-35%	-87%	52%	12%	11%	6%	15%	26%	28%
1996	Wet	-54%	2%	22%	37%	78%	52%	12%	11%	6%	-77%	-53%	-54%
1997	Wet	2%	2%	7%	11%	78%	52%	12%	11%	6%	15%	26%	-73%
1998	Wet	-36%	-27%	-34%	-60%	-74%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	5%	46%	80%	96%	64%	14%	14%	7%	18%	32%	34%
2000	Above Normal	10%	4%	46%	82%	98%	65%	14%	14%	7%	19%	33%	36%
2001	Dry	10%	9%	46%	82%	98%	65%	14%	14%	7%	19%	33%	36%
2002	Dry	2%	2%	12%	21%	25%	16%	4%	4%	2%	5%	8%	9%
2003	Below Normal	10%	5%	50%	87%	104%	69%	15%	n/a	n/a	n/a	n/a	n/a

Simulated Merced River Inflow to San Joaquin River (Node C566)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	47	37	95
1931	Critical	276	385	372	382	408	296	131	100	105	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,506	241	149	519	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	464	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,441	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	282	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	570	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	75	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	75	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	56	10
1992	Critical	272	289	297	291	352	298	203	143	146	99	81	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	293	368	486	482	879	755	28	1,274	3,411	1,437	891	455
1923	Above Normal	472	304	962	1,270	1,017	263	209	681	588	215	870	601
1924	Critical	595	385	382	396	325	277	262	44	88	110	67	49
1925	Below Normal	282	419	425	428	689	423	502	535	218	120	79	55
1926	Dry	266	354	375	375	336	275	491	322	64	53	39	51
1927	Above Normal	274	322	313	381	441	280	171	441	172	140	86	91
1928	Below Normal	428	352	389	361	493	343	943	386	275	183	90	80
1929	Critical	297	387	387	408	435	330	661	110	136	52	56	93
1930	Critical	277	367	359	361	375	305	560	132	34	51	37	95
1931	Critical	276	385	372	382	408	296	131	100	108	145	94	74
1932	Above Normal	268	363	475	469	691	383	127	500	98	113	58	58
1933	Dry	311	386	383	426	371	339	538	195	82	73	42	30
1934	Critical	298	383	405	466	469	315	459	214	119	139	88	29
1935	Above Normal	282	389	409	580	428	587	344	505	234	186	102	56
1936	Above Normal	370	410	385	428	3,262	667	840	1,354	136	362	846	444
1937	Wet	711	424	417	416	4,211	1,256	311	2,305	620	651	839	449
1938	Wet	445	401	2,036	1,341	4,928	4,767	1,539	3,337	4,584	2,288	1,183	596
1939	Dry	835	397	383	443	516	455	851	490	139	70	75	68
1940	Above Normal	333	424	418	573	489	280	421	1,505	241	149	520	420
1941	Wet	463	427	1,288	1,340	3,119	1,858	863	3,103	2,400	1,795	1,090	508
1942	Wet	726	447	1,185	1,528	1,720	517	547	1,183	3,031	1,702	1,047	511
1943	Wet	496	549	783	2,172	1,977	3,173	934	1,119	439	591	972	496
1944	Below Normal	479	459	436	414	535	347	868	377	398	176	138	87
1945	Above Normal	357	489	446	441	2,978	840	259	777	463	990	970	427
1946	Above Normal	844	640	1,862	1,067	829	471	64	800	308	176	182	527
1947	Dry	718	532	963	621	870	325	532	195	154	68	81	77
1948	Below Normal	321	397	398	388	302	315	636	123	201	186	102	97
1949	Below Normal	350	404	386	402	394	361	517	103	267	125	123	70
1950	Below Normal	328	394	394	428	403	392	652	325	333	166	132	77
1951	Above Normal	331	402	2,576	1,733	1,641	454	282	488	312	190	118	63
1952	Wet	347	417	460	2,256	1,317	1,923	1,272	3,698	3,134	1,992	1,255	624
1953	Below Normal	449	428	334	1,080	728	360	673	525	195	144	128	55
1954	Below Normal	360	405	403	406	441	277	773	418	283	171	133	81
1955	Dry	316	392	409	537	442	340	423	242	150	124	115	55
1956	Wet	312	386	133	3,440	1,983	521	227	1,709	2,436	2,007	1,178	616
1957	Below Normal	587	422	409	411	409	368	674	365	338	199	156	82
1958	Wet	426	381	405	481	721	1,650	2,999	3,549	2,774	1,762	1,140	675
1959	Dry	482	395	382	395	564	339	877	551	176	111	118	94
1960	Critical	308	374	383	397	451	345	637	238	168	105	129	50
1961	Critical	286	365	387	372	397	325	168	202	149	91	57	41
1962	Below Normal	265	341	359	360	681	975	369	723	450	257	184	80
1963	Above Normal	348	362	376	376	410	469	461	865	460	281	196	158
1964	Dry	413	397	398	404	318	324	583	283	201	167	118	79
1965	Wet	348	356	528	1,780	497	355	527	717	448	1,278	1,478	638
1966	Below Normal	476	866	812	1,055	724	348	887	615	261	212	167	80
1967	Wet	294	366	400	408	424	970	1,771	2,663	4,194	4,107	1,513	799
1968	Dry	747	411	330	382	504	360	938	609	253	200	179	130
1969	Wet	275	431	434	1,027	4,196	1,537	2,123	5,555	4,196	2,485	1,259	713
1970	Above Normal	831	320	444	2,940	1,265	925	795	848	334	260	224	150
1971	Below Normal	383	375	359	425	384	333	730	673	318	260	190	104
1972	Dry	361	386	423	270	342	267	388	294	287	244	224	18
1973	Above Normal	309	412	432	474	889	652	327	2,356	608	654	1,065	577
1974	Wet	821	776	1,095	1,690	870	1,134	325	2,007	569	898	1,083	590
1975	Wet	672	350	409	307	2,028	1,083	373	881	2,373	1,220	1,092	540
1976	Critical	1,114	357	362	392	370	295	535	370	261	181	207	136
1977	Critical	354	311	322	373	257	238	568	254	179	152	101	45
1978	Wet	268	282	350	516	824	582	219	642	4,060	2,657	1,313	1,363
1979	Above Normal	508	579	441	1,541	1,932	1,486	482	1,414	359	268	857	446
1980	Wet	702	374	392	3,976	4,525	1,500	621	782	2,283	2,341	1,278	587
1981	Dry	632	398	444	479	455	481	945	598	244	172	170	97
1982	Wet	403	405	414	484	2,016	2,300	4,944	3,378	1,970	2,296	1,412	1,168
1983	Wet	1,351	1,754	2,298	3,657	4,416	6,069	1,410	2,951	7,393	5,989	2,464	1,098
1984	Above Normal	1,196	1,805	3,551	1,903	1,596	534	366	750	334	295	279	305
1985	Dry	893	338	334	488	761	373	585	407	278	240	210	101
1986	Wet	407	395	408	380	3,687	4,144	947	1,752	1,471	998	1,139	741
1987	Critical	559	416	418	381	380	395	544	301	188	134	137	87
1988	Critical	358	340	375	377	307	248	294	232	207	101	94	52
1989	Critical	257	274	322	304	310	341	167	44	146	79	65	67
1990	Critical	309	303	327	310	346	207	112	183	150	76	69	28
1991	Critical	249	258	274	292	207	359	200	172	152	118	60	10
1992	Critical	272	289	297	291	352	298	203	143	146	102	84	11
1993	Wet	208	313	350	684	449	438	189	482	986	1,541	1,109	642
1994	Critical	739	369	334	315	381	190	336	133	146	96	56	2
1995	Wet	239	327	317	611	386	3,727	1,054	3,023	5,178	4,938	1,721	509
1996	Wet	474	379	365	846	3,009	1,638	698	1,835	296	473	928	482
1997	Wet	619	845	3,494	9,912	2,144	1,215	171	594	246	153	543	521
1998	Wet	393	336	356	1,396	5,205	2,115	1,255	1,055	5,083	4,656	1,516	756
1999	Above Normal	742	382	296	820	2,028	364	384	778	299	178	198	100
2000	Above Normal	286	345	318	325	2,784	1,145	193	1,570	246	179	114	59
2001	Dry	687	496	392	389	391	367	260	211	248	78	86	24
2002	Dry	239	403	390	449	307	249	518	221	178	94	62	1
2003	Below Normal	226	316	353	327	287	243	254	533	165	82	67	41

Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1931	Critical	0	0	0	0	0	0	0	0	3	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	1	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	3	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	1	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	4	0
1992	Critical	0	0	0	0	0	0	0	0	0	3	4	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Merced River Inflow to San Joaquin River (Node C566)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	5%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,880	3,099	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,530	2,173	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,040	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,405	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,989	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,935	4,272	5,182	4,021	1,218	701	871	922
1938	Wet	667	1,293	3,806	3,052	13,217	16,013	11,079	13,008	9,495	2,492	1,269	1,098
1939	Dry	1,129	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,307	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	8,353	4,858	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	968	1,331	2,286	2,617	3,270	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	4,657	3,334	8,267	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	6,284	3,309	3,683	1,343	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	7,344	4,036	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,846	2,608	6,084	5,472	7,780	6,131	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,104	817	380	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	5,613	10,132	4,979	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,796	5,654	4,595	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,042	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,515	1,485	1,647	4,411	1,486	983	1,300	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	9,472	7,207	7,298	6,063	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	7,133	16,211	10,932	13,963	16,023	13,339	3,068	1,312	1,206
1970	Above Normal	1,108	1,251	1,017	5,487	2,378	2,751	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	3,045	1,714	2,986	4,137	2,598	956	913	1,102	1,048
1975	Wet	910	1,144	950	789	3,412	3,187	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,172	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	5,873	6,183	9,244	6,704	6,772	2,700	1,353	1,890
1979	Above Normal	706	1,294	965	2,495	3,656	3,882	3,482	1,745	500	278	874	902
1980	Wet	943	1,069	916	8,391	11,822	7,805	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,172	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,821	14,763	9,584	3,755	2,354	1,466	1,740
1983	Wet	1,666	5,161	11,180	14,179	17,603	22,576	14,744	13,742	17,787	11,028	2,542	1,674
1984	Above Normal	1,903	5,420	9,997	5,988	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	11,528	13,205	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,178	2,490	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,515	2,015	10,379	7,640	10,024	7,234	9,188	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,683	4,036	2,451	671	511	979	957
1997	Wet	861	2,152	9,139	32,086	8,783	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	11,880	5,705	9,076	7,257	11,979	9,052	1,556	1,248
1999	Above Normal	986	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,772	3,248	2,887	1,896	372	151	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	491	1,035	1,519	1,241	3,884	3,092	3,595	2,316	4,039	1,477	927	913
1923	Above Normal	704	1,293	2,163	2,341	2,131	1,474	3,338	1,212	863	284	905	1,118
1924	Critical	818	1,038	906	829	945	1,156	251	21	0	0	0	323
1925	Below Normal	392	811	755	675	1,767	1,717	2,712	983	456	108	96	512
1926	Dry	489	1,009	899	808	1,236	1,285	2,236	671	151	21	54	507
1927	Above Normal	480	1,288	1,000	929	2,789	1,845	3,736	905	430	159	119	547
1928	Below Normal	721	1,431	1,027	990	1,440	1,943	2,538	677	363	151	105	536
1929	Critical	494	1,085	911	842	1,174	1,438	1,081	349	255	17	45	538
1930	Critical	474	981	834	876	1,169	1,499	901	346	101	0	26	546
1931	Critical	476	1,065	863	816	1,069	1,103	0	59	0	0	0	332
1932	Above Normal	340	705	1,573	1,221	3,404	1,740	3,288	1,088	388	90	23	368
1933	Dry	457	909	807	885	1,001	1,434	1,604	431	223	0	7	339
1934	Critical	452	894	846	876	1,216	1,299	484	165	17	0	0	325
1935	Above Normal	446	898	898	1,641	1,408	2,374	4,599	1,246	593	239	136	513
1936	Above Normal	620	1,107	892	992	7,861	2,322	4,140	1,897	423	380	879	910
1937	Wet	963	1,140	990	1,705	9,102	4,034	4,058	3,214	1,218	701	871	922
1938	Wet	667	1,293	3,806	2,966	11,501	14,295	7,863	10,526	8,303	2,492	1,269	1,098
1939	Dry	1,238	1,350	956	942	1,363	1,761	1,747	844	243	53	89	603
1940	Above Normal	588	1,084	926	2,329	2,710	2,237	3,677	1,964	414	151	536	877
1941	Wet	686	1,091	2,451	2,432	6,947	4,856	5,156	5,354	4,413	1,916	1,160	1,000
1942	Wet	968	1,331	2,286	2,612	3,119	2,262	4,137	2,074	3,648	1,791	1,083	969
1943	Wet	719	1,546	1,373	3,977	3,384	6,792	4,394	1,641	700	594	1,006	953
1944	Below Normal	702	1,299	944	880	1,566	1,857	2,447	760	551	160	153	542
1945	Above Normal	591	1,321	1,018	924	5,250	3,309	3,683	1,344	891	1,009	986	893
1946	Above Normal	1,104	1,416	2,695	1,615	1,583	1,822	2,719	1,142	447	161	198	983
1947	Dry	950	1,349	1,665	1,104	1,638	1,271	1,552	348	231	36	97	533
1948	Below Normal	565	1,068	889	789	879	1,379	2,389	545	374	189	119	553
1949	Below Normal	574	1,029	878	819	1,078	1,808	1,673	399	406	110	139	526
1950	Below Normal	526	1,063	885	975	1,499	1,523	2,235	676	437	150	147	570
1951	Above Normal	574	1,924	4,524	3,269	2,773	1,880	3,079	771	418	176	135	520
1952	Wet	572	1,115	1,342	4,706	2,622	6,022	5,050	6,795	4,963	2,095	1,292	1,108
1953	Below Normal	666	1,331	1,021	1,953	1,505	1,376	2,103	818	379	146	151	511
1954	Below Normal	566	1,086	910	905	1,241	1,607	2,399	777	411	156	148	537
1955	Dry	513	1,063	949	1,117	1,191	1,409	1,623	583	271	108	130	520
1956	Wet	509	1,061	4,072	6,494	4,725	2,307	3,440	3,765	4,179	2,013	1,198	1,092
1957	Below Normal	812	1,207	916	845	1,129	1,459	2,194	877	493	184	172	547
1958	Wet	677	1,042	945	1,013	2,090	4,909	9,445	5,654	4,594	1,838	1,196	1,160
1959	Dry	696	1,040	890	861	1,561	1,394	1,628	761	230	79	134	639
1960	Critical	506	1,005	875	831	1,321	1,335	908	473	219	56	119	502
1961	Critical	485	1,063	911	805	1,055	1,292	119	228	104	0	11	446
1962	Below Normal	389	786	756	663	3,694	2,734	3,320	1,043	623	258	199	536
1963	Above Normal	580	1,007	867	1,021	1,887	1,839	4,207	1,502	684	317	230	633
1964	Dry	681	1,320	954	902	975	1,288	1,213	493	318	151	132	534
1965	Wet	599	1,138	1,833	3,503	1,485	1,647	4,411	1,486	983	1,299	1,538	1,112
1966	Below Normal	692	2,062	1,564	1,749	1,640	1,473	2,448	873	332	196	182	536
1967	Wet	491	1,064	1,638	1,249	1,484	3,037	8,881	6,521	6,356	4,231	1,568	1,275
1968	Dry	963	1,108	871	849	1,258	1,462	1,396	869	323	167	200	586
1969	Wet	500	1,129	1,088	5,520	12,975	8,276	10,198	11,467	10,882	3,054	1,312	1,206
1970	Above Normal	1,140	1,251	1,017	5,481	2,378	2,702	2,621	1,213	473	246	241	606
1971	Below Normal	599	1,090	1,127	1,070	1,141	1,494	2,458	1,038	473	245	206	560
1972	Dry	570	1,076	1,028	736	1,052	1,171	1,220	441	358	212	239	483
1973	Above Normal	527	1,180	972	1,217	3,475	3,151	3,775	2,799	844	641	1,083	1,034
1974	Wet	1,108	1,587	1,781	2,628	1,714	2,986	4,137	2,598	955	913	1,102	1,047
1975	Wet	910	1,144	950	789	3,412	3,197	3,516	1,494	2,614	1,240	1,129	996
1976	Critical	1,369	1,170	886	809	1,018	1,206	538	397	250	140	216	599
1977	Critical	487	770	703	660	685	239	413	212	65	0	0	317
1978	Wet	350	605	777	1,954	4,120	4,988	7,983	4,568	5,891	2,700	1,352	1,890
1979	Above Normal	706	1,294	965	2,495	3,529	3,712	3,482	1,745	499	277	874	902
1980	Wet	943	1,069	916	6,247	8,270	6,917	3,996	2,728	4,042	2,381	1,296	1,044
1981	Dry	832	1,243	968	1,043	1,185	1,761	2,016	827	298	156	185	553
1982	Wet	660	1,136	1,003	1,942	3,969	5,663	12,531	7,199	3,755	2,354	1,466	1,740
1983	Wet	1,666	4,140	7,844	11,688	17,537	22,463	14,604	14,162	16,698	11,004	2,542	1,674
1984	Above Normal	1,903	5,423	9,971	5,962	2,645	1,858	3,364	1,064	503	281	312	761
1985	Dry	1,153	1,086	891	954	1,567	1,650	1,722	538	355	209	225	557
1986	Wet	648	1,109	997	895	8,086	9,878	6,637	4,222	3,163	986	1,157	1,207
1987	Critical	791	1,203	926	814	1,130	1,609	615	347	223	93	120	532
1988	Critical	575	909	882	843	932	1,164	667	289	210	20	58	486
1989	Critical	454	938	830	722	966	1,501	692	83	151	0	31	595
1990	Critical	542	961	818	743	976	1,116	124	253	119	0	22	458
1991	Critical	467	788	749	693	791	2,014	1,016	204	130	0	0	298
1992	Critical	459	818	705	652	1,344	1,448	324	132	70	0	0	298
1993	Wet	372	843	806	3,170	2,177	2,482	3,545	2,499	2,791	1,595	1,161	1,099
1994	Critical	979	1,201	858	732	1,135	1,001	512	291	138	0	17	312
1995	Wet	404	905	741	2,514	2,015	8,688	6,167	7,418	7,010	4,963	1,759	1,002
1996	Wet	672	1,190	921	1,507	5,160	3,520	4,036	2,450	671	511	979	957
1997	Wet	861	2,105	7,179	25,999	7,508	2,530	3,215	2,326	1,886	140	560	977
1998	Wet	609	1,094	896	2,726	10,254	5,189	8,074	6,495	9,351	5,493	1,556	1,248
1999	Above Normal	1,049	1,326	869	1,449	3,174	1,599	2,588	1,119	421	163	231	590
2000	Above Normal	516	1,004	809	953	5,541	3,157	2,887	1,896	372	150	148	533
2001	Dry	1,031	1,158	900	871	1,253	1,798	1,302	394	303	62	118	489
2002	Dry	446	1,083	1,077	1,078	1,078	1,487	1,624	413	232	78	94	457
2003	Below Normal	423	1,030	1,007	842	1,023	1,339	2,085	815	270	101	113	498

Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-7	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-129	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-833	-238	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-86	-1,716	-1,718	-3,216	-2,482	-1,192	0	0	0
1939	Dry	109	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	23	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	-1,407	-2	0	0	0	0	0	0
1942	Wet	0	0	0	-5	-151	0	0	0	0	0	0	0
1943	Wet	0	0	0	-680	50	-1,475	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,035	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-140	14	-62	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,638	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-351	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-591	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,236	-2,657	-3,765	-4,555	-2,457	-14	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	11	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,195	-1,261	-2,135	-881	0	0	0
1979	Above Normal	0	0	0	0	-127	-169	0	0	0	-1	0	0
1980	Wet	0	0	0	-2,144	-3,553	-888	0	0	0	0	0	0
1981	Dry	0	71	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-2,491	-66	-114	-140	421	-1,089	-23	0	0
1984	Above Normal	0	3	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,443	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,691	-1,472	-2,605	-225	-4,225	0	0
1996	Wet	0	0	0	0	0	-163	0	0	0	0	0	0
1997	Wet	0	-47	-1,960	-6,087	-1,275	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,626	-516	-1,002	-762	-2,628	-3,559	0	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Merced River (Node C620)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-7%	-2%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-	-	-100%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	-	0%	-	-	-	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-8%	-6%	-22%	-20%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-3%	-13%	-11%	-29%	-19%	-13%	0%	0%	0%
1939	Dry	10%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-15%	2%	-18%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-16%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-38%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-3%	1%	-1%	-8%	-13%	-19%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-27%	-36%	-5%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-23%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-6%	-10%	-13%	-30%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-23%	-20%	-24%	-27%	-28%	-18%	0%	0%	0%
1970	Above Normal	3%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-53%	1727%	0%
1978	Wet	0%	0%	0%	0%	-30%	-19%	-14%	-32%	-13%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-3%	-4%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-26%	-30%	-11%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-3%	-15%	-25%	0%	0%	0%	0%
1983	Wet	0%	-20%	-30%	-18%	0%	-1%	-1%	3%	-6%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-30%	-25%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	208%	148%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-42%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-16%	-19%	-26%	-3%	-46%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-21%	-19%	-15%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-14%	-9%	-11%	-10%	-22%	-39%	0%	0%
1999	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-4%	-3%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,766	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	719	599	597	603	683	631	3,052	1,654	8,503	1,918	566	579
1923	Above Normal	719	595	688	1,938	1,919	846	2,953	1,357	608	575	566	587
1924	Critical	732	605	580	579	609	584	527	523	342	331	342	353
1925	Below Normal	428	442	440	427	454	473	1,644	1,621	470	380	389	408
1926	Dry	547	500	476	464	484	482	906	925	391	379	389	405
1927	Above Normal	479	449	452	456	519	517	1,479	1,380	697	556	568	582
1928	Below Normal	733	615	613	601	621	1,921	1,494	1,058	404	378	388	410
1929	Critical	547	495	477	468	498	474	742	708	349	333	341	363
1930	Critical	459	466	438	436	473	448	743	776	372	344	351	368
1931	Critical	457	453	449	437	465	440	535	527	348	334	344	354
1932	Above Normal	424	437	430	427	525	463	1,424	1,580	697	577	568	578
1933	Dry	736	630	591	582	612	599	906	871	425	384	393	414
1934	Critical	482	471	451	434	461	442	530	526	347	331	341	355
1935	Above Normal	435	445	437	436	468	429	1,544	1,554	707	562	565	587
1936	Above Normal	733	609	597	593	674	3,365	3,258	1,433	660	591	565	585
1937	Wet	732	621	600	590	3,546	4,463	3,412	1,476	640	555	566	586
1938	Wet	732	614	1,813	1,573	7,074	7,777	5,400	5,399	4,407	3,692	572	595
1939	Dry	871	650	602	593	708	1,391	956	961	394	384	397	412
1940	Above Normal	482	470	440	434	519	3,295	3,770	1,118	744	625	514	528
1941	Wet	640	526	755	1,084	4,974	4,885	4,455	1,195	1,264	2,550	618	547
1942	Wet	689	574	641	3,123	3,396	2,673	4,133	4,320	2,607	3,296	735	704
1943	Wet	814	641	627	3,258	3,218	6,191	3,701	1,487	1,989	1,078	501	436
1944	Below Normal	753	584	626	650	763	862	1,442	1,355	492	414	405	359
1945	Above Normal	529	453	389	529	1,760	3,929	2,250	1,422	536	688	634	574
1946	Above Normal	684	466	3,815	2,663	2,983	3,132	1,750	1,738	782	639	600	580
1947	Dry	660	576	675	615	606	625	799	738	359	322	352	345
1948	Below Normal	480	454	398	393	415	428	952	1,166	663	489	407	344
1949	Below Normal	519	468	412	519	482	742	854	896	384	354	359	343
1950	Below Normal	525	475	463	686	427	519	1,463	1,391	559	395	379	370
1951	Above Normal	513	206	3,175	3,720	3,681	2,822	2,448	1,502	364	422	399	370
1952	Wet	461	400	475	846	574	3,773	4,571	5,053	4,404	3,733	617	594
1953	Below Normal	680	479	517	639	1,152	642	1,907	1,765	334	519	433	400
1954	Below Normal	460	400	391	397	383	459	1,099	1,226	441	373	379	369
1955	Dry	468	385	420	702	365	481	845	794	368	338	352	343
1956	Wet	395	372	441	6,134	4,131	3,154	2,068	1,427	3,545	2,938	681	574
1957	Below Normal	700	478	491	518	551	558	1,807	1,880	393	399	408	408
1958	Wet	489	380	432	561	844	3,157	6,158	4,843	5,074	2,728	672	649
1959	Dry	753	519	581	624	798	1,259	982	956	362	349	333	366
1960	Critical	461	364	307	362	519	435	686	719	282	275	295	321
1961	Critical	310	330	282	337	346	387	465	436	246	236	256	235
1962	Below Normal	298	314	323	314	941	510	1,945	1,867	370	358	396	408
1963	Above Normal	464	273	315	425	493	245	1,457	1,259	485	527	500	515
1964	Dry	548	381	400	518	493	516	721	643	275	256	268	280
1965	Wet	343	266	234	3,716	3,505	3,071	3,121	1,179	361	543	626	745
1966	Below Normal	585	436	2,068	1,065	2,004	1,086	1,015	810	251	248	242	242
1967	Wet	389	267	318	582	285	984	4,465	3,877	6,473	6,510	589	643
1968	Dry	645	449	485	515	484	713	993	976	347	350	338	330
1969	Wet	398	367	288	936	5,418	3,858	5,074	6,784	7,532	3,819	459	495
1970	Above Normal	1,173	761	1,065	5,955	2,546	3,031	1,350	1,561	296	432	360	426
1971	Below Normal	673	503	532	524	456	884	1,465	1,586	367	333	350	358
1972	Dry	515	322	524	367	345	387	803	738	284	276	286	286
1973	Above Normal	315	451	522	524	826	593	1,447	1,279	888	484	509	512
1974	Wet	560	638	1,986	2,824	1,716	3,759	2,601	1,340	3,305	1,037	475	657
1975	Wet	1,070	1,088	789	643	2,087	3,616	2,266	1,493	2,885	1,270	558	533
1976	Critical	1,325	812	584	543	516	587	613	557	260	245	278	280
1977	Critical	284	307	322	295	303	305	383	398	178	170	167	153
1978	Wet	217	243	251	432	550	578	1,424	1,394	1,943	415	446	439
1979	Above Normal	393	710	611	1,016	3,462	4,230	2,026	5,601	490	550	625	516
1980	Wet	609	813	877	2,893	6,724	3,750	2,370	2,090	5,055	3,498	567	666
1981	Dry	743	775	519	693	579	733	1,000	938	316	321	348	341
1982	Wet	441	421	600	541	6,368	5,582	9,144	6,344	4,837	3,684	592	2,316
1983	Wet	3,137	3,109	5,299	5,241	6,686	16,085	5,017	7,859	4,319	6,270	2,851	2,043
1984	Above Normal	923	5,443	7,435	4,129	3,372	3,098	1,600	1,434	598	558	597	599
1985	Dry	743	974	430	489	609	658	865	915	411	340	367	359
1986	Wet	334	363	356	284	2,117	8,017	2,875	3,230	3,683	653	541	665
1987	Critical	1,169	1,300	566	596	523	708	620	614	276	256	265	253
1988	Critical	242	259	254	305	265	293	457	462	184	175	190	177
1989	Critical	194	220	245	244	243	340	575	574	188	187	203	212
1990	Critical	215	245	232	236	275	271	431	502	195	199	221	212
1991	Critical	214	239	223	208	232	449	494	600	173	183	201	188
1992	Critical	210	239	217	224	485	307	381	450	178	172	175	175
1993	Wet	213	208	217	781	481	305	1,126	1,495	3,364	2,064	326	404
1994	Critical	581	448	413	399	490	413	522	503	207	188	201	188
1995	Wet	230	218	223	518	152	7,471	4,667	9,465	5,093	8,345	1,768	773
1996	Wet	758	451	430	538	5,493	4,853	2,785	2,615	3,072	799	483	533
1997	Wet	592	419	6,252	17,695	3,680	2,823	1,246	1,251	482	499	486	486
1998	Wet	693	337	431	900	7,107	5,060	3,828	5,503	6,976	6,741	517	526
1999	Above Normal	962	506	580	1,969	4,961	3,643	1,835	1,340	498	497	501	506
2000	Above Normal	591	442	344	433	3,527	3,676	2,029	1,546	1,699	488	691	721
2001	Dry	692	465	418	518	400	949	794	713	326	293	314	303
2002	Dry	322	243	383	427	242	325	630	763	276	279	326	296
2003	Below Normal	315	247	294	264	241	297	1,072	1,062	244	228	283	269

Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Tuolumne River Inflow to San Joaquin River (Node C545)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,565	3,732	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,470	4,094	2,342	6,391	2,666	1,526	911	1,553	1,809
1924	Critical	1,666	1,672	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,238	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,386	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,931	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,664	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	13,482	8,736	8,692	5,591	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,626	20,292	23,793	16,585	18,515	13,968	6,255	1,935	1,799
1939	Dry	2,120	2,028	1,559	1,536	2,102	3,176	2,781	1,898	686	484	564	1,119
1940	Above Normal	1,184	1,580	1,366	2,741	3,230	5,533	7,543	3,176	1,211	827	1,132	1,504
1941	Wet	1,441	1,644	3,207	3,517	13,328	9,745	9,719	6,656	5,737	4,529	1,867	1,650
1942	Wet	1,775	1,933	2,928	5,741	6,668	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,916	6,554	14,460	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	8,044	7,240	6,029	2,861	1,488	1,755	1,707	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	10,519	7,757	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,693	3,184	9,891	10,148	12,937	10,603	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	715	669	1,011
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,586	2,092	908	579	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	6,054	16,267	9,111	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,966	10,614	9,737	4,635	1,963	1,915
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,182	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,356	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	813	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,232	4,991	4,746	7,626	2,760	1,404	1,907	2,269	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	14,048	11,197	13,847	12,642	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	8,069	21,630	14,824	19,140	22,906	20,936	6,956	1,866	1,808
1970	Above Normal	2,399	2,014	2,083	11,444	4,927	5,814	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,870	3,432	6,779	6,838	4,046	4,328	2,030	1,668	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,837	5,878	3,080	5,556	2,566	1,786	1,630
1976	Critical	2,812	2,011	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	6,423	6,763	10,782	8,209	8,780	3,184	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	7,121	8,145	5,601	7,433	1,043	884	1,583	1,519
1980	Wet	1,669	1,883	1,793	11,284	18,547	11,589	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	1,974	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,406	24,018	16,039	8,664	6,107	2,153	4,169
1983	Wet	4,924	8,272	16,480	19,422	24,291	38,665	19,873	21,715	22,171	17,368	5,492	3,830
1984	Above Normal	2,945	10,865	17,433	10,118	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	13,646	21,223	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	840	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	714	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,660	2,797	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,034	2,169	17,853	12,414	19,605	12,403	17,601	3,620	1,880
1996	Wet	1,547	1,668	1,353	2,047	10,656	8,570	6,919	5,177	3,803	1,371	1,551	1,592
1997	Wet	1,571	2,572	15,392	49,782	12,465	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	18,989	10,768	13,011	12,883	19,040	15,862	2,168	1,880
1999	Above Normal	2,068	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,300	6,957	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	383	484	867

Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,327	1,663	2,118	1,845	4,570	3,725	6,748	4,083	12,607	3,459	1,585	1,595
1923	Above Normal	1,541	1,889	2,853	4,281	4,052	2,342	6,391	2,666	1,526	910	1,552	1,809
1924	Critical	1,666	1,670	1,486	1,409	1,580	1,733	759	519	295	283	334	692
1925	Below Normal	843	1,254	1,195	1,102	2,221	2,220	4,452	2,713	991	542	570	1,021
1926	Dry	1,151	1,536	1,376	1,274	1,722	1,782	3,237	1,681	589	443	519	1,008
1927	Above Normal	1,073	1,737	1,451	1,385	3,308	2,395	5,309	2,379	1,186	770	771	1,230
1928	Below Normal	1,573	2,047	1,640	1,591	2,091	3,892	4,125	1,823	819	579	574	1,045
1929	Critical	1,156	1,581	1,389	1,311	1,673	1,930	1,825	1,030	571	300	377	917
1930	Critical	953	1,472	1,272	1,312	1,672	1,961	1,640	1,106	428	299	374	935
1931	Critical	953	1,519	1,312	1,253	1,535	1,553	519	579	306	287	339	703
1932	Above Normal	785	1,142	2,003	1,649	3,930	2,234	4,799	2,763	1,131	711	666	1,042
1933	Dry	1,306	1,565	1,399	1,468	1,613	2,055	2,578	1,395	692	423	472	848
1934	Critical	1,048	1,390	1,297	1,310	1,677	1,757	996	674	324	284	334	701
1935	Above Normal	903	1,344	1,335	2,077	1,876	2,803	6,242	2,898	1,349	846	780	1,197
1936	Above Normal	1,470	1,717	1,490	1,585	8,535	5,721	7,491	3,434	1,142	1,023	1,524	1,594
1937	Wet	1,812	1,788	1,590	2,296	12,649	8,498	7,569	4,784	1,908	1,304	1,516	1,606
1938	Wet	1,514	1,934	5,619	4,540	18,576	22,075	13,369	16,033	12,776	6,255	1,935	1,799
1939	Dry	2,229	2,028	1,559	1,536	2,102	3,176	2,780	1,897	685	482	562	1,118
1940	Above Normal	1,184	1,580	1,366	2,763	3,229	5,533	7,543	3,176	1,211	828	1,133	1,504
1941	Wet	1,441	1,644	3,207	3,516	11,921	9,743	9,719	6,656	5,737	4,528	1,867	1,650
1942	Wet	1,775	1,933	2,928	5,736	6,517	4,968	8,378	6,508	6,318	5,153	1,910	1,777
1943	Wet	1,651	2,189	2,000	7,236	6,605	12,986	8,195	3,231	2,749	1,735	1,597	1,492
1944	Below Normal	1,572	1,909	1,571	1,531	2,330	2,746	3,979	2,196	1,091	618	634	998
1945	Above Normal	1,236	1,774	1,407	1,453	7,010	7,240	6,029	2,860	1,488	1,754	1,706	1,569
1946	Above Normal	1,907	1,883	6,510	4,279	4,567	4,986	4,564	2,984	1,285	860	884	1,665
1947	Dry	1,727	1,927	2,342	1,719	2,274	1,884	2,420	1,174	648	408	529	977
1948	Below Normal	1,162	1,522	1,288	1,183	1,321	1,829	3,436	1,815	1,086	725	604	995
1949	Below Normal	1,210	1,524	1,290	1,339	1,590	2,577	2,600	1,393	846	519	585	970
1950	Below Normal	1,166	1,566	1,349	1,662	1,927	2,072	3,789	2,154	1,046	591	604	1,040
1951	Above Normal	1,205	2,130	7,699	6,989	6,455	4,734	5,622	2,365	839	656	620	991
1952	Wet	1,151	1,515	1,818	5,552	3,198	9,829	9,726	11,952	9,435	5,905	2,004	1,808
1953	Below Normal	1,463	1,839	1,539	2,594	2,659	2,033	4,104	2,675	773	714	668	1,010
1954	Below Normal	1,142	1,487	1,302	1,303	1,653	2,089	3,587	2,092	908	580	609	1,005
1955	Dry	1,096	1,448	1,369	1,820	1,557	1,913	2,561	1,475	688	494	561	962
1956	Wet	1,019	1,460	4,514	12,629	8,857	5,489	5,610	5,302	7,786	5,015	1,970	1,772
1957	Below Normal	1,628	1,712	1,408	1,364	1,710	2,035	4,089	2,861	938	631	658	1,054
1958	Wet	1,284	1,449	1,378	1,574	2,935	8,069	15,615	10,613	9,736	4,633	1,961	1,914
1959	Dry	1,567	1,587	1,472	1,486	2,362	2,675	2,686	1,802	643	476	549	1,112
1960	Critical	1,081	1,395	1,183	1,194	1,867	1,773	1,593	1,174	459	291	413	846
1961	Critical	816	1,393	1,193	1,142	1,431	1,692	580	661	313	201	272	703
1962	Below Normal	709	1,100	1,080	978	4,636	3,276	5,357	2,994	1,046	668	676	1,043
1963	Above Normal	1,160	1,307	1,182	1,447	2,381	2,117	5,763	2,866	1,222	896	812	1,248
1964	Dry	1,347	1,702	1,355	1,421	1,496	1,810	2,009	1,220	652	458	482	913
1965	Wet	1,060	1,404	2,067	7,220	4,991	4,746	7,626	2,760	1,404	1,907	2,268	1,960
1966	Below Normal	1,393	2,500	3,633	2,815	3,646	2,584	3,544	1,770	638	499	507	878
1967	Wet	995	1,332	1,956	1,832	1,771	4,055	13,457	10,511	12,904	10,810	2,252	2,023
1968	Dry	1,725	1,559	1,356	1,365	1,772	2,198	2,471	1,930	721	566	624	1,014
1969	Wet	1,015	1,496	1,376	6,456	18,394	12,167	15,375	18,351	18,479	6,942	1,866	1,808
1970	Above Normal	2,432	2,014	2,083	11,438	4,927	5,765	4,064	2,860	825	735	686	1,133
1971	Below Normal	1,389	1,594	1,660	1,595	1,599	2,406	4,015	2,714	890	625	635	1,016
1972	Dry	1,199	1,426	1,553	1,103	1,424	1,550	2,100	1,263	696	538	605	869
1973	Above Normal	957	1,632	1,494	1,742	4,303	3,746	5,319	4,169	1,788	1,180	1,676	1,647
1974	Wet	1,788	2,226	3,768	5,453	3,432	6,779	6,838	4,045	4,327	2,029	1,667	1,808
1975	Wet	2,100	2,261	1,739	1,433	5,501	6,847	5,878	3,080	5,556	2,566	1,787	1,630
1976	Critical	2,812	2,009	1,471	1,353	1,561	1,772	1,148	928	463	339	501	903
1977	Critical	792	1,077	1,025	956	1,012	531	774	611	196	122	159	490
1978	Wet	588	876	1,029	2,385	4,670	5,568	9,521	6,073	7,898	3,183	1,893	2,440
1979	Above Normal	1,216	2,006	1,577	3,512	6,994	7,976	5,600	7,431	1,041	881	1,580	1,518
1980	Wet	1,669	1,883	1,793	9,140	14,995	10,702	6,463	4,918	9,158	5,953	1,953	1,813
1981	Dry	1,691	2,045	1,488	1,737	1,796	2,526	3,109	1,851	666	528	614	993
1982	Wet	1,218	1,557	1,604	2,484	10,338	11,248	21,785	13,654	8,664	6,107	2,153	4,169
1983	Wet	4,924	7,251	13,144	16,931	24,226	38,551	19,733	22,135	21,083	17,344	5,492	3,830
1984	Above Normal	2,945	10,867	17,408	10,092	6,020	4,985	5,047	2,582	1,158	896	995	1,461
1985	Dry	2,015	2,062	1,321	1,443	2,178	2,338	2,681	1,539	824	603	676	1,017
1986	Wet	1,099	1,473	1,354	1,180	10,204	17,897	9,614	7,553	6,903	1,696	1,784	1,973
1987	Critical	2,077	2,530	1,492	1,411	1,683	2,341	1,234	939	455	306	381	803
1988	Critical	839	1,195	1,137	1,148	1,198	1,462	1,141	737	347	144	239	679
1989	Critical	668	1,157	1,075	966	1,237	1,857	1,251	639	297	147	234	837
1990	Critical	781	1,232	1,051	980	1,280	1,389	539	766	265	149	233	687
1991	Critical	701	1,053	973	900	1,050	2,488	1,507	783	262	137	199	504
1992	Critical	693	1,084	922	877	1,830	1,781	713	563	207	130	170	491
1993	Wet	608	1,078	1,024	3,951	2,659	2,788	4,771	4,103	6,219	3,716	1,572	1,604
1994	Critical	1,675	1,678	1,272	1,132	1,627	1,413	1,052	819	302	156	222	523
1995	Wet	658	1,124	965	3,033	2,169	16,162	10,941	16,999	12,177	13,374	3,618	1,879
1996	Wet	1,547	1,668	1,352	2,046	10,655	8,407	6,918	5,176	3,802	1,369	1,550	1,592
1997	Wet	1,571	2,525	13,432	43,695	11,190	5,371	4,538	3,668	2,431	701	1,136	1,567
1998	Wet	1,418	1,431	1,328	3,627	17,363	10,252	12,008	12,121	16,412	12,303	2,168	1,880
1999	Above Normal	2,131	1,834	1,451	3,419	8,138	5,272	4,518	2,555	974	716	816	1,196
2000	Above Normal	1,222	1,473	1,154	1,387	9,069	6,866	5,012	3,551	2,148	693	923	1,354
2001	Dry	1,727	1,651	1,318	1,390	1,654	2,779	2,186	1,198	678	403	510	890
2002	Dry	883	1,326	1,460	1,505	1,321	1,843	2,334	1,259	559	407	500	852
2003	Below Normal	852	1,278	1,302	1,107	1,265	1,663	3,251	1,966	568	382	484	867

Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-7	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-129	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-833	-238	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-86	-1,716	-1,718	-3,216	-2,482	-1,192	0	0	0
1939	Dry	109	0	0	0	0	0	-1	-1	-2	-2	-2	-1
1940	Above Normal	0	0	0	23	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,407	-2	0	0	0	0	0	0
1942	Wet	0	0	0	-5	-152	0	0	0	0	0	0	0
1943	Wet	0	0	0	-680	50	-1,475	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,035	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-140	14	-62	-422	-985	-1,168	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,638	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-351	-1	-1	-2	-1	-1
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-591	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,236	-2,657	-3,765	-4,555	-2,457	-14	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	11	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,195	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,553	-888	0	0	0	0	0	0
1981	Dry	0	71	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-2,491	-66	-114	-140	421	-1,089	-23	0	0
1984	Above Normal	0	3	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,443	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,691	-1,473	-2,606	-226	-4,227	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,087	-1,275	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,626	-516	-1,002	-762	-2,628	-3,560	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Below Tuolumne River (Node C630)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-3%	-13%	-14%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	-8%	-7%	-19%	-13%	-9%	0%	0%	0%
1939	Dry	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-11%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-9%	1%	-10%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-27%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	-1%	-4%	-8%	-11%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-25%	-22%	-3%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-14%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-20%	-15%	-18%	-20%	-20%	-12%	0%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-27%	-18%	-12%	-26%	-10%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-19%	-19%	-8%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-9%	-15%	0%	0%	0%	0%
1983	Wet	0%	-12%	-20%	-13%	0%	0%	-1%	2%	-5%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-25%	-16%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-12%	-13%	-2%	-24%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-2%	-13%	-12%	-10%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-9%	-5%	-8%	-6%	-14%	-22%	0%	0%
1999	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,701	1,467	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	2,069	1,704	1,855	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,265	1,375	1,424	678	586	1,470
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,768	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	826	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,309	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	980	259	311	335	264	1,702	1,894	1,552	1,105	412	456	486
1923	Above Normal	985	354	403	1,195	1,036	1,582	1,770	1,523	1,348	511	456	493
1924	Critical	1,097	318	262	280	253	200	767	733	407	403	428	423
1925	Below Normal	823	348	304	304	244	269	1,843	1,401	531	377	439	436
1926	Dry	960	320	262	273	239	200	885	882	337	377	439	434
1927	Above Normal	822	455	288	321	242	320	1,866	1,529	1,298	377	439	436
1928	Below Normal	970	348	304	302	234	481	1,830	1,454	478	377	439	436
1929	Critical	955	302	280	302	232	232	828	875	371	366	428	423
1930	Critical	807	263	200	315	225	378	767	791	352	378	430	423
1931	Critical	810	248	200	281	240	200	626	572	373	418	428	423
1932	Above Normal	752	248	383	330	227	238	767	868	370	380	439	434
1933	Dry	819	266	200	315	223	235	461	722	370	381	439	434
1934	Critical	760	263	311	316	221	207	594	645	361	404	406	375
1935	Above Normal	755	302	288	348	216	339	864	747	421	554	439	434
1936	Above Normal	773	260	225	338	609	337	1,040	725	982	478	439	437
1937	Wet	827	266	262	321	248	488	1,783	1,403	768	476	439	436
1938	Wet	960	309	336	327	470	2,072	2,277	1,946	1,616	721	711	1,981
1939	Dry	1,152	456	380	420	367	238	1,702	1,466	414	377	439	449
1940	Above Normal	960	266	225	371	241	1,772	1,917	1,459	1,105	511	456	486
1941	Wet	1,016	384	368	454	432	1,950	1,961	2,187	1,635	632	469	469
1942	Wet	1,028	588	383	323	574	1,930	2,101	1,782	1,298	785	594	794
1943	Wet	1,119	483	710	2,524	2,306	3,377	1,964	1,786	1,430	615	593	629
1944	Below Normal	1,120	481	494	543	588	468	1,987	1,438	625	457	461	441
1945	Above Normal	981	378	385	390	401	1,678	1,586	1,712	1,279	568	517	523
1946	Above Normal	1,012	329	200	552	494	1,662	1,586	1,554	1,205	448	481	497
1947	Dry	968	343	347	404	376	242	820	846	419	351	393	394
1948	Below Normal	782	341	292	362	799	332	767	820	593	506	439	404
1949	Below Normal	794	337	325	325	389	318	767	810	524	379	409	380
1950	Below Normal	768	320	330	345	283	407	767	1,103	809	391	405	409
1951	Above Normal	766	403	476	866	2,300	1,733	1,671	1,834	1,160	412	417	411
1952	Wet	884	281	223	294	236	1,648	1,964	1,704	1,959	2,651	1,993	1,833
1953	Below Normal	1,104	434	423	965	1,107	1,672	1,721	1,883	1,251	616	454	480
1954	Below Normal	995	325	316	351	440	297	1,512	1,488	516	371	393	357
1955	Dry	891	269	302	481	484	365	902	695	527	330	357	359
1956	Wet	761	290	345	736	562	1,718	1,841	1,467	1,363	613	484	463
1957	Below Normal	968	294	281	342	369	1,645	1,796	1,597	1,123	461	456	481
1958	Wet	997	353	336	334	459	1,636	2,209	1,375	1,424	678	586	1,525
1959	Dry	1,058	360	403	445	1,286	474	1,875	1,519	470	348	401	435
1960	Critical	918	337	316	343	394	312	848	892	330	322	362	341
1961	Critical	734	305	307	333	340	314	829	772	296	307	321	312
1962	Below Normal	703	282	286	301	329	369	886	1,000	314	413	411	403
1963	Above Normal	803	343	304	353	723	625	941	1,145	772	498	451	439
1964	Dry	836	348	286	354	409	349	891	862	354	339	379	383
1965	Wet	777	338	200	435	238	1,635	1,748	1,911	1,078	471	532	529
1966	Below Normal	1,027	325	301	393	474	388	1,685	1,530	471	335	361	351
1967	Wet	886	282	271	282	1,286	1,622	1,712	1,375	1,353	948	582	670
1968	Dry	1,182	260	288	380	393	345	1,900	1,596	467	335	389	373
1969	Wet	953	319	339	365	874	2,074	2,401	1,638	3,844	2,122	1,858	1,725
1970	Above Normal	1,206	446	975	4,869	2,861	1,971	1,954	1,668	1,215	468	480	559
1971	Below Normal	1,020	269	280	336	383	1,816	1,922	1,835	1,111	568	493	536
1972	Dry	1,196	248	200	349	507	470	1,655	1,379	458	344	378	369
1973	Above Normal	886	300	306	310	470	295	1,866	1,352	1,176	421	452	505
1974	Wet	970	235	223	269	473	1,656	1,981	1,481	1,400	560	500	649
1975	Wet	1,110	335	444	349	236	1,778	1,984	1,794	1,597	589	582	603
1976	Critical	914	471	297	368	385	328	1,595	1,331	406	309	350	329
1977	Critical	851	275	263	293	496	529	767	743	246	284	308	241
1978	Wet	640	213	226	350	278	200	1,549	1,282	741	546	459	480
1979	Above Normal	1,012	377	320	226	274	238	1,813	1,282	1,369	421	450	430
1980	Wet	957	322	200	226	721	1,832	2,417	2,061	1,618	692	646	756
1981	Dry	1,137	485	405	503	457	368	1,792	1,657	438	405	372	394
1982	Wet	951	263	291	387	2,683	3,447	2,873	1,724	1,303	1,760	1,982	3,061
1983	Wet	1,975	2,610	3,123	4,158	5,112	6,143	2,041	1,830	5,003	4,537	2,706	3,081
1984	Above Normal	1,540	3,414	5,077	2,121	2,201	1,912	1,952	1,838	1,210	499	568	713
1985	Dry	1,129	340	225	335	441	416	1,675	1,556	501	299	380	462
1986	Wet	990	383	311	311	553	4,938	2,344	1,810	1,222	632	466	597
1987	Critical	1,109	410	511	483	368	370	1,601	1,335	405	305	349	310
1988	Critical	853	238	270	295	338	200	808	753	285	260	277	303
1989	Critical	679	248	267	281	313	205	853	817	338	350	380	410
1990	Critical	716	257	248	267	315	203	667	650	268	286	338	322
1991	Critical	764	469	249	242	396	334	455	679	312	302	326	245
1992	Critical	678	379	239	241	347	209	610	616	256	150	150	159
1993	Wet	588	216	225	354	308	243	466	643	391	288	368	434
1994	Critical	583	247	232	233	254	200	591	588	304	331	305	300
1995	Wet	577	228	242	503	590	446	1,583	1,407	528	383	401	347
1996	Wet	849	270	272	336	229	1,843	1,710	1,553	1,038	399	442	442
1997	Wet	909	464	3,308	8,129	6,297	2,231	1,640	1,460	1,059	452	421	421
1998	Wet	964	257	247	324	1,720	2,030	2,029	1,656	1,156	2,540	2,245	2,218
1999	Above Normal	1,440	856	1,075	1,562	3,387	1,835	1,628	1,585	1,461	366	418	444
2000	Above Normal	889	250	241	327	316	1,777	1,697	1,484	1,085	382	385	401
2001	Dry	856	264	243	308	314	311	1,512	1,337	411	315	301	317
2002	Dry	813	220	286	321	604	238	767	936	546	306	365	343
2003	Below Normal	681	233	262	250	700	248	767	895	474	336	340	307

Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	1	-1	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	-105	0	104	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-56	0	0	0	0	55
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-56	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	48	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Stanislaus River Inflow to San Joaquin River (Node C528)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-5%	0%	6%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	4%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,606	6,902	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,714	5,745	4,500	9,001	5,669	3,668	2,318	2,542	2,798
1924	Critical	3,244	2,425	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,665	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,806	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	14,276	10,642	11,498	8,827	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,922	21,822	29,258	20,332	22,988	16,670	8,698	3,319	4,389
1939	Dry	3,805	2,915	2,366	2,499	2,821	3,780	4,927	3,818	1,609	1,352	1,499	2,034
1940	Above Normal	2,554	2,163	1,901	3,369	4,004	8,796	10,538	6,069	3,097	1,883	2,084	2,456
1941	Wet	2,868	2,349	3,993	4,493	14,561	13,568	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,267	2,888	3,834	6,846	8,168	8,134	11,477	9,816	8,424	7,140	3,064	3,088
1943	Wet	3,242	3,036	3,211	11,165	9,599	19,912	11,416	6,439	4,958	2,924	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,646	2,474	2,235	2,425	8,951	10,053	8,371	5,900	3,517	3,075	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	12,749	12,419	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,482	4,257	12,946	13,547	16,980	13,491	9,341	4,524	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,101	2,553	1,910	1,607	1,948
1954	Below Normal	2,548	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	7,461	19,102	11,694	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,900	13,962	12,093	6,066	3,079	3,880
1959	Dry	3,111	2,394	2,257	2,365	3,863	3,472	4,926	3,723	1,606	1,270	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,934	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,826	6,344	7,122	10,192	5,396	3,065	2,951	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,325	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,952	14,354	16,075	15,030	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	8,840	24,342	20,192	22,934	26,687	25,760	9,967	4,296	4,061
1970	Above Normal	4,023	2,939	3,574	16,902	8,596	8,542	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	6,330	4,470	8,815	9,275	5,834	6,188	3,401	2,806	2,839
1975	Wet	3,646	3,055	2,560	2,421	6,159	8,913	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,002	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	7,031	8,064	13,787	11,739	10,121	4,353	2,866	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	8,002	9,401	8,133	9,047	2,978	1,745	2,558	2,340
1980	Wet	3,194	2,546	2,220	11,893	19,878	16,644	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	2,953	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,801	28,420	19,362	11,149	8,697	4,735	7,447
1983	Wet	7,311	11,273	20,999	26,497	32,051	48,707	24,261	25,796	28,041	24,415	9,187	7,913
1984	Above Normal	4,918	16,551	23,989	15,333	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	14,549	28,070	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,252	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	555	596	950
1993	Wet	1,399	1,503	1,480	4,802	3,761	3,770	5,505	5,004	7,100	4,329	2,326	2,619
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	906	904	1,230
1995	Wet	1,595	1,669	1,445	3,767	3,427	19,501	14,534	23,017	13,949	19,523	4,726	2,901
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,477	9,677	7,692	5,893	2,581	2,579	2,728
1997	Wet	3,186	3,507	19,751	59,984	22,927	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	21,678	14,508	16,166	15,728	20,601	20,102	5,658	4,857
1999	Above Normal	4,546	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,903	9,361	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	2,641	2,198	2,851	2,714	5,611	6,895	9,536	8,010	14,757	5,238	2,586	2,586
1923	Above Normal	2,939	2,495	3,888	6,525	5,702	4,500	9,001	5,669	3,668	2,317	2,541	2,798
1924	Critical	3,244	2,424	2,047	1,919	1,996	2,142	1,933	1,720	1,194	1,113	1,208	1,525
1925	Below Normal	1,984	1,819	1,827	1,709	2,709	3,102	7,230	5,777	2,363	1,573	1,514	1,932
1926	Dry	2,540	2,207	2,004	1,943	2,189	2,478	4,957	3,397	1,539	1,308	1,440	1,898
1927	Above Normal	2,289	2,458	2,138	2,180	4,025	3,792	8,065	5,382	3,275	1,887	1,818	2,221
1928	Below Normal	3,050	2,784	2,393	2,492	2,623	5,122	6,709	4,245	1,947	1,545	1,559	1,986
1929	Critical	2,590	2,273	2,023	1,977	2,107	2,445	3,050	2,425	1,441	1,207	1,332	1,816
1930	Critical	2,151	2,071	1,756	1,821	2,071	2,628	2,879	2,441	1,294	1,265	1,372	1,866
1931	Critical	2,184	2,098	1,840	1,836	1,928	1,957	1,525	1,567	1,158	1,205	1,220	1,542
1932	Above Normal	1,861	1,618	2,682	2,202	4,664	3,456	6,214	4,999	2,265	2,093	1,698	2,021
1933	Dry	2,623	2,256	1,918	2,065	2,034	2,585	3,407	2,558	1,567	1,305	1,401	1,743
1934	Critical	2,229	1,998	1,964	1,997	2,128	2,233	1,921	1,675	1,146	1,123	1,184	1,482
1935	Above Normal	1,994	1,907	1,934	2,683	2,424	3,540	8,293	5,200	2,586	2,020	1,714	2,096
1936	Above Normal	2,680	2,348	2,084	2,326	9,677	7,568	9,566	5,687	2,929	2,151	2,464	2,501
1937	Wet	3,067	2,408	2,249	3,088	13,443	10,404	10,375	8,021	3,569	2,424	2,460	2,515
1938	Wet	2,912	2,587	6,556	5,837	20,106	27,541	17,116	20,505	15,479	8,698	3,319	4,389
1939	Dry	3,914	2,915	2,366	2,499	2,821	3,780	4,926	3,816	1,607	1,350	1,497	2,034
1940	Above Normal	2,553	2,163	1,901	3,392	4,004	8,796	10,538	6,069	3,098	1,884	2,085	2,456
1941	Wet	2,869	2,349	3,993	4,493	13,154	13,566	12,832	10,856	8,316	6,425	2,913	2,650
1942	Wet	3,267	2,888	3,834	6,841	8,016	8,134	11,477	9,816	8,424	7,140	3,064	3,087
1943	Wet	3,242	3,036	3,211	10,484	9,649	18,437	11,416	6,439	4,958	2,923	2,718	2,613
1944	Below Normal	3,142	2,768	2,428	2,465	3,160	3,677	6,385	4,251	2,268	1,585	1,597	1,910
1945	Above Normal	2,647	2,474	2,235	2,425	7,917	10,053	8,371	5,900	3,516	3,074	2,779	2,605
1946	Above Normal	3,414	2,622	7,309	5,797	5,847	7,217	6,788	5,819	3,230	1,851	1,878	2,644
1947	Dry	3,122	2,611	3,121	2,682	2,918	2,440	3,651	2,524	1,587	1,229	1,402	1,824
1948	Below Normal	2,349	2,148	1,888	1,798	2,255	2,291	4,601	3,381	2,269	1,753	1,535	1,861
1949	Below Normal	2,420	2,193	1,908	1,882	2,150	3,201	3,800	2,808	1,921	1,364	1,472	1,802
1950	Below Normal	2,330	2,189	1,978	2,237	2,429	2,837	5,167	3,994	2,441	1,456	1,489	1,904
1951	Above Normal	2,364	2,798	9,930	11,652	9,676	7,514	7,746	5,029	2,611	1,557	1,526	1,863
1952	Wet	2,456	2,115	2,447	6,342	4,272	12,884	13,020	15,995	12,427	9,341	4,523	4,130
1953	Below Normal	3,001	2,589	2,404	4,138	4,241	3,994	6,229	5,100	2,552	1,909	1,607	1,948
1954	Below Normal	2,547	2,139	1,918	1,888	2,287	2,797	5,667	4,391	2,029	1,418	1,481	1,814
1955	Dry	2,366	1,958	1,981	2,558	2,287	2,543	3,827	2,597	1,718	1,282	1,388	1,767
1956	Wet	2,141	1,960	5,920	15,464	11,439	8,473	8,074	8,159	9,920	6,331	3,016	2,756
1957	Below Normal	3,053	2,370	2,043	2,070	2,229	3,975	6,271	4,976	2,588	1,574	1,606	1,997
1958	Wet	2,714	2,168	2,065	2,267	3,681	10,674	19,493	13,961	12,091	6,064	3,078	3,934
1959	Dry	3,110	2,394	2,256	2,365	3,863	3,472	4,926	3,724	1,606	1,271	1,411	1,987
1960	Critical	2,367	1,992	1,776	1,715	2,415	2,280	2,765	2,429	1,252	1,026	1,211	1,588
1961	Critical	1,861	1,908	1,778	1,655	1,881	2,141	1,725	1,776	1,068	908	1,013	1,404
1962	Below Normal	1,695	1,553	1,609	1,373	5,171	4,356	6,652	4,522	1,887	1,559	1,571	1,901
1963	Above Normal	2,359	1,951	1,836	2,156	3,427	3,438	7,458	5,086	2,677	1,933	1,756	2,150
1964	Dry	2,647	2,447	2,064	2,312	2,145	2,342	3,258	2,474	1,492	1,249	1,322	1,733
1965	Wet	2,228	2,019	2,945	8,814	6,344	7,122	10,192	5,396	3,065	2,950	3,307	2,969
1966	Below Normal	2,921	3,289	4,551	4,216	4,548	3,322	5,590	3,695	1,599	1,303	1,324	1,664
1967	Wet	2,250	1,850	2,740	2,870	3,427	6,446	16,305	13,668	15,133	13,198	3,409	3,222
1968	Dry	3,403	2,219	2,071	2,287	2,427	2,873	4,750	3,924	1,680	1,349	1,488	1,838
1969	Wet	2,361	2,079	2,086	7,227	21,154	17,535	19,169	22,132	23,302	9,953	4,296	4,061
1970	Above Normal	4,055	2,939	3,574	16,896	8,596	8,493	6,438	4,866	2,310	1,893	1,558	2,092
1971	Below Normal	2,889	2,210	2,187	2,524	2,409	4,528	6,391	5,009	2,445	1,675	1,519	1,917
1972	Dry	2,968	2,062	2,048	1,704	2,257	2,301	4,078	3,061	1,596	1,338	1,429	1,663
1973	Above Normal	2,327	2,198	2,045	2,307	4,943	4,998	7,842	5,842	3,399	2,003	2,514	2,550
1974	Wet	3,328	2,683	4,439	5,913	4,470	8,815	9,274	5,834	6,187	3,401	2,806	2,839
1975	Wet	3,645	3,055	2,560	2,421	6,159	8,923	8,243	5,057	7,707	3,715	2,878	2,555
1976	Critical	3,937	3,000	2,105	2,121	2,369	2,392	3,132	2,719	1,339	1,226	1,517	1,636
1977	Critical	2,095	1,609	1,501	1,468	1,613	1,203	1,859	1,776	747	744	800	1,027
1978	Wet	1,427	1,318	1,475	3,060	5,278	6,869	12,526	9,603	9,239	4,352	2,865	3,322
1979	Above Normal	2,734	2,955	2,437	4,119	7,875	9,231	8,132	9,045	2,975	1,742	2,555	2,339
1980	Wet	3,193	2,546	2,220	9,749	16,325	15,756	9,015	8,049	11,517	7,425	3,255	2,807
1981	Dry	3,420	3,024	2,227	2,438	2,535	3,336	5,319	4,111	1,678	1,470	1,413	1,788
1982	Wet	2,626	2,140	2,208	3,302	13,439	15,644	26,187	16,977	11,149	8,697	4,735	7,447
1983	Wet	7,311	10,253	17,662	24,007	31,986	48,594	24,121	26,216	26,952	24,391	9,187	7,913
1984	Above Normal	4,918	16,554	23,964	15,308	9,901	8,585	8,312	5,373	3,179	2,083	2,337	3,288
1985	Dry	4,312	3,053	2,014	2,345	2,976	3,243	4,777	3,635	1,733	1,530	1,718	2,117
1986	Wet	2,706	2,422	2,190	1,976	11,106	24,743	13,782	10,543	9,437	3,066	2,985	3,487
1987	Critical	4,077	3,490	2,252	2,147	2,158	3,241	3,114	2,644	1,344	1,101	1,298	1,708
1988	Critical	2,251	1,840	1,745	1,758	1,783	1,792	2,289	1,898	1,061	802	995	1,428
1989	Critical	1,528	1,748	1,669	1,577	1,861	2,159	2,510	1,795	988	910	1,130	1,824
1990	Critical	1,923	1,805	1,619	1,541	1,876	1,724	1,365	1,773	908	785	952	1,398
1991	Critical	1,813	1,760	1,507	1,372	1,687	3,135	2,207	1,714	1,004	846	926	1,087
1992	Critical	1,651	1,695	1,398	1,326	2,618	2,300	1,442	1,368	694	554	596	950
1993	Wet	1,398	1,503	1,480	4,802	3,760	3,761	5,505	5,004	7,100	4,329	2,325	2,618
1994	Critical	2,717	2,312	1,748	1,568	2,116	1,898	1,908	2,021	1,057	907	904	1,230
1995	Wet	1,595	1,669	1,445	3,766	3,427	17,809	13,061	20,411	13,723	15,296	4,724	2,900
1996	Wet	3,231	2,693	2,198	2,774	11,297	10,314	9,676	7,691	5,892	2,579	2,578	2,727
1997	Wet	3,186	3,460	17,791	53,896	21,652	10,609	6,962	6,404	4,322	1,855	2,406	2,928
1998	Wet	3,041	2,157	2,096	4,225	20,051	13,992	15,164	14,966	17,973	16,543	5,658	4,857
1999	Above Normal	4,609	3,524	3,282	5,199	11,657	7,908	7,243	5,251	3,277	1,839	1,993	2,347
2000	Above Normal	2,828	2,281	1,772	2,300	9,673	9,270	7,176	5,895	3,979	1,700	1,907	2,537
2001	Dry	3,160	2,628	2,230	2,388	2,388	3,820	4,158	3,105	1,589	1,251	1,421	1,865
2002	Dry	2,282	2,045	2,135	2,545	2,287	2,607	3,398	2,667	1,523	1,163	1,351	1,723
2003	Below Normal	1,865	1,826	1,936	1,794	2,287	2,376	4,343	3,369	1,558	1,280	1,461	1,749

Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	5	-7	0	0	0	0	0	0
1923	Above Normal	0	0	0	-189	-42	0	0	0	0	0	0	0
1924	Critical	0	-1	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	-129	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	-833	-238	-1,123	-807	0	0	0	0
1938	Wet	0	0	0	-86	-1,716	-1,718	-3,216	-2,482	-1,192	0	0	0
1939	Dry	109	0	0	0	0	0	0	-2	-2	-2	-2	-1
1940	Above Normal	0	0	0	23	0	0	0	0	1	1	1	0
1941	Wet	0	0	0	0	-1,407	-2	0	0	0	0	0	0
1942	Wet	0	0	0	-5	-152	0	0	0	0	0	0	0
1943	Wet	0	0	0	-680	50	-1,475	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	-1,035	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-2,820	-768	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	-140	14	-62	-527	-985	-1,064	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	-1,541	-3,638	-254	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-407	-1	-1	-2	-1	54
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	-12	0	0	0	0	0	-1	-1	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	-647	-686	-942	-1,832	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	-1,613	-3,188	-2,657	-3,765	-4,555	-2,457	-14	0	0
1970	Above Normal	32	0	0	-6	0	-49	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	-417	0	0	0	0	-1	-1	-1	0
1975	Wet	0	0	0	0	0	11	0	0	0	0	0	0
1976	Critical	0	-2	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	-1,753	-1,195	-1,261	-2,136	-882	-1	-1	0
1979	Above Normal	0	0	0	0	-127	-169	-1	-2	-2	-3	-2	-1
1980	Wet	0	0	0	-2,144	-3,553	-888	0	0	0	0	0	0
1981	Dry	0	71	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	-157	-2,233	-2,385	0	0	0	0
1983	Wet	0	-1,021	-3,336	-2,491	-66	-114	-140	421	-1,089	-23	0	0
1984	Above Normal	0	3	-25	-25	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-3,443	-3,326	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	-1	-9	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	-1	0	-1,691	-1,473	-2,606	-226	-4,227	-2	-1
1996	Wet	0	0	0	0	0	-163	-1	-1	-1	-1	-1	0
1997	Wet	0	-47	-1,960	-6,087	-1,275	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	-1,626	-516	-1,002	-762	-2,628	-3,560	-1	0
1999	Above Normal	63	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	-231	-91	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated Flow at San Joaquin River Upstream from Vernalis (Node C637)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	-6%	-2%	-10%	-9%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-1%	-8%	-6%	-16%	-11%	-7%	0%	0%	0%
1939	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-6%	1%	-7%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-22%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-21%	-19%	-2%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	1%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-6%	-12%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-18%	-13%	-13%	-16%	-17%	-10%	0%	0%	0%
1970	Above Normal	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	-25%	-15%	-9%	-18%	-9%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	-18%	-18%	-5%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	-8%	-12%	0%	0%	0%	0%
1983	Wet	0%	-9%	-16%	-9%	0%	0%	-1%	2%	-4%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	-12%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-9%	-10%	-11%	-2%	-22%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-10%	-10%	-6%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-8%	-4%	-6%	-5%	-13%	-18%	0%	0%
1999	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Jones Pumping Plant (Node D418)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,199	4,509	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,705	4,239	2,937	1,119	800	3,368	4,581	3,826	4,600
1924	Critical	4,578	4,156	3,520	3,879	2,103	800	941	816	274	800	1,275	2,843
1925	Dry	3,095	1,565	3,841	3,218	2,331	2,831	1,198	954	3,444	4,600	3,937	3,603
1926	Dry	3,789	4,206	3,564	3,219	1,726	1,041	1,226	800	2,104	3,113	2,339	3,784
1927	Wet	3,535	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,051	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,070	2,600	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,325	3,029	3,159	2,407	2,505	2,065	1,414	1,185	1,125	2,662	1,521	2,604
1931	Critical	3,467	3,245	3,200	3,265	3,286	1,122	800	800	414	600	1,274	2,781
1932	Dry	3,008	2,436	4,600	3,415	1,772	1,090	800	800	1,788	800	3,245	4,600
1933	Critical	3,460	3,071	3,204	682	960	1,303	800	800	545	800	4,600	4,071
1934	Critical	2,934	2,589	1,162	473	712	616	800	800	417	600	3,605	2,805
1935	Below Normal	1,897	3,050	4,210	2,831	828	1,499	1,031	800	2,946	3,153	2,001	4,179
1936	Below Normal	4,342	3,857	4,082	1,760	729	2,045	1,190	800	2,813	3,971	2,694	4,600
1937	Below Normal	4,107	3,751	4,251	2,801	1,036	617	1,286	1,096	979	3,258	2,393	4,600
1938	Wet	3,470	4,600	3,904	815	923	1,987	2,537	4,122	4,600	4,600	4,600	4,490
1939	Dry	3,818	800	4,250	3,409	3,888	1,765	862	800	445	4,446	2,307	4,045
1940	Above Normal	3,378	3,750	2,548	2,598	3,311	4,600	1,311	800	2,744	3,887	4,600	4,041
1941	Wet	3,108	2,741	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,576
1942	Wet	3,381	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,700	4,600	4,033	4,600	4,600	4,600	1,422	800	3,471	4,600	4,600	4,600
1944	Dry	3,304	3,950	4,403	3,405	3,680	2,425	1,056	800	1,747	3,715	2,208	3,114
1945	Below Normal	3,433	4,600	3,813	3,431	3,899	4,096	1,041	800	2,067	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,345	842	800	2,721	4,600	4,600	4,249
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,523	4,170
1948	Below Normal	3,766	4,482	3,490	2,030	904	2,529	800	800	2,679	4,266	4,270	4,600
1949	Dry	4,600	4,225	4,281	3,222	3,319	1,930	800	800	1,733	4,600	4,148	4,600
1950	Below Normal	4,264	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,280	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,141	1,006	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,202	3,931	4,600	3,889	4,600	1,688	2,115	4,600	4,600	4,600	4,600
1953	Wet	3,341	3,892	4,600	3,176	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,342	4,576	4,522	2,081	2,499	3,446	937	800	2,621	2,999	4,600	4,600
1955	Dry	3,134	4,426	4,600	3,587	3,631	2,451	945	800	598	4,600	2,591	3,738
1956	Wet	3,158	4,188	4,600	4,600	4,056	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,628	4,600	4,291	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,898
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,483	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,731	3,805	4,600	2,193	3,021	3,469	1,218	912	1,664	4,515	4,600	3,616
1960	Dry	3,554	3,425	3,654	3,251	2,231	2,433	800	1,179	1,516	4,050	2,116	4,107
1961	Dry	3,625	4,061	4,600	3,319	2,008	3,299	800	823	371	4,508	3,542	4,600
1962	Below Normal	3,089	3,912	2,983	3,537	3,152	3,822	1,100	800	1,701	4,440	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,442	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,691	3,325
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,210	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,370
1967	Wet	3,992	3,784	3,917	3,747	3,624	4,223	2,114	1,787	4,600	4,600	4,600	4,490
1968	Below Normal	3,951	2,174	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,118	4,600	4,230	4,600	1,990	2,734	3,942	4,600	4,600	4,600	3,823
1970	Wet	4,069	800	4,125	4,600	4,600	3,430	800	800	1,842	3,928	4,600	4,600
1971	Wet	3,279	2,100	3,971	3,325	3,366	3,891	1,057	823	2,648	4,552	4,600	4,351
1972	Below Normal	3,419	2,726	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,071
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,404
1974	Wet	3,098	4,600	4,430	4,349	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,247	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,803	4,600	3,548	4,451	3,191	1,244	800	279	1,575	800	1,565
1977	Critical	2,546	3,664	3,043	2,677	3,729	800	800	800	60	600	4,124	1,353
1978	Above Normal	1,928	1,550	2,813	2,875	4,600	4,600	1,719	1,461	4,404	4,600	4,600	4,558
1979	Below Normal	3,774	2,995	4,578	3,915	4,600	4,600	1,010	1,122	2,765	4,600	4,600	3,503
1980	Above Normal	4,600	3,475	4,600	4,600	3,060	1,713	1,121	998	4,430	4,600	4,600	3,448
1981	Dry	3,239	3,856	4,600	3,421	3,411	2,430	1,319	1,012	1,650	4,600	3,405	3,628
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	2,966	2,414	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,463	2,309	1,991	2,722	3,933	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,505	1,462	1,973	2,765	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,701	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,508	4,600	4,279	2,155	4,600	3,773	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,474	800	4,111	3,303	3,349	2,347	800	800	1,630	3,676	1,716	3,105
1988	Critical	4,462	3,695	3,322	2,381	800	800	1,055	800	331	2,900	4,600	1,975
1989	Dry	2,503	3,331	2,820	3,179	1,201	1,208	1,231	800	2,359	3,959	2,744	3,375
1990	Critical	2,758	3,107	3,186	3,096	2,353	1,012	800	848	222	3,168	3,380	1,665
1991	Critical	3,090	3,007	2,641	1,512	1,697	1,295	1,077	819	1,096	2,811	2,431	2,241
1992	Critical	2,870	2,806	2,344	1,558	1,690	2,389	800	800	962	3,221	4,574	814
1993	Above Normal	2,036	3,001	3,620	3,235	4,117	3,921	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,431	4,600	3,202	3,335	2,302	929	976	237	4,527	3,062	3,065
1995	Wet	2,337	3,758	3,622	3,011	3,630	4,600	1,811	4,357	4,600	4,600	4,600	4,600
1996	Wet	2,469	1,866	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	3,009	4,600	4,600	4,600	4,600	3,584	864	800	4,528	4,324	4,600	4,600
1998	Wet	2,909	2,175	4,600	3,013	4,600	4,600	2,015	1,958	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,567
2000	Above Normal	2,671	4,600	3,865	2,262	4,600	4,600	891	800	3,213	2,731	4,600	4,600
2001	Dry	3,084	4,600	4,071	3,460	3,033	2,895	1,026	800	1,616	4,600	2,435	3,189
2002	Dry	4,035	3,350	3,931	2,670	2,607	2,592	836	800	1,675	4,600	4,600	4,172
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,887

Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,600	4,600	4,600	3,579	3,200	4,507	1,186	993	4,600	4,600	4,600	4,600
1923	Below Normal	4,132	4,600	4,284	3,656	4,228	2,937	1,119	800	3,353	4,581	3,814	4,600
1924	Critical	4,578	4,155	3,520	3,879	2,103	800	941	819	274	800	1,275	2,847
1925	Dry	3,098	1,561	3,839	3,218	2,331	2,829	1,198	954	3,446	4,600	3,939	3,604
1926	Dry	3,790	4,207	3,563	3,219	1,726	1,040	1,226	800	2,100	3,112	2,329	3,783
1927	Wet	3,536	4,600	3,739	2,372	3,941	3,693	1,002	800	2,878	4,600	4,600	4,432
1928	Above Normal	3,130	2,049	4,600	3,460	2,170	3,947	1,110	800	2,558	4,158	4,600	3,681
1929	Critical	3,071	2,598	4,600	3,295	3,282	2,356	800	800	691	2,040	4,600	3,028
1930	Dry	3,326	3,030	3,158	2,407	2,505	2,064	1,414	1,185	1,123	2,660	1,522	2,605
1931	Critical	3,467	3,246	3,199	3,265	3,286	1,123	800	800	414	600	1,274	2,782
1932	Dry	3,009	2,433	4,600	3,415	1,766	996	800	800	1,788	800	3,250	4,600
1933	Critical	3,460	3,071	3,280	681	960	1,303	800	800	545	800	4,600	4,076
1934	Critical	2,939	2,591	1,148	473	712	608	800	800	417	600	3,382	2,816
1935	Below Normal	1,885	3,052	4,210	3,030	825	1,499	1,031	800	2,946	3,153	2,003	4,182
1936	Below Normal	4,345	3,861	4,500	1,331	897	2,150	1,190	800	2,813	3,968	2,695	4,600
1937	Below Normal	4,109	3,753	4,248	2,790	1,035	1,696	1,285	995	925	3,250	2,393	4,600
1938	Wet	3,468	4,600	4,600	1,026	922	2,989	2,135	2,556	4,600	4,600	4,600	4,490
1939	Dry	3,864	800	4,334	3,409	3,883	1,765	800	800	444	4,539	2,274	3,902
1940	Above Normal	3,507	3,749	2,503	2,604	3,311	4,600	1,311	800	2,744	3,877	4,600	4,160
1941	Wet	3,111	2,927	4,191	3,969	4,600	4,600	1,599	1,350	4,002	4,600	4,600	4,574
1942	Wet	3,435	4,600	4,235	4,600	4,600	4,600	1,430	1,220	3,981	4,600	4,600	4,600
1943	Wet	3,699	4,600	4,033	4,600	4,600	4,600	1,422	800	3,902	4,600	4,600	4,600
1944	Dry	3,201	3,885	4,403	3,405	3,680	2,425	1,056	800	1,868	3,638	2,214	3,121
1945	Below Normal	3,435	4,600	3,813	3,431	3,631	4,600	1,041	800	2,066	4,600	4,600	4,600
1946	Below Normal	4,600	4,600	4,600	4,043	4,600	3,467	842	800	2,589	4,600	4,600	4,377
1947	Dry	4,600	4,600	4,600	3,930	3,519	1,333	900	800	1,687	4,600	2,604	4,165
1948	Below Normal	3,765	4,481	3,491	2,030	903	2,529	800	800	2,679	4,261	4,271	4,600
1949	Dry	4,600	4,225	4,258	3,222	3,319	1,930	800	800	1,733	4,600	4,147	4,600
1950	Below Normal	4,265	4,600	4,563	2,169	2,570	3,435	853	800	1,859	4,279	3,825	4,600
1951	Above Normal	4,600	4,600	4,600	3,135	1,381	2,539	962	800	2,694	3,436	4,600	4,600
1952	Wet	3,407	4,205	3,931	4,600	3,893	4,600	1,622	1,992	4,600	4,600	4,600	4,600
1953	Wet	3,339	4,600	4,600	2,724	3,830	3,695	1,030	839	1,938	4,600	4,600	4,600
1954	Above Normal	2,310	4,510	4,520	2,081	2,499	3,446	937	800	2,621	2,989	4,600	4,600
1955	Dry	3,111	4,463	4,600	3,587	3,653	2,451	945	800	598	4,600	2,552	3,736
1956	Wet	3,164	4,189	4,600	4,600	4,576	1,855	1,004	1,012	4,326	4,600	4,600	4,600
1957	Above Normal	3,627	4,600	4,292	3,302	1,872	2,920	1,037	818	1,860	4,056	4,600	3,899
1958	Wet	4,600	4,600	3,699	2,556	4,080	4,600	2,432	1,739	4,600	4,600	4,600	4,600
1959	Below Normal	3,747	4,600	4,600	2,193	3,021	3,467	1,218	912	1,664	4,510	4,600	3,682
1960	Dry	3,554	3,402	3,652	3,251	2,231	2,433	800	1,179	1,516	4,050	2,109	4,102
1961	Dry	3,613	4,062	4,600	3,319	2,008	3,299	800	823	370	4,508	3,538	4,600
1962	Below Normal	3,094	3,914	2,981	3,537	3,152	3,822	1,100	800	1,701	4,442	4,600	4,285
1963	Wet	4,600	4,600	3,560	2,423	2,904	3,577	927	800	3,433	4,600	4,467	4,600
1964	Dry	2,824	4,600	4,600	3,387	2,807	2,623	802	800	686	4,600	2,692	3,327
1965	Wet	2,914	3,165	4,009	4,600	4,388	4,555	1,268	800	2,855	4,600	4,600	4,600
1966	Below Normal	3,211	4,600	4,600	3,914	3,966	2,998	923	800	1,685	4,600	4,600	4,366
1967	Wet	3,993	3,784	3,917	3,747	3,624	4,223	2,033	1,702	4,600	4,600	4,600	4,600
1968	Below Normal	3,949	4,154	4,600	3,412	2,271	3,473	1,176	965	1,661	4,600	4,600	3,616
1969	Wet	3,902	4,117	4,600	3,813	4,600	1,990	2,390	4,206	4,600	4,600	4,600	4,055
1970	Wet	4,041	800	4,125	4,600	4,600	3,335	800	800	1,842	3,931	4,600	4,600
1971	Wet	3,279	2,101	3,971	3,325	3,366	3,891	1,057	823	2,648	4,552	4,600	4,351
1972	Below Normal	3,420	2,725	4,600	3,195	1,804	2,343	878	800	1,645	4,584	4,600	4,071
1973	Above Normal	3,427	4,600	3,804	2,915	4,354	4,088	975	800	2,854	4,582	4,600	3,771
1974	Wet	3,098	4,600	4,430	4,241	3,902	4,600	1,154	800	3,520	4,600	4,600	4,600
1975	Wet	4,247	4,600	4,600	3,378	3,152	4,600	1,025	800	3,850	4,600	4,600	4,600
1976	Critical	4,600	3,820	4,600	3,548	4,451	3,191	1,244	800	279	1,566	800	1,564
1977	Critical	2,559	3,663	3,042	2,677	3,727	800	800	800	60	600	4,075	1,353
1978	Above Normal	1,947	1,551	2,810	2,875	4,283	4,465	1,561	1,194	4,204	4,600	4,600	4,600
1979	Below Normal	3,794	4,600	4,600	3,919	4,600	4,600	1,010	1,122	2,754	4,414	4,600	3,502
1980	Above Normal	4,600	4,002	4,600	3,979	1,076	1,716	1,121	998	4,430	4,600	4,600	4,189
1981	Dry	3,273	3,818	4,600	3,422	3,411	2,430	1,319	1,012	1,650	4,600	3,355	3,615
1982	Wet	4,600	4,600	3,688	3,763	4,600	4,600	3,298	2,116	4,600	4,600	4,600	4,600
1983	Wet	4,600	4,600	4,600	4,600	3,709	3,391	4,122	4,251	4,600	4,600	4,600	4,600
1984	Wet	4,600	2,691	2,862	2,268	2,785	2,529	1,034	800	2,859	4,600	4,600	4,596
1985	Dry	3,702	4,600	4,600	3,415	3,520	2,915	1,182	891	1,676	4,600	4,087	4,600
1986	Wet	4,509	4,600	4,279	2,155	4,600	4,080	1,717	1,310	3,766	4,600	4,600	800
1987	Dry	2,473	920	4,108	3,303	3,349	2,347	800	800	1,578	3,741	1,896	3,099
1988	Critical	4,460	3,695	3,322	2,381	800	800	1,055	800	331	2,896	4,600	1,975
1989	Dry	2,507	3,326	2,821	3,179	1,200	1,208	1,231	800	2,359	3,958	2,758	3,295
1990	Critical	2,758	3,108	3,181	3,096	2,352	1,012	800	848	222	3,167	2,355	2,708
1991	Critical	3,039	3,003	2,652	1,507	1,697	1,295	1,077	819	1,098	2,813	2,464	2,240
1992	Critical	2,865	2,835	2,340	1,533	1,690	2,389	800	800	1,473	2,681	4,567	802
1993	Above Normal	2,032	3,003	3,619	3,235	4,117	3,919	800	800	3,736	4,600	4,600	4,600
1994	Critical	3,958	4,412	4,600	3,202	3,335	2,302	929	976	237	4,528	3,057	3,069
1995	Wet	2,339	3,759	3,622	3,011	3,630	4,600	1,627	2,543	4,600	4,600	4,600	4,600
1996	Wet	2,800	4,600	3,703	2,835	4,600	4,600	1,203	953	3,408	4,600	4,600	4,600
1997	Wet	2,898	4,600	4,600	4,600	4,600	3,634	864	800	4,528	4,216	4,600	4,600
1998	Wet	2,915	2,169	4,600	3,013	4,600	4,600	1,889	1,862	4,600	4,600	4,600	4,600
1999	Wet	4,600	4,600	4,032	4,096	4,600	4,600	899	800	2,873	4,600	4,600	3,563
2000	Above Normal	2,678	4,600	3,869	2,262	4,600	4,600	891	800	3,214	2,733	4,600	4,600
2001	Dry	3,081	4,600	4,117	3,460	3,033	2,895	1,026	800	1,616	4,600	2,400	3,189
2002	Dry	4,035	3,351	3,931	2,670	2,606	2,592	836	800	1,675	4,600	4,600	4,159
2003	Above Normal	4,196	4,600	3,858	2,302	3,361	3,343	800	800	2,389	4,600	4,600	3,884

Change in Simulated Exports Through Jones Pumping Plant (Node D418)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	0	0	-49	-11	0	0	0	-15	0	-11	0
1924	Critical	0	-1	0	0	0	0	0	2	0	0	0	4
1925	Dry	3	-4	-2	0	0	-2	0	0	2	0	1	2
1926	Dry	1	1	-2	0	0	-1	0	0	-4	0	-11	-1
1927	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	1	-1	0	0	0	0	0	0	0	-1	0	0
1929	Critical	0	-1	0	0	0	0	0	0	0	0	0	1
1930	Dry	1	1	0	0	0	-1	0	0	-2	-2	0	0
1931	Critical	0	1	-1	0	1	1	0	0	0	0	0	1
1932	Dry	1	-4	0	0	-7	-94	0	0	0	0	5	0
1933	Critical	0	0	77	-1	-1	0	0	0	0	0	0	5
1934	Critical	5	2	-14	0	0	-8	0	0	0	0	-224	10
1935	Below Normal	-12	2	0	199	-2	0	0	0	0	0	2	2
1936	Below Normal	3	4	418	-429	168	105	0	0	0	-3	1	0
1937	Below Normal	2	2	-3	-11	-1	1,078	-1	-101	-54	-8	1	0
1938	Wet	-2	0	696	211	-1	1,002	-402	-1,566	0	0	0	0
1939	Dry	46	0	84	0	-4	0	-62	0	-1	93	-33	-143
1940	Above Normal	129	0	-45	6	0	0	0	0	0	-11	0	118
1941	Wet	3	186	0	0	0	0	0	0	0	0	0	-2
1942	Wet	53	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	-1	0	0	0	0	0	0	0	432	0	0	0
1944	Dry	-104	-66	1	0	0	0	0	0	121	-77	5	7
1945	Below Normal	2	0	0	0	-267	504	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	123	0	0	-132	0	0	128
1947	Dry	0	0	0	1	0	0	0	0	0	0	81	-5
1948	Below Normal	-1	-1	1	0	-2	0	0	0	0	-4	1	0
1949	Dry	0	0	-23	0	0	0	0	0	0	0	-1	0
1950	Below Normal	1	0	1	0	0	0	0	0	0	-1	0	0
1951	Above Normal	0	0	0	-6	375	0	0	0	0	-1	0	0
1952	Wet	0	2	0	0	4	0	-66	-123	0	0	0	0
1953	Wet	-2	708	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-66	-2	0	0	0	0	0	0	-10	0	0
1955	Dry	-23	37	0	0	22	0	0	0	0	0	-39	-2
1956	Wet	6	1	0	0	520	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	-51	0	0	0	0	0
1959	Below Normal	16	795	0	0	0	-1	0	0	0	-5	0	66
1960	Dry	1	-23	-2	0	0	0	0	0	0	0	-7	-4
1961	Dry	-11	1	0	0	0	0	0	0	0	0	-4	0
1962	Below Normal	5	2	-2	0	0	0	0	0	0	1	0	0
1963	Wet	0	0	0	0	0	0	0	0	-9	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	1	1
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-4
1967	Wet	0	0	0	0	0	0	-81	-86	0	0	0	110
1968	Below Normal	-2	1,980	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	-1	0	-417	0	0	-344	264	0	0	0	231
1970	Wet	-28	0	0	0	0	-95	0	0	0	3	0	0
1971	Wet	-1	1	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	367
1974	Wet	0	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	17	0	0	0	0	0	0	0	-9	0	-1
1977	Critical	13	0	-1	0	-2	0	0	0	0	0	-48	0
1978	Above Normal	19	1	-3	0	-317	-135	-158	-267	-200	0	0	42
1979	Below Normal	20	1,605	22	4	0	0	0	0	-11	-186	0	-2
1980	Above Normal	0	528	0	-621	-1,984	2	0	0	0	0	0	741
1981	Dry	34	-38	0	0	0	0	0	0	0	0	-50	-13
1982	Wet	0	0	0	0	0	0	331	-298	0	0	0	0
1983	Wet	0	0	0	137	1,400	1,400	1,400	319	0	0	0	0
1984	Wet	0	186	1,400	295	20	0	0	0	0	0	0	0
1985	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	1	0	0	0	0	307	0	0	0	0	0	0
1987	Dry	-1	120	-3	0	0	0	0	0	-52	65	181	-6
1988	Critical	-2	0	0	0	0	0	0	0	0	-5	0	1
1989	Dry	4	-5	1	0	-1	0	0	0	0	-1	13	-81
1990	Critical	0	1	-5	0	-1	0	0	0	0	0	-1,025	1,043
1991	Critical	-51	-4	10	-5	0	0	0	0	1	2	33	-1
1992	Critical	-5	29	-4	-26	0	0	0	0	511	-540	-8	-12
1993	Above Normal	-4	2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-19	0	0	0	0	0	0	0	0	-4	4
1995	Wet	2	1	1	0	0	0	-184	-1,814	0	0	0	0
1996	Wet	331	2,734	0	0	0	0	0	0	0	0	0	0
1997	Wet	-110	0	0	0	0	50	0	0	0	-108	0	0
1998	Wet	6	-6	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	-4
2000	Above Normal	7	0	3	0	0	0	0	0	1	2	0	0
2001	Dry	-3	0	45	0	0	0	0	0	0	0	-35	1
2002	Dry	0	1	0	0	-2	0	0	0	0	0	0	-13
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-3

Percent Change in Simulated Exports Through Jones Pumping Plant (Node D418)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	-6%	0%
1935	Below Normal	-1%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	10%	-24%	23%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	175%	0%	-9%	-6%	0%	0%	0%
1938	Wet	0%	0%	18%	26%	0%	50%	-16%	-38%	0%	0%	0%	0%
1939	Dry	1%	0%	2%	0%	0%	0%	-7%	0%	0%	2%	-1%	-4%
1940	Above Normal	4%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1941	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%
1944	Dry	-3%	-2%	0%	0%	0%	0%	0%	0%	7%	-2%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	-5%	0%	0%	3%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%
1953	Wet	0%	18%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-2%	0%
1956	Wet	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	0%	0%	0%	2%
1968	Below Normal	0%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	0%	0%	-13%	7%	0%	0%	0%	6%
1970	Wet	-1%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	1%	0%	0%	0%	-7%	-3%	-9%	-18%	-5%	0%	0%	1%
1979	Below Normal	1%	54%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1980	Above Normal	0%	15%	0%	-14%	-65%	0%	0%	0%	0%	0%	0%	21%
1981	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	11%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	3%	61%	70%	51%	8%	0%	0%	0%	0%
1984	Wet	0%	7%	96%	15%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	15%	0%	0%	0%	0%	0%	0%	-3%	2%	11%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-30%	63%
1991	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	53%	-17%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-10%	-42%	0%	0%	0%	0%
1996	Wet	13%	147%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-4%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Exports Through Banks Pumping Plant (Node D419)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,199	4,509	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,424	4,284	3,705	4,239	2,902	1,119	700	2,386	7,005	7,180	6,680
1924	Critical	3,967	2,377	2,619	2,643	2,103	300	300	489	274	4,825	300	517
1925	Dry	2,397	2,988	3,841	3,218	2,331	4,056	1,198	954	1,712	7,180	4,753	6,680
1926	Dry	2,744	2,428	2,875	3,219	1,726	300	1,226	862	2,630	6,915	3,703	4,213
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,645
1928	Above Normal	3,155	3,634	7,117	3,460	2,170	3,947	1,110	700	2,558	6,615	6,748	6,680
1929	Critical	3,527	2,568	4,914	3,295	3,282	2,885	1,690	300	300	300	719	729
1930	Dry	1,057	1,188	3,159	2,407	2,505	2,997	1,414	1,185	2,107	6,915	4,564	6,680
1931	Critical	1,621	1,565	1,434	3,265	2,314	963	300	300	300	3,025	300	396
1932	Dry	930	1,732	7,170	3,415	6,430	3,973	741	700	1,788	4,418	4,910	2,770
1933	Critical	1,983	1,702	3,343	5,896	5,565	1,710	879	700	300	3,061	1,215	766
1934	Critical	992	1,531	4,639	5,942	4,404	1,712	300	704	300	503	323	510
1935	Below Normal	2,275	3,050	4,029	4,061	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,632	3,298	4,082	2,572	8,437	7,205	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,398	2,664	6,699	4,508	8,103	6,111	1,578	1,096	4,912	7,005	7,180	4,107
1938	Wet	3,822	6,680	5,731	7,401	8,500	7,561	2,537	6,177	6,680	7,005	7,180	6,382
1939	Dry	3,818	1,759	7,112	3,409	2,997	1,765	968	1,075	300	6,829	4,657	4,460
1940	Above Normal	1,217	948	3,495	2,598	3,311	5,359	1,311	701	2,744	6,525	6,680	6,680
1941	Wet	3,108	2,169	4,191	3,969	8,500	7,561	1,599	1,350	4,002	7,005	7,180	6,056
1942	Wet	3,381	1,453	4,235	4,639	5,107	4,955	1,430	1,220	3,981	7,005	7,180	6,113
1943	Wet	3,700	2,237	4,033	5,165	5,980	7,561	1,422	795	2,897	6,664	7,180	6,369
1944	Dry	3,304	1,335	7,124	3,405	3,680	2,425	1,056	700	1,988	6,915	4,993	2,443
1945	Below Normal	2,053	6,680	3,813	3,431	3,899	6,693	1,041	700	2,067	6,901	7,180	6,680
1946	Below Normal	6,092	6,680	5,535	4,043	3,091	4,084	842	700	1,377	6,823	6,893	6,680
1947	Dry	5,478	4,012	4,681	3,026	3,519	1,333	900	700	1,687	6,929	5,006	6,930
1948	Below Normal	4,096	3,543	2,421	2,030	384	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,549	2,627	4,281	3,222	3,319	1,930	700	700	1,733	6,915	4,859	7,020
1950	Below Normal	984	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,678	7,129	6,709	6,659	962	700	2,694	5,993	6,680	6,555
1952	Wet	3,407	4,968	3,931	4,751	3,889	7,561	1,688	2,115	5,886	6,680	7,180	6,680
1953	Wet	3,341	1,882	7,119	3,176	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,342	918	4,213	2,081	2,499	3,446	937	700	2,621	6,220	7,030	6,680
1955	Dry	3,134	3,882	7,042	3,587	3,068	2,346	945	700	300	6,929	4,341	3,082
1956	Wet	1,920	3,942	5,985	8,500	6,753	6,792	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,628	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,507	3,526	3,699	2,556	4,080	7,126	2,483	1,739	5,219	7,005	7,180	6,680
1959	Below Normal	3,731	2,417	7,093	2,193	3,021	3,520	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,430	2,210	1,979	3,251	2,231	2,433	561	1,179	1,516	6,915	6,155	6,930
1961	Dry	1,348	4,061	7,005	3,319	2,008	3,299	877	823	61	7,077	2,944	2,840
1962	Below Normal	333	2,697	2,983	2,579	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,019	7,005	7,180	6,680
1964	Dry	3,508	5,407	5,178	3,387	2,702	2,166	802	700	300	6,915	3,954	6,930
1965	Wet	2,670	3,165	4,009	5,253	4,388	4,555	1,268	700	2,855	7,005	7,180	6,532
1966	Below Normal	3,210	5,417	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,785	3,784	3,917	3,747	3,624	4,223	2,114	1,787	6,680	6,970	7,180	6,680
1968	Below Normal	3,951	2,342	7,059	3,412	2,271	3,473	1,176	965	1,661	6,789	6,930	6,930
1969	Wet	3,411	4,118	7,061	4,230	7,397	4,465	4,893	5,754	6,680	6,680	6,680	6,257
1970	Wet	4,069	2,359	4,125	8,500	5,361	6,373	797	700	1,842	7,115	7,030	4,671
1971	Wet	3,279	6,506	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,623
1972	Below Normal	3,419	393	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,956	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,499	6,680	4,430	4,349	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,247	2,504	7,148	3,378	3,152	5,586	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,654	7,065	3,027	2,243	2,694	1,244	1,116	279	6,977	4,362	6,881
1977	Critical	2,171	1,475	1,166	1,692	803	309	300	598	60	499	300	1,403
1978	Above Normal	300	1,958	2,813	2,875	4,872	4,948	1,719	1,461	4,404	7,005	7,180	6,680
1979	Below Normal	3,774	3,048	6,913	3,915	5,221	4,809	1,010	1,122	2,765	7,005	7,180	6,680
1980	Above Normal	5,665	3,475	7,086	4,960	4,665	4,630	1,121	998	4,430	7,005	7,180	6,680
1981	Dry	3,620	2,084	7,087	3,421	3,411	2,430	1,319	1,012	1,650	6,929	6,280	5,489
1982	Wet	2,801	6,680	3,688	3,763	7,945	7,561	6,125	2,414	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	3,812	3,716	3,865	4,375	4,356	6,680	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,939	6,532	6,616	6,659	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,919	6,779
1986	Wet	4,244	5,422	4,279	2,155	7,985	5,003	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	616	1,772	1,630	1,481	876	2,201
1988	Critical	361	883	3,322	2,381	867	1,661	1,055	936	300	4,186	312	1,176
1989	Dry	300	3,331	2,820	3,179	1,111	1,208	1,231	925	2,359	6,915	4,401	7,160
1990	Critical	4,037	2,395	4,686	3,096	2,316	1,012	300	848	222	6,758	550	1,788
1991	Critical	300	795	987	641	1,404	1,295	1,077	819	2,065	5,759	358	608
1992	Critical	944	300	1,713	1,122	1,690	2,389	700	700	1,983	920	300	2,106
1993	Above Normal	300	516	3,620	3,235	4,117	3,921	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	968	6,551	3,202	3,335	2,302	929	976	237	6,977	3,991	3,222
1995	Wet	623	2,147	3,622	3,011	3,630	7,561	1,811	6,177	5,997	6,680	7,180	6,680
1996	Wet	2,469	1,401	3,703	2,835	7,720	6,570	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,974	1,762	7,678	8,500	8,500	7,202	864	784	1,630	6,071	7,030	6,680
1998	Wet	2,909	2,433	7,063	3,013	8,500	7,561	2,015	1,958	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,567
2000	Above Normal	2,609	631	7,004	2,262	5,400	5,654	891	700	2,681	6,489	7,030	6,680
2001	Dry	3,084	1,174	7,088	3,460	3,033	2,895	1,026	715	1,616	4,898	606	3,277
2002	Dry	300	3,350	3,931	2,670	3,937	2,592	836	700	1,675	6,929	2,738	6,143
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,959	7,180	6,680

Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,774	5,389	7,201	3,579	3,200	4,507	1,186	993	6,394	7,005	7,180	6,680
1923	Below Normal	4,132	4,428	4,284	3,656	4,228	2,902	1,119	700	2,401	7,005	7,180	6,680
1924	Critical	3,955	2,376	2,619	2,643	2,103	300	300	480	274	4,826	300	514
1925	Dry	2,393	2,985	3,839	3,218	2,331	4,057	1,198	954	1,710	7,180	4,758	6,680
1926	Dry	2,746	2,430	2,874	3,219	1,726	300	1,226	862	2,634	6,915	3,712	4,193
1927	Wet	1,523	6,680	3,739	2,372	3,941	3,693	1,002	700	2,878	7,005	7,180	6,644
1928	Above Normal	3,154	3,633	7,117	3,460	2,170	3,947	1,110	700	2,558	6,614	6,748	6,680
1929	Critical	3,527	2,567	4,912	3,295	3,282	2,885	1,690	300	300	300	719	728
1930	Dry	1,057	1,187	3,158	2,407	2,505	2,998	1,414	1,185	2,109	6,915	4,563	6,680
1931	Critical	1,621	1,564	1,433	3,265	2,314	963	300	300	300	3,012	300	395
1932	Dry	929	1,731	7,170	3,415	6,434	4,058	741	700	1,788	4,417	4,910	2,770
1933	Critical	1,982	1,701	3,258	5,897	5,565	1,710	879	700	300	3,046	1,209	761
1934	Critical	989	1,529	7,039	5,943	4,404	1,714	300	300	300	500	326	508
1935	Below Normal	2,294	3,052	4,024	3,861	4,954	3,482	1,031	700	2,383	7,005	7,180	6,680
1936	Below Normal	4,443	3,294	3,722	3,001	8,437	7,100	1,190	700	2,813	7,005	7,180	6,680
1937	Below Normal	5,395	2,662	6,702	4,518	8,087	6,111	1,298	995	4,966	7,005	7,180	4,105
1938	Wet	3,740	6,680	5,035	7,146	8,500	7,561	2,135	2,556	6,596	7,005	7,180	6,381
1939	Dry	3,864	1,759	7,112	3,409	2,997	1,765	1,638	1,074	300	6,829	4,595	3,913
1940	Above Normal	1,318	945	3,494	2,604	3,311	5,359	1,311	701	2,744	6,521	6,680	6,680
1941	Wet	3,111	2,205	4,191	3,969	8,301	7,561	1,599	1,350	4,002	7,005	7,180	6,054
1942	Wet	3,435	1,741	4,235	4,636	5,029	4,955	1,430	1,220	3,981	7,005	7,180	6,112
1943	Wet	3,699	2,209	4,033	4,814	6,006	7,561	1,422	795	2,466	6,829	7,180	6,329
1944	Dry	3,201	1,536	7,124	3,405	3,680	2,425	1,056	700	1,868	6,915	5,055	2,448
1945	Below Normal	2,051	6,680	3,813	3,431	3,631	6,189	1,041	700	2,066	6,901	7,180	6,680
1946	Below Normal	6,074	6,680	5,535	4,043	3,091	3,961	842	700	1,509	6,823	6,893	6,680
1947	Dry	5,424	4,012	4,684	3,026	3,519	1,333	900	700	1,687	6,929	4,980	6,930
1948	Below Normal	4,007	3,542	2,423	2,030	407	2,529	720	700	2,679	7,005	7,180	6,680
1949	Dry	3,551	2,611	4,258	3,222	3,319	1,930	700	700	1,733	6,915	4,850	7,020
1950	Below Normal	983	1,767	2,192	2,169	2,570	3,435	853	700	1,859	7,005	7,180	6,680
1951	Above Normal	5,635	6,680	7,043	7,758	6,706	6,659	962	700	2,694	5,992	6,680	6,592
1952	Wet	3,407	4,967	3,931	4,678	3,893	7,561	1,622	1,992	5,403	6,680	7,180	6,680
1953	Wet	3,339	3,097	7,119	2,724	3,830	3,695	1,030	839	1,938	7,005	7,180	6,680
1954	Above Normal	2,310	909	4,506	2,081	2,499	3,446	937	700	2,621	6,219	7,030	6,680
1955	Dry	3,111	3,869	7,042	3,587	3,058	2,346	945	700	300	6,929	4,376	3,352
1956	Wet	1,627	3,940	5,188	8,500	6,841	6,864	1,004	1,012	4,326	7,005	7,180	6,357
1957	Above Normal	3,627	1,936	7,053	3,302	1,872	2,920	1,037	818	1,860	6,601	7,180	6,680
1958	Wet	6,505	3,526	3,699	2,556	4,080	7,126	2,432	1,739	5,218	7,005	7,180	6,680
1959	Below Normal	3,747	3,104	7,093	2,193	3,021	3,518	1,218	912	1,664	6,929	6,930	6,930
1960	Dry	3,451	2,210	1,979	3,251	2,231	2,433	563	1,179	1,516	6,915	6,163	6,930
1961	Dry	1,345	4,062	7,005	3,319	2,008	3,299	877	823	62	7,077	2,939	2,839
1962	Below Normal	332	2,695	2,981	2,578	3,152	3,822	1,100	700	1,701	7,180	7,180	6,680
1963	Wet	6,680	6,680	3,560	2,423	2,904	3,577	927	700	2,028	7,005	7,180	6,680
1964	Dry	3,509	5,399	5,178	3,387	2,702	2,165	802	700	300	6,915	3,955	6,930
1965	Wet	2,666	3,165	4,009	5,247	4,388	4,555	1,268	700	2,855	7,005	7,180	6,534
1966	Below Normal	3,211	5,340	7,512	3,914	3,966	2,998	923	700	1,685	6,898	6,930	6,930
1967	Wet	3,784	3,784	3,917	3,747	3,624	4,223	2,033	1,702	6,565	6,970	7,180	6,680
1968	Below Normal	3,949	2,157	7,059	3,412	2,271	3,473	1,176	965	1,661	6,788	6,930	6,930
1969	Wet	3,422	4,117	7,061	3,813	8,380	4,464	2,390	6,177	6,680	7,005	7,180	6,334
1970	Wet	4,041	2,289	4,125	8,500	5,361	6,443	797	700	1,842	7,115	7,030	5,007
1971	Wet	3,279	6,505	3,971	3,325	3,366	3,891	1,057	823	2,648	7,005	7,180	6,624
1972	Below Normal	3,420	392	7,054	3,195	1,804	2,343	1,135	700	1,645	6,915	7,180	7,078
1973	Above Normal	4,956	6,680	3,804	2,915	4,354	4,088	975	700	2,854	6,781	6,906	6,334
1974	Wet	4,497	6,680	4,430	4,241	3,902	5,035	1,154	700	3,520	7,005	7,180	6,680
1975	Wet	4,247	2,388	7,148	3,378	3,152	5,591	1,025	700	3,850	7,005	7,180	6,680
1976	Critical	4,744	1,663	7,065	3,027	2,244	2,694	1,244	1,116	279	6,977	4,369	6,881
1977	Critical	2,162	1,474	1,166	1,691	803	309	300	596	60	499	300	1,403
1978	Above Normal	300	1,957	2,810	2,875	4,283	4,465	1,561	1,194	4,204	7,005	7,180	6,680
1979	Below Normal	3,794	4,168	5,767	3,919	5,155	4,722	1,010	1,122	2,775	7,005	7,180	6,680
1980	Above Normal	5,289	4,002	7,086	4,473	4,823	4,644	1,121	998	4,430	7,005	7,180	5,542
1981	Dry	3,597	2,106	7,087	3,422	3,411	2,430	1,319	1,012	1,650	6,929	6,454	5,592
1982	Wet	2,856	6,680	3,688	3,763	7,945	7,561	6,125	2,116	4,868	7,005	7,180	6,680
1983	Wet	6,680	6,680	7,678	6,096	3,812	3,629	4,069	3,751	6,094	6,680	6,680	6,680
1984	Wet	6,680	6,680	6,907	6,233	6,308	6,548	1,034	700	2,859	6,413	6,934	4,596
1985	Dry	4,079	6,680	7,048	3,415	3,520	2,915	1,182	891	1,676	6,915	4,918	6,779
1986	Wet	4,244	5,422	4,279	2,155	6,205	6,096	1,717	1,310	4,279	7,115	6,691	6,680
1987	Dry	3,474	1,637	7,092	3,303	3,349	2,347	617	1,772	1,682	1,476	889	2,198
1988	Critical	362	883	3,322	2,381	867	1,661	1,055	936	300	4,130	312	1,176
1989	Dry	300	3,326	2,821	3,179	1,110	1,208	1,231	925	2,359	6,915	4,321	7,160
1990	Critical	4,048	2,394	4,686	3,096	2,315	1,012	300	848	222	6,758	550	1,812
1991	Critical	300	799	981	624	1,404	1,295	1,077	819	2,063	5,766	358	605
1992	Critical	938	300	1,710	1,101	1,690	2,389	700	700	1,473	1,407	300	2,102
1993	Above Normal	300	514	3,619	3,235	4,117	3,919	700	700	3,736	7,005	7,180	6,680
1994	Critical	3,958	957	6,616	3,202	3,335	2,302	929	976	237	6,977	3,971	3,218
1995	Wet	615	2,141	3,622	3,011	3,630	7,561	1,627	2,543	5,895	6,680	7,180	6,680
1996	Wet	2,800	1,416	3,703	2,835	7,720	6,485	1,203	953	3,408	7,005	7,180	6,680
1997	Wet	2,898	1,724	7,678	8,500	8,500	7,151	864	784	1,572	6,106	7,030	6,680
1998	Wet	2,915	2,423	7,063	3,013	8,500	7,561	1,889	1,862	6,680	6,843	7,180	6,680
1999	Wet	6,680	6,680	4,032	4,096	7,186	4,920	899	700	2,873	7,005	7,180	3,563
2000	Above Normal	2,618	641	7,004	2,262	5,281	5,607	891	700	2,680	6,490	7,030	6,680
2001	Dry	3,081	1,173	7,000	3,460	3,033	2,895	1,026	715	1,616	4,974	606	3,276
2002	Dry	300	3,351	3,931	2,670	3,935	2,592	836	700	1,675	6,929	2,699	6,222
2003	Above Normal	300	1,795	3,858	2,302	3,361	3,343	700	700	2,389	6,961	7,180	6,680

Change in Simulated Exports Through Banks Pumping Plant (Node D419)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	1	-2	0	0	0	0	0	0
1923	Below Normal	0	4	0	-49	-11	0	0	0	15	0	0	0
1924	Critical	-12	0	0	0	0	0	0	-9	0	1	0	-3
1925	Dry	-4	-3	-2	0	0	2	0	0	-2	0	4	0
1926	Dry	2	2	-1	0	0	0	0	0	4	0	9	-20
1927	Wet	-1	0	0	0	0	0	0	0	0	0	0	-1
1928	Above Normal	-1	-1	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	-2	0	0	0	0	0	0	0	0	-1
1930	Dry	-1	-1	0	0	0	1	0	0	2	0	-1	0
1931	Critical	0	-1	-1	0	-1	-1	0	0	0	-13	0	-1
1932	Dry	-1	-1	0	0	5	86	0	0	0	-1	0	0
1933	Critical	0	0	-85	1	1	0	0	0	0	-15	-6	-5
1934	Critical	-3	-2	2,400	0	0	2	0	-404	0	-2	2	-2
1935	Below Normal	18	2	-5	-199	0	0	0	0	0	0	0	0
1936	Below Normal	-188	-3	-360	429	0	-105	0	0	0	0	0	0
1937	Below Normal	-3	-3	4	11	-16	0	-279	-101	54	0	0	-2
1938	Wet	-82	0	-696	-255	0	0	-402	-3,621	-84	0	0	-1
1939	Dry	46	0	0	0	0	0	671	-1	0	0	-63	-547
1940	Above Normal	101	-3	-2	6	0	0	0	0	0	-4	0	0
1941	Wet	3	36	0	0	-199	0	0	0	0	0	0	-1
1942	Wet	53	289	0	-3	-78	0	0	0	0	0	0	-1
1943	Wet	-1	-28	0	-352	26	0	0	0	-431	164	0	-40
1944	Dry	-104	201	0	0	0	0	0	0	-120	0	63	5
1945	Below Normal	-2	0	0	0	-267	-504	0	0	0	0	0	0
1946	Below Normal	-18	0	0	0	0	-123	0	0	132	0	0	0
1947	Dry	-54	0	4	-1	0	0	0	0	0	0	-26	0
1948	Below Normal	-88	0	2	0	23	0	0	0	0	0	0	0
1949	Dry	2	-16	-23	0	0	0	0	0	0	0	-8	0
1950	Below Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-635	629	-3	1	0	0	0	0	0	36
1952	Wet	0	-2	0	-73	4	0	-66	-123	-483	0	0	0
1953	Wet	-2	1,215	0	-451	0	0	0	0	0	0	0	0
1954	Above Normal	-31	-9	293	0	0	0	0	0	0	-2	0	0
1955	Dry	-23	-13	0	0	-10	0	0	0	0	0	36	269
1956	Wet	-293	-2	-796	0	88	72	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	-2	0	0	0	0	0	-51	0	-1	0	0	0
1959	Below Normal	16	687	0	0	0	-1	0	0	0	0	0	0
1960	Dry	21	0	0	0	0	0	2	0	0	0	7	0
1961	Dry	-2	1	0	0	0	0	0	0	0	0	-6	-1
1962	Below Normal	-1	-2	-2	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	9	0	0	0
1964	Dry	0	-8	0	0	0	0	0	0	0	0	1	0
1965	Wet	-5	0	0	-6	0	0	0	0	0	0	0	2
1966	Below Normal	1	-77	0	0	0	0	0	0	0	0	0	0
1967	Wet	-1	0	0	0	0	0	-81	-86	-115	0	0	0
1968	Below Normal	-2	-185	0	0	0	0	0	0	0	0	0	0
1969	Wet	11	-1	0	-417	983	-2	-2,502	423	0	325	500	77
1970	Wet	-28	-70	0	0	0	70	0	0	0	0	0	337
1971	Wet	-1	-1	0	0	0	0	0	0	0	0	0	1
1972	Below Normal	0	-1	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	-2	0	0	-108	0	0	0	0	0	0	0	0
1975	Wet	0	-116	0	0	0	5	0	0	0	0	0	0
1976	Critical	0	10	0	0	0	0	0	0	0	0	7	0
1977	Critical	-9	-1	0	0	0	0	0	-2	0	-1	0	0
1978	Above Normal	0	-1	-3	0	-589	-483	-158	-267	-200	0	0	0
1979	Below Normal	20	1,120	-1,146	4	-66	-88	0	0	10	0	0	0
1980	Above Normal	-376	528	0	-487	157	15	0	0	0	0	0	-1,138
1981	Dry	-23	22	0	0	0	0	0	0	0	0	174	103
1982	Wet	54	0	0	0	0	0	0	-298	0	0	0	0
1983	Wet	0	0	0	2,284	96	-237	-306	-605	-586	0	0	0
1984	Wet	0	0	-33	-299	-308	-110	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-1,780	1,093	0	0	0	0	0	0
1987	Dry	-1	0	0	0	0	0	1	0	52	-6	13	-3
1988	Critical	2	0	0	0	0	0	0	0	0	-56	0	0
1989	Dry	0	-5	1	0	-1	0	0	0	0	0	-80	0
1990	Critical	11	-1	0	0	-1	0	0	0	0	0	0	24
1991	Critical	0	4	-7	-17	0	0	0	0	-1	7	0	-2
1992	Critical	-6	0	-3	-21	0	0	0	0	-511	487	0	-4
1993	Above Normal	0	-2	-1	0	0	-2	0	0	0	0	0	0
1994	Critical	0	-11	65	0	0	0	0	0	0	0	-19	-4
1995	Wet	-8	-5	1	0	0	0	-184	-3,634	-103	0	0	0
1996	Wet	331	16	0	0	0	-84	0	0	0	0	0	0
1997	Wet	-76	-38	0	0	0	-50	0	0	-58	35	0	0
1998	Wet	6	-10	0	0	0	0	-125	-95	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	-4
2000	Above Normal	9	10	0	0	-119	-47	0	0	-1	0	0	0
2001	Dry	-3	-2	-88	0	0	0	0	0	0	76	0	-1
2002	Dry	0	1	0	0	-2	0	0	0	0	0	-39	78
2003	Above Normal	0	0	0	0	0	0	0	0	0	2	0	0

Percent Change in Simulated Exports Through Banks Pumping Plant (Node D419)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1934	Critical	0%	0%	52%	0%	0%	0%	0%	-57%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-4%	0%	-9%	17%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-18%	-9%	1%	0%	0%	0%
1938	Wet	-2%	0%	-12%	-3%	0%	0%	-16%	-59%	-1%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	-1%	-12%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	20%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	-7%	0%	0%	0%	0%	-15%	2%	0%	-1%
1944	Dry	-3%	15%	0%	0%	0%	0%	0%	0%	-6%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	10%	0%	0%	0%
1947	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-2%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-8%	9%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	-2%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Wet	0%	65%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	9%
1956	Wet	-15%	0%	-13%	0%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-4%	-5%	-2%	0%	0%	0%
1968	Below Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	13%	0%	-51%	7%	0%	5%	7%	1%
1970	Wet	-1%	-3%	0%	0%	0%	1%	0%	0%	0%	0%	0%	7%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-12%	-10%	-9%	-18%	-5%	0%	0%	0%
1979	Below Normal	1%	37%	-17%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	15%	0%	-10%	3%	0%	0%	0%	0%	0%	0%	-17%
1981	Dry	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	3%	-6%	-7%	-14%	-9%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-2%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-22%	22%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1991	Critical	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	0%	0%	-2%	0%	0%	0%	0%	-26%	53%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1996	Wet	13%	1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-3%	-2%	0%	0%	0%	-1%	0%	0%	-4%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	2%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Delta Outflow (Node C406)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,238	12,796	38,493	27,421	29,791	56,030	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,287	28,876	15,652	9,649	28,865	17,891	6,918	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,289	9,613	6,604	4,000	4,000	4,064	4,702	3,000
1925	Dry	3,000	4,499	8,069	8,413	70,480	13,334	29,946	17,167	5,556	5,000	4,541	3,917
1926	Dry	4,000	4,500	4,500	14,261	44,642	12,758	27,640	9,923	5,469	5,083	3,762	3,000
1927	Wet	4,000	14,276	14,559	32,187	123,455	41,498	54,127	27,010	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,871	20,990	22,916	81,797	28,751	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,798	12,284	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,645	18,850	16,248	30,227	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,418	8,326	7,656	7,817	4,999	4,000	4,000	4,120	3,000
1932	Dry	3,000	3,500	14,358	17,218	14,908	10,392	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,837	7,724	13,495	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,486	3,500	11,203	14,681	14,299	10,625	9,673	7,031	7,100	4,000	3,282	3,000
1935	Below Normal	3,000	6,795	3,837	29,115	10,276	27,341	55,231	20,843	8,041	6,500	4,000	3,915
1936	Below Normal	4,000	4,500	4,500	40,926	78,111	32,407	28,636	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,258	46,178	49,537	29,620	18,978	11,040	6,500	4,000	3,000
1938	Wet	4,000	16,989	65,217	28,405	138,199	166,841	78,939	67,966	37,736	8,000	4,000	20,625
1939	Dry	7,500	13,789	4,965	7,080	8,210	10,237	9,673	9,318	5,731	5,055	3,717	3,000
1940	Above Normal	4,844	4,500	4,500	34,522	65,731	109,337	73,361	18,160	6,166	10,075	4,000	11,563
1941	Wet	5,938	10,625	36,219	97,169	116,505	89,315	79,272	47,732	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,733	78,171	136,462	23,909	56,688	40,551	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,961	77,267	54,820	86,119	34,707	19,203	7,461	10,589	4,000	19,375
1944	Dry	7,500	12,549	5,129	11,670	23,546	18,822	12,771	9,909	6,717	5,000	3,764	3,000
1945	Below Normal	4,000	6,194	12,070	9,410	52,184	22,551	17,404	15,016	7,008	6,548	4,018	3,881
1946	Below Normal	4,719	5,520	69,520	46,444	15,036	16,898	18,188	15,640	7,046	6,771	4,000	3,825
1947	Dry	4,000	4,500	8,733	7,767	14,341	20,576	12,657	7,513	7,100	5,000	4,421	3,804
1948	Below Normal	4,000	4,500	4,802	13,021	11,145	13,777	28,400	29,214	14,186	6,500	4,000	4,008
1949	Dry	4,000	4,538	6,730	7,615	8,979	46,185	14,314	11,699	6,753	5,000	4,334	4,214
1950	Below Normal	4,000	4,500	4,500	19,606	35,617	16,460	22,033	15,606	8,867	6,500	4,000	4,269
1951	Above Normal	4,303	44,535	98,832	67,247	70,910	28,642	19,398	18,683	6,172	11,094	4,000	10,938
1952	Wet	6,563	10,313	36,093	82,417	73,282	62,682	75,653	73,707	37,018	11,785	5,995	19,375
1953	Wet	9,063	13,371	28,307	99,225	21,240	17,486	20,246	25,255	20,186	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,702	52,264	44,662	44,475	12,888	7,141	11,573	4,000	11,563
1955	Dry	6,250	10,313	13,736	17,224	9,063	7,967	12,318	10,657	6,707	5,030	4,085	3,000
1956	Wet	4,827	4,500	92,810	162,530	82,477	37,579	23,996	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,559	16,317	39,491	15,197	21,270	6,210	10,585	4,000	11,719
1958	Wet	5,938	10,313	17,288	39,398	150,476	116,136	104,437	53,930	29,873	8,000	5,306	18,750
1959	Below Normal	8,750	13,616	5,111	22,321	47,943	11,856	10,728	9,402	7,100	8,376	4,000	4,594
1960	Dry	4,000	4,500	4,500	9,421	28,661	16,872	12,292	8,729	6,875	5,097	4,345	3,939
1961	Dry	4,000	6,695	8,008	9,815	33,334	13,904	8,860	8,287	7,100	5,324	4,048	3,000
1962	Below Normal	4,934	4,500	11,492	6,000	57,262	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,014	5,497	23,297	16,149	75,167	23,748	98,338	30,011	8,740	10,382	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,944	9,487	7,831	9,904	9,356	7,543	5,000	3,952	3,667
1965	Wet	4,000	10,923	81,625	113,359	32,919	18,087	51,729	20,381	9,533	8,672	4,000	20,000
1966	Below Normal	7,813	15,469	6,985	24,816	20,917	18,141	15,839	9,952	6,422	8,382	4,000	4,214
1967	Wet	4,000	10,038	34,040	50,069	50,515	56,420	58,518	56,320	41,076	13,724	4,000	20,469
1968	Below Normal	7,500	13,849	5,174	21,818	58,545	30,277	11,483	10,741	6,250	8,723	4,000	3,613
1969	Wet	4,000	5,704	14,816	119,778	132,110	64,541	59,212	63,387	34,265	8,000	4,000	22,188
1970	Wet	7,031	14,641	46,615	207,434	75,447	36,364	14,486	13,717	7,681	10,858	4,000	18,438
1971	Wet	8,438	15,313	49,202	47,919	18,823	39,435	26,678	30,081	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,772	11,945	15,528	26,115	12,501	9,803	6,593	8,793	4,000	4,402
1973	Above Normal	4,000	11,966	21,389	80,077	86,530	54,702	20,054	18,923	9,383	8,503	4,000	11,719
1974	Wet	6,250	51,272	62,755	131,618	38,663	107,576	70,264	23,968	15,175	8,000	4,883	19,375
1975	Wet	7,969	14,573	5,373	9,606	55,500	84,561	27,612	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,049	7,101	7,990	9,716	8,748	4,000	4,385	4,236	3,708	3,056
1977	Critical	5,749	3,500	4,575	7,032	7,714	7,239	7,100	4,000	4,212	4,000	3,507	3,000
1978	Above Normal	4,015	3,500	11,539	67,167	51,540	69,260	48,155	25,141	12,947	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,957	21,745	34,084	27,107	19,579	19,724	8,067	6,500	4,013	3,360
1980	Above Normal	4,416	10,212	11,548	103,383	133,289	61,744	23,105	19,136	12,234	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,178	19,429	20,488	19,782	14,364	8,984	7,100	5,000	4,204	3,096
1982	Wet	4,000	28,061	88,444	75,225	99,592	82,034	140,278	47,097	19,992	8,000	4,000	19,375
1983	Wet	13,318	41,736	82,312	106,784	177,975	259,322	89,002	77,088	68,586	33,255	16,248	21,940
1984	Wet	10,671	80,808	156,648	63,522	36,588	34,640	18,464	13,729	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,049	12,162	10,075	11,382	11,601	13,723	9,983	6,719	5,000	4,049	4,457
1986	Wet	4,000	4,731	11,415	22,482	211,684	145,610	27,945	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,900	9,705	15,920	23,042	8,956	7,632	7,100	5,000	4,215	3,000
1988	Critical	4,000	4,500	13,008	26,534	13,526	6,088	9,779	7,031	7,100	4,000	3,098	3,000
1989	Dry	3,873	4,273	5,749	7,859	8,636	48,549	20,006	10,915	5,938	5,233	3,907	4,340
1990	Critical	4,000	4,500	4,737	14,811	11,400	11,075	9,753	6,610	4,000	4,121	4,136	3,000
1991	Critical	3,493	3,500	4,328	6,689	7,773	33,979	10,568	5,145	4,000	4,364	4,365	3,000
1992	Critical	3,163	4,106	3,500	9,483	33,269	16,741	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,512	3,500	8,404	63,426	55,595	39,233	42,002	31,051	22,332	8,000	4,000	12,500
1994	Critical	6,250	10,625	4,977	9,033	19,477	7,968	10,336	7,657	4,168	4,278	4,295	3,000
1995	Wet	5,052	3,500	9,843	115,053	50,396	211,662	68,974	83,896	39,690	21,741	8,510	14,375
1996	Wet	11,563	12,570	19,544	47,677	123,134	68,106	47,199	48,551	10,734	8,000	4,000	21,250
1997	Wet	7,813	15,625	77,480	278,453	72,044	21,783	19,838	14,405	7,006	11,239	4,000	18,750
1998	Wet	7,813	15,313	9,561	48,182	220,804	81,419	64,477	58,962	73,263	27,877	11,571	18,905
1999	Wet	8,709	20,215	30,420	40,127	92,457	60,057	30,712	21,329	10,868	8,265	4,000	20,000
2000	Above Normal	7,500	15,398	4,620	21,690	109,501	63,179	22,644	18,774	6,226	10,395	4,000	11,719
2001	Dry	5,781	10,469	4,788	13,284	24,300	22,785	12,656	7,942	7,100	5,000	4,501	3,000
2002	Dry	4,000	5,742	27,922	48,728	14,232	17,163	16,823	12,982	4,967	5,000	4,515	3,416
2003	Above Normal	4,000	4,500	37,186	61,218	21,788	18,288	28,703	43,040	7,204	8,428	4,000	12,031

Simulated Delta Outflow (Node C406)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	4,000	4,500	9,237	12,796	38,495	27,417	29,791	56,029	37,199	8,000	4,000	13,750
1923	Below Normal	5,938	11,250	28,285	28,784	15,652	9,650	28,857	17,892	6,919	6,805	4,000	4,369
1924	Critical	4,000	4,500	4,500	8,254	13,288	9,613	6,604	4,000	4,000	4,064	4,703	3,000
1925	Dry	3,000	4,497	8,067	8,409	70,476	13,330	29,943	17,167	5,556	5,000	4,543	3,917
1926	Dry	4,000	4,500	4,500	14,259	44,634	12,758	27,638	9,923	5,469	5,083	3,761	3,000
1927	Wet	4,000	14,272	14,555	32,184	123,434	41,496	54,125	27,008	13,144	8,000	4,000	20,156
1928	Above Normal	7,656	15,938	5,869	20,988	22,914	81,785	28,749	10,849	8,469	10,495	4,000	11,563
1929	Critical	5,938	10,625	4,545	8,796	12,282	9,013	7,691	7,100	7,243	4,000	3,171	3,000
1930	Dry	3,000	3,587	13,643	18,847	16,246	30,226	11,632	8,459	7,100	5,000	4,273	3,398
1931	Critical	4,000	4,500	4,500	10,417	8,325	7,655	7,817	5,002	4,000	4,000	4,119	3,000
1932	Dry	3,000	3,500	14,352	17,214	14,905	10,469	13,121	14,360	9,800	5,000	3,500	3,000
1933	Critical	4,000	4,500	4,500	11,831	7,718	13,490	9,439	7,618	7,243	4,000	3,000	3,000
1934	Critical	3,483	3,500	8,807	14,673	14,291	10,625	9,673	7,031	7,100	4,000	3,354	3,000
1935	Below Normal	3,000	6,771	3,828	29,108	10,271	27,335	55,228	20,842	8,041	6,500	4,000	3,916
1936	Below Normal	4,000	4,500	4,500	40,907	78,397	32,398	28,631	16,605	8,666	6,500	4,000	4,080
1937	Below Normal	4,000	4,500	5,455	11,253	45,357	48,216	28,773	18,373	11,113	6,500	4,000	3,000
1938	Wet	4,000	16,909	65,213	28,358	136,483	164,120	76,523	70,667	36,627	8,000	4,000	20,625
1939	Dry	7,500	13,789	5,010	7,068	8,210	10,243	9,673	9,325	5,763	5,055	3,684	3,000
1940	Above Normal	4,614	4,500	4,500	34,555	65,953	109,360	73,353	18,159	6,166	10,062	4,000	11,563
1941	Wet	5,938	10,625	36,738	97,185	115,288	89,315	79,271	47,731	13,004	8,000	4,000	20,938
1942	Wet	7,656	14,198	45,643	78,171	136,389	23,909	56,686	40,549	22,565	8,000	4,000	21,094
1943	Wet	7,188	16,250	14,965	76,930	54,843	84,643	34,707	19,207	7,461	10,439	4,000	19,531
1944	Dry	7,500	12,549	5,130	11,666	23,543	18,820	12,771	9,910	6,717	5,000	3,763	3,000
1945	Below Normal	4,000	6,195	12,071	9,411	51,680	22,550	17,405	15,017	7,008	6,548	4,018	3,895
1946	Below Normal	4,710	5,615	69,514	46,446	15,036	16,897	18,190	15,532	7,223	6,663	4,043	3,894
1947	Dry	4,000	4,500	8,728	7,766	14,292	20,430	12,661	7,518	7,100	5,000	4,433	3,802
1948	Below Normal	4,000	4,500	4,796	13,019	11,145	13,776	28,400	29,215	14,162	6,500	4,000	4,008
1949	Dry	4,000	4,500	6,775	7,613	8,978	46,182	14,315	11,700	6,753	5,000	4,332	4,214
1950	Below Normal	4,000	4,500	4,500	19,599	35,615	16,458	22,033	15,606	8,866	6,500	4,000	4,269
1951	Above Normal	4,303	44,506	96,646	65,856	70,537	28,640	19,398	18,683	6,172	11,093	4,000	10,938
1952	Wet	6,563	10,313	36,096	82,348	73,249	62,623	75,256	72,972	36,446	11,811	6,010	19,375
1953	Wet	9,063	13,371	26,885	99,758	21,218	17,467	20,245	25,249	20,178	8,000	4,000	19,375
1954	Above Normal	8,125	15,469	4,500	23,813	52,281	44,288	44,476	12,884	7,134	11,579	4,000	11,563
1955	Dry	6,250	10,313	13,735	17,223	9,063	7,966	12,317	10,657	6,707	5,031	4,084	3,000
1956	Wet	4,920	4,500	92,023	158,892	81,615	37,506	23,995	45,773	18,755	8,000	4,000	20,938
1957	Above Normal	7,813	13,733	4,871	9,558	16,316	39,486	15,197	21,269	6,210	10,586	4,000	11,719
1958	Wet	5,938	10,313	17,287	39,397	150,476	116,135	104,131	53,928	29,872	8,000	5,304	18,750
1959	Below Normal	8,750	13,616	5,111	21,195	47,640	11,851	10,728	9,403	7,100	8,376	4,000	4,630
1960	Dry	4,000	4,500	4,500	9,418	28,659	16,870	12,292	8,730	6,875	5,097	4,345	3,937
1961	Dry	4,000	6,695	7,919	9,818	33,332	13,903	8,860	8,287	7,100	5,328	4,043	3,000
1962	Below Normal	4,937	4,500	11,480	6,000	57,250	20,046	16,320	14,331	5,728	7,849	4,000	3,822
1963	Wet	28,008	5,495	23,296	16,148	75,171	23,748	98,337	30,010	8,740	10,383	4,000	20,156
1964	Dry	7,656	15,781	4,500	20,945	9,487	7,830	9,905	9,355	7,543	5,000	3,953	3,668
1965	Wet	4,000	10,922	81,618	113,352	32,918	18,087	51,734	20,381	9,532	8,673	4,000	20,000
1966	Below Normal	7,813	15,469	6,986	24,814	20,915	18,249	15,860	9,951	6,422	8,390	4,000	4,211
1967	Wet	4,000	10,033	34,024	50,068	50,514	56,421	58,032	55,805	40,248	11,892	4,000	20,625
1968	Below Normal	7,500	13,849	5,174	21,728	56,476	30,312	11,482	10,741	6,250	8,720	4,000	3,613
1969	Wet	4,000	5,706	14,815	118,975	127,940	61,886	58,293	58,144	31,807	8,000	4,000	21,875
1970	Wet	7,188	14,641	46,670	207,428	75,448	36,342	14,486	13,717	7,685	10,855	4,000	18,438
1971	Wet	8,438	15,313	49,205	47,919	18,823	39,115	26,677	30,078	14,482	8,000	4,000	19,063
1972	Below Normal	8,438	14,591	6,772	11,945	15,529	26,116	12,500	9,802	6,593	8,794	4,000	4,402
1973	Above Normal	4,000	11,965	21,388	80,077	86,526	54,702	20,054	18,923	9,383	8,497	4,000	11,719
1974	Wet	6,250	50,908	62,759	131,416	38,663	107,576	70,264	23,968	15,174	8,000	4,882	19,375
1975	Wet	7,969	14,573	5,373	9,604	55,528	84,654	27,611	31,400	20,493	8,000	4,000	19,688
1976	Critical	8,125	15,938	5,049	7,101	7,990	9,717	8,748	4,000	4,385	4,233	3,713	3,056
1977	Critical	5,748	3,500	4,575	7,033	7,714	7,239	7,100	4,000	4,209	4,000	3,522	3,000
1978	Above Normal	3,996	3,500	11,544	67,166	50,690	68,689	47,220	23,550	12,471	8,000	4,000	11,563
1979	Below Normal	5,938	10,625	4,500	21,798	33,568	27,045	19,624	19,724	8,067	6,500	4,000	3,359
1980	Above Normal	4,219	7,895	11,591	104,079	131,539	60,833	23,103	19,134	12,233	8,000	4,000	11,563
1981	Dry	6,250	10,313	5,189	19,426	20,476	20,300	14,360	8,980	7,100	5,000	4,236	3,135
1982	Wet	4,000	27,510	88,835	75,221	99,591	81,875	137,712	45,308	19,992	8,000	4,000	19,375
1983	Wet	13,309	40,715	78,975	101,872	176,412	258,044	87,767	77,795	68,082	33,231	16,247	21,939
1984	Wet	10,670	80,622	155,253	63,499	36,875	34,748	18,463	13,728	7,700	10,415	4,000	19,063
1985	Dry	8,281	19,040	12,160	10,073	11,381	11,599	13,723	9,983	6,719	5,000	4,050	4,457
1986	Wet	4,000	4,731	11,412	22,480	210,010	140,883	27,943	19,138	10,373	8,000	4,000	18,438
1987	Dry	8,125	12,707	4,898	9,706	15,919	23,041	8,956	7,632	7,100	5,000	4,168	3,000
1988	Critical	4,000	4,500	13,007	26,533	13,526	6,088	9,779	7,031	7,100	4,000	3,095	3,000
1989	Dry	3,869	4,275	5,740	7,852	8,636	48,554	20,007	10,915	5,938	5,233	3,888	4,296
1990	Critical	4,000	4,500	4,746	14,810	11,400	11,074	9,754	6,610	4,000	4,121	4,427	3,000
1991	Critical	3,544	3,500	4,347	6,727	7,786	33,992	10,580	5,158	4,000	4,363	4,357	3,000
1992	Critical	3,174	4,077	3,500	9,525	33,266	16,738	9,653	6,144	7,100	4,000	3,000	3,000
1993	Above Normal	5,506	3,500	8,402	63,424	55,591	39,238	42,006	30,959	22,352	8,000	4,000	12,500
1994	Critical	6,250	10,625	5,012	9,027	19,475	7,967	10,337	7,658	4,168	4,284	4,282	3,000
1995	Wet	5,064	3,500	9,830	114,934	50,353	209,966	67,865	86,732	39,561	17,354	8,513	14,531
1996	Wet	11,563	12,570	19,009	47,356	120,247	68,076	47,186	48,544	10,733	8,000	4,000	21,250
1997	Wet	7,813	15,625	75,670	272,359	70,764	21,780	19,838	14,405	6,899	11,313	4,000	18,750
1998	Wet	7,813	15,313	9,560	48,193	219,288	80,900	63,722	58,388	70,632	24,315	11,568	18,902
1999	Wet	8,769	20,211	30,417	40,124	92,454	60,054	30,709	21,326	10,868	8,266	4,000	20,000
2000	Above Normal	7,500	15,398	4,622	21,681	109,347	63,134	22,643	18,773	6,226	10,390	4,000	11,719
2001	Dry	5,781	10,469	4,765	13,280	24,297	22,782	12,656	7,943	7,100	5,000	4,512	3,000
2002	Dry	4,000	5,735	27,918	48,717	14,232	17,160	16,823	12,981	4,967	5,000	4,501	3,451
2003	Above Normal	4,000	4,500	37,124	61,201	21,786	18,286	28,700	43,037	7,204	8,429	4,000	12,031

Change in Simulated Delta Outflow (Node C406)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	2	-3	0	-1	0	0	0	0
1923	Below Normal	0	0	-2	-92	0	1	-8	1	1	0	0	0
1924	Critical	0	0	0	0	-1	0	0	0	0	0	0	0
1925	Dry	0	-2	-2	-4	-4	-3	-3	0	0	0	2	1
1926	Dry	0	0	0	-3	-8	0	-2	0	0	0	0	0
1927	Wet	0	-4	-4	-3	-21	-2	-2	-2	0	0	0	0
1928	Above Normal	0	0	-2	-2	-3	-13	-2	0	0	0	0	0
1929	Critical	0	0	-1	-2	-2	0	0	0	0	0	0	0
1930	Dry	0	0	-2	-3	-2	-1	0	0	0	0	1	0
1931	Critical	0	0	0	-2	-2	-1	0	2	0	0	-1	0
1932	Dry	0	0	-6	-5	-3	77	0	0	0	0	0	0
1933	Critical	0	0	0	-6	-6	-5	0	0	0	0	0	0
1934	Critical	-3	0	-2,396	-8	-8	0	0	0	0	0	72	0
1935	Below Normal	0	-23	-8	-8	-5	-6	-3	-1	0	0	0	1
1936	Below Normal	0	0	0	-19	286	-9	-5	0	0	0	0	0
1937	Below Normal	0	0	0	-5	-821	-1,321	-847	-605	73	0	0	0
1938	Wet	0	-80	-4	-46	-1,716	-2,721	-2,416	2,700	-1,109	0	0	0
1939	Dry	0	0	45	-12	0	6	0	7	33	-1	-33	0
1940	Above Normal	-230	0	0	33	222	23	-9	0	0	-13	0	0
1941	Wet	0	0	519	16	-1,217	0	0	-1	0	0	0	0
1942	Wet	0	0	-90	0	-73	-1	-2	-2	0	0	0	0
1943	Wet	0	0	4	-337	23	-1,476	0	3	0	-150	0	156
1944	Dry	0	0	1	-4	-3	-2	0	0	0	0	-1	0
1945	Below Normal	0	1	1	1	-505	-1	1	1	0	0	0	14
1946	Below Normal	-10	95	-7	3	0	-1	2	-108	177	-107	43	69
1947	Dry	0	0	-5	0	-49	-146	4	4	0	0	11	-3
1948	Below Normal	0	0	-6	-2	0	-1	0	1	-24	0	0	0
1949	Dry	0	-38	45	-1	-1	-3	1	1	0	0	-2	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	0	0	0
1951	Above Normal	0	-29	-2,186	-1,391	-373	-2	0	0	0	-1	0	0
1952	Wet	0	0	2	-69	-33	-58	-396	-735	-573	26	15	0
1953	Wet	0	0	-1,422	533	-22	-19	-1	-6	-8	0	0	0
1954	Above Normal	0	0	0	110	18	-374	1	-3	-7	7	0	0
1955	Dry	0	0	-1	0	0	-1	0	-1	0	0	-1	0
1956	Wet	93	0	-787	-3,637	-862	-73	-1	-1	0	0	0	0
1957	Above Normal	0	0	0	-1	-1	-4	0	-1	0	0	0	0
1958	Wet	0	0	-1	-1	0	0	-306	-2	-1	0	-2	0
1959	Below Normal	0	0	0	-1,127	-303	-5	0	0	0	-1	0	36
1960	Dry	0	0	0	-3	-2	-2	0	1	0	0	0	-2
1961	Dry	0	0	-89	3	-2	0	0	0	0	4	-5	0
1962	Below Normal	3	0	-12	0	-11	0	0	0	0	1	0	0
1963	Wet	-6	-2	-1	-1	4	-1	-1	-1	0	0	0	0
1964	Dry	0	0	0	1	0	0	1	0	0	0	0	1
1965	Wet	0	-2	-7	-7	-1	1	5	0	0	1	0	0
1966	Below Normal	0	0	1	-2	-1	109	21	0	0	8	0	-2
1967	Wet	0	-5	-17	-1	-1	1	-486	-515	-828	-1,832	0	156
1968	Below Normal	0	0	0	-90	-2,069	35	0	0	0	-3	0	0
1969	Wet	0	2	-1	-803	-4,171	-2,656	-920	-5,243	-2,457	0	0	-313
1970	Wet	156	0	55	-5	2	-22	0	0	3	-3	0	0
1971	Wet	0	0	3	0	0	-320	-1	-3	-1	0	0	0
1972	Below Normal	0	0	0	0	1	1	-1	-1	0	0	0	0
1973	Above Normal	0	-1	0	0	-4	0	0	0	0	-6	0	0
1974	Wet	0	-364	3	-201	0	0	0	0	-1	0	-1	0
1975	Wet	0	0	0	-2	28	94	-1	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-4	4	-1
1977	Critical	-1	0	0	0	0	0	0	0	-2	0	15	0
1978	Above Normal	-19	0	5	-1	-850	-571	-935	-1,591	-476	0	0	0
1979	Below Normal	0	0	-457	53	-516	-62	45	-1	0	0	-13	-1
1980	Above Normal	-198	-2,318	42	695	-1,750	-911	-2	-2	-1	0	0	0
1981	Dry	0	0	11	-3	-12	518	-4	-5	0	0	32	39
1982	Wet	0	-550	391	-4	-1	-159	-2,565	-1,789	0	0	0	0
1983	Wet	-9	-1,022	-3,337	-4,913	-1,563	-1,278	-1,235	706	-504	-24	-1	-1
1984	Wet	-1	-186	-1,395	-23	287	108	-1	0	0	-1	0	0
1985	Dry	0	-9	-2	-2	-2	-1	0	0	0	0	0	0
1986	Wet	0	0	-3	-2	-1,674	-4,727	-1	0	0	0	0	0
1987	Dry	0	0	-2	1	-1	-1	0	0	0	0	-47	0
1988	Critical	0	0	-1	-1	0	0	0	0	0	0	-3	0
1989	Dry	-4	3	-9	-7	0	5	1	0	0	0	-19	-43
1990	Critical	0	0	9	-1	0	-1	0	0	0	0	291	0
1991	Critical	51	0	19	38	13	13	13	13	0	-1	-9	0
1992	Critical	11	-29	0	42	-4	-3	-1	0	0	0	0	0
1993	Above Normal	-6	0	-3	-3	-3	5	4	-92	19	0	0	0
1994	Critical	0	0	35	-6	-2	-1	0	1	0	6	-13	0
1995	Wet	12	0	-13	-119	-43	-1,696	-1,110	2,837	-128	-4,386	3	156
1996	Wet	0	0	-535	-321	-2,887	-30	-13	-8	-1	0	0	0
1997	Wet	0	0	-1,810	-6,095	-1,280	-4	0	0	-107	73	0	0
1998	Wet	0	0	-1	12	-1,516	-519	-755	-574	-2,631	-3,562	-3	-3
1999	Wet	60	-3	-3	-3	-3	-3	-3	-3	0	0	0	0
2000	Above Normal	0	0	2	-9	-153	-45	-1	-1	0	-5	0	0
2001	Dry	0	0	-23	-4	-3	-2	0	0	0	0	11	0
2002	Dry	0	-6	-5	-11	0	-2	0	0	0	0	-14	35
2003	Above Normal	0	0	-62	-17	-3	-2	-2	-2	0	1	0	0

Percent Change in Simulated Delta Outflow (Node C406)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-21%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	-3%	-3%	-3%	1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	-1%	-2%	-3%	4%	-3%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%	-1%	0%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	-1%	3%	-2%	1%	2%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1953	Wet	0%	0%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	2%	0%	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-13%	0%	1%
1968	Below Normal	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-1%	-3%	-4%	-2%	-8%	-7%	0%	0%	-1%
1970	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-2%	-1%	-2%	-6%	-4%	0%	0%	0%
1979	Below Normal	0%	0%	-9%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	-23%	0%	1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	0%	-2%	0%	0%	0%	0%	-2%	-4%	0%	0%	0%	0%
1983	Wet	0%	-2%	-4%	-5%	-1%	0%	-1%	1%	-1%	0%	0%	0%
1984	Wet	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%
1991	Critical	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	-2%	3%	0%	-20%	0%	1%
1996	Wet	0%	0%	-3%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	-2%	-2%	-2%	0%	0%	0%	-2%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-4%	-13%	0%	0%
1999	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	215	233	292	360	439	424	196	276	524	503	342	292
1923	Above Normal	303	333	413	439	439	441	392	468	430	347	229	211
1924	Critical	235	261	275	287	271	273	314	316	233	159	134	159
1925	Below Normal	160	177	207	239	313	292	293	365	360	283	191	182
1926	Dry	207	226	247	262	294	295	382	496	433	277	171	176
1927	Above Normal	180	219	267	307	423	438	349	442	490	402	255	213
1928	Below Normal	233	309	348	378	387	438	450	515	436	277	183	183
1929	Critical	165	158	166	174	168	145	161	244	228	171	142	176
1930	Critical	153	135	138	149	163	147	213	222	239	168	140	175
1931	Critical	158	148	153	162	166	133	184	205	162	131	131	151
1932	Above Normal	155	153	216	287	439	441	325	356	473	424	268	220
1933	Dry	231	255	268	292	282	278	264	193	258	227	164	181
1934	Critical	183	179	213	253	276	314	402	382	284	188	158	169
1935	Above Normal	160	167	195	253	314	281	242	374	508	388	243	209
1936	Above Normal	227	258	275	311	439	479	448	523	501	380	242	205
1937	Wet	213	235	268	300	439	479	358	524	524	421	265	220
1938	Wet	238	266	428	439	429	479	362	307	524	524	422	346
1939	Dry	357	374	394	434	439	478	523	505	387	251	158	168
1940	Above Normal	183	177	179	294	387	449	389	523	504	336	180	156
1941	Wet	166	188	274	383	439	479	348	364	463	475	324	243
1942	Wet	247	271	351	439	439	466	402	354	466	442	287	229
1943	Wet	241	295	336	412	439	479	456	523	496	379	244	210
1944	Below Normal	217	243	262	289	301	310	260	323	319	251	177	184
1945	Above Normal	199	246	299	338	439	458	346	416	470	406	265	226
1946	Above Normal	273	354	439	439	439	453	417	524	494	360	225	201
1947	Dry	226	296	379	424	439	466	456	521	417	266	172	180
1948	Below Normal	177	178	184	193	185	131	136	225	292	216	165	189
1949	Below Normal	194	192	210	227	236	211	239	336	355	234	160	176
1950	Below Normal	193	202	218	256	320	298	338	410	398	278	175	181
1951	Above Normal	202	357	381	439	439	456	378	380	347	256	178	184
1952	Wet	192	198	261	398	439	397	291	485	524	521	408	343
1953	Below Normal	336	341	373	439	439	442	415	369	314	269	187	189
1954	Below Normal	189	191	204	230	264	275	316	440	410	294	191	178
1955	Dry	192	206	236	273	299	284	240	258	316	226	165	179
1956	Wet	181	180	351	351	439	479	392	388	446	412	289	240
1957	Below Normal	265	294	312	344	367	364	293	302	369	282	188	188
1958	Wet	206	220	261	298	378	426	348	474	524	502	371	313
1959	Dry	310	317	323	359	407	475	523	497	400	254	147	178
1960	Critical	179	170	169	176	200	189	274	308	272	185	155	172
1961	Critical	153	151	176	188	198	166	230	235	198	136	136	161
1962	Below Normal	167	175	205	234	401	367	320	393	466	389	249	214
1963	Above Normal	233	259	270	304	439	452	325	341	424	379	252	222
1964	Dry	243	315	355	383	371	369	358	357	315	210	161	175
1965	Wet	161	176	299	439	439	417	286	298	326	289	240	220
1966	Below Normal	236	339	412	439	439	478	520	523	425	261	157	163
1967	Wet	151	162	367	439	439	399	292	326	524	524	444	363
1968	Dry	302	290	299	323	306	351	405	435	354	219	167	187
1969	Wet	167	179	223	351	372	326	191	375	524	524	445	354
1970	Above Normal	318	320	344	439	439	479	415	426	414	290	200	197
1971	Below Normal	197	219	288	353	386	376	336	339	323	240	172	186
1972	Dry	201	218	272	308	332	386	354	359	319	199	133	176
1973	Above Normal	175	189	227	294	385	379	257	493	524	398	254	216
1974	Wet	243	336	426	439	439	479	424	478	495	377	246	209
1975	Wet	229	262	294	329	365	395	239	319	496	390	240	212
1976	Critical	256	302	327	342	339	370	391	380	269	162	132	176
1977	Critical	182	182	194	211	217	219	240	213	181	141	131	152
1978	Wet	152	152	230	388	439	479	393	413	524	524	434	439
1979	Above Normal	393	391	400	439	439	479	438	523	509	363	228	200
1980	Wet	222	262	291	380	405	479	475	452	461	524	416	349
1981	Dry	354	368	388	422	437	462	465	512	432	268	177	184
1982	Wet	178	230	286	392	439	447	524	524	524	523	440	440
1983	Wet	439	432	418	412	439	475	228	131	524	524	515	456
1984	Above Normal	406	437	407	439	439	478	385	440	401	296	209	207
1985	Dry	231	283	324	360	375	380	434	487	396	252	159	179
1986	Wet	182	202	262	341	393	479	421	491	524	456	313	273
1987	Critical	301	322	335	359	362	389	443	457	356	205	140	152
1988	Critical	135	139	157	205	224	219	277	295	251	174	149	172
1989	Critical	154	143	156	170	186	209	320	363	304	196	156	179
1990	Critical	175	173	184	201	213	207	297	287	230	171	152	166
1991	Critical	152	140	142	143	136	146	152	193	240	175	143	184
1992	Critical	170	168	183	201	244	239	343	388	287	194	158	173
1993	Wet	158	151	175	347	439	479	313	387	450	437	291	236
1994	Critical	252	270	289	317	321	356	392	409	349	229	156	172
1995	Wet	195	219	259	439	439	479	333	288	524	524	489	385
1996	Wet	293	270	286	337	434	479	371	488	490	381	246	211
1997	Wet	226	325	429	351	422	479	447	523	432	290	159	150
1998	Wet	170	204	239	334	439	479	440	350	524	524	452	363
1999	Above Normal	308	309	330	380	392	419	364	423	449	312	204	198
2000	Above Normal	213	225	238	306	382	439	407	519	519	360	226	199
2001	Dry	219	246	262	285	289	332	341	449	379	241	164	177
2002	Dry	167	171	222	276	304	288	353	404	375	260	168	173
2003	Below Normal	166	212	250	303	339	327	273	331	399	269	182	182

Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1923	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1924	Critical	340	340	340	340	340	340	340	340	340	282	202	203
1925	Below Normal	187	199	229	261	326	303	306	340	340	316	233	231
1926	Dry	256	273	289	298	325	323	340	340	340	317	217	229
1927	Above Normal	232	269	313	340	340	340	340	340	340	340	310	269
1928	Below Normal	286	340	340	340	340	340	340	340	340	320	232	237
1929	Critical	218	209	213	213	203	179	193	274	251	188	154	186
1930	Critical	161	143	145	156	170	154	220	228	246	176	147	182
1931	Critical	165	155	159	168	172	139	190	211	168	131	130	156
1932	Above Normal	160	158	220	291	340	340	338	340	340	340	306	266
1933	Dry	277	299	309	326	313	306	292	223	292	263	206	228
1934	Critical	228	223	252	285	304	340	340	340	307	206	172	182
1935	Above Normal	172	179	206	265	325	294	263	340	340	340	270	253
1936	Above Normal	274	303	316	340	340	340	340	340	340	340	317	273
1937	Wet	276	296	325	340	340	340	340	340	340	340	340	340
1938	Wet	340	340	340	340	340	340	340	340	449	449	340	340
1939	Dry	340	340	340	340	340	340	340	340	340	340	340	340
1940	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1941	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1942	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1943	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1944	Below Normal	340	340	340	340	340	340	340	340	340	340	289	266
1945	Above Normal	269	313	340	340	340	340	340	340	340	340	340	340
1946	Above Normal	340	340	340	340	340	340	340	340	340	340	318	277
1947	Dry	295	340	340	340	340	340	340	340	340	315	223	235
1948	Below Normal	231	230	232	234	220	161	164	230	300	250	179	196
1949	Below Normal	215	221	236	251	259	232	261	340	340	259	187	205
1950	Below Normal	222	229	243	278	340	316	340	340	340	314	219	231
1951	Above Normal	252	340	340	340	340	340	340	340	340	340	317	279
1952	Wet	272	275	333	340	340	340	340	340	340	340	340	340
1953	Below Normal	340	340	340	340	340	340	340	340	340	340	303	273
1954	Below Normal	262	261	269	287	299	307	340	340	340	335	237	230
1955	Dry	243	256	281	311	333	315	271	290	340	263	206	225
1956	Wet	226	223	340	340	340	340	340	340	340	340	340	340
1957	Below Normal	340	340	340	340	340	340	340	340	340	340	303	271
1958	Wet	278	288	324	340	340	340	340	340	340	340	340	340
1959	Dry	340	340	340	340	340	340	340	340	340	340	255	263
1960	Critical	256	243	237	236	239	227	310	340	299	205	170	184
1961	Critical	163	161	186	197	207	175	239	244	207	144	143	168
1962	Below Normal	173	182	211	240	340	340	330	340	340	340	288	260
1963	Above Normal	279	304	311	339	340	340	340	340	340	340	302	274
1964	Dry	293	340	340	340	340	340	340	340	340	233	181	195
1965	Wet	181	195	317	340	340	340	340	340	340	340	308	279
1966	Below Normal	290	340	340	340	340	340	340	340	340	340	239	243
1967	Wet	227	236	340	340	340	340	340	340	340	340	340	340
1968	Dry	340	340	340	340	340	340	340	340	340	340	312	273
1969	Wet	251	267	302	340	340	340	340	340	449	449	340	340
1970	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1971	Below Normal	340	340	340	340	340	340	340	340	340	340	285	267
1972	Dry	272	286	335	340	340	340	340	340	340	228	162	207
1973	Above Normal	204	217	254	318	340	340	268	340	340	340	307	266
1974	Wet	289	340	340	340	340	340	340	340	340	340	340	340
1975	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1976	Critical	340	340	340	340	340	340	340	340	340	310	215	235
1977	Critical	244	247	252	259	252	253	273	244	206	158	133	159
1978	Wet	157	157	235	340	340	340	340	340	340	340	340	340
1979	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
1980	Wet	340	340	340	340	340	340	340	340	340	340	340	340
1981	Dry	340	340	340	340	340	340	340	340	340	340	322	283
1982	Wet	262	310	340	340	340	340	340	340	340	340	340	340
1983	Wet	340	340	340	340	340	374	340	340	449	449	428	360
1984	Above Normal	340	362	340	364	361	398	340	340	340	340	340	340
1985	Dry	340	340	340	340	340	340	340	340	340	340	286	269
1986	Wet	259	276	330	340	340	340	340	340	340	340	340	340
1987	Critical	340	340	340	340	340	340	340	340	340	340	261	246
1988	Critical	236	244	254	292	298	291	340	340	300	205	169	188
1989	Critical	167	154	166	181	195	218	330	340	314	207	166	189
1990	Critical	186	183	194	212	223	217	308	298	241	181	161	175
1991	Critical	161	149	150	151	144	154	160	200	247	181	149	190
1992	Critical	176	174	189	206	250	244	340	340	295	204	169	184
1993	Wet	168	161	185	340	340	340	340	340	340	340	340	340
1994	Critical	340	340	340	340	340	340	340	340	340	340	246	243
1995	Wet	258	280	315	340	340	340	340	340	340	449	391	340
1996	Wet	340	340	340	340	340	373	340	403	392	340	340	340
1997	Wet	340	340	340	340	347	403	361	438	340	340	340	340
1998	Wet	340	340	340	340	340	340	340	340	340	449	347	340
1999	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2000	Above Normal	340	340	340	340	340	340	340	340	340	340	340	340
2001	Dry	340	340	340	340	340	340	340	340	340	340	254	248
2002	Dry	230	231	277	324	340	323	340	340	340	286	192	196
2003	Below Normal	188	233	270	322	340	340	289	340	340	302	224	231

Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	125	107	48	-20	-99	-84	144	64	-184	-163	-2	48
1923	Above Normal	37	7	-73	-99	-99	-101	-52	-128	-90	-7	111	129
1924	Critical	105	79	65	53	69	67	26	24	107	124	68	44
1925	Below Normal	27	22	22	22	14	11	13	-25	-20	33	42	49
1926	Dry	48	47	43	36	31	29	-42	-156	-93	40	47	52
1927	Above Normal	52	50	46	33	-83	-98	-9	-102	-150	-62	56	56
1928	Below Normal	53	31	-8	-38	-47	-98	-110	-175	-96	43	49	53
1929	Critical	52	51	47	40	35	34	32	30	24	17	12	10
1930	Critical	8	8	8	7	7	7	7	7	7	7	7	7
1931	Critical	7	6	6	6	6	6	6	6	6	0	-1	5
1932	Above Normal	5	5	5	5	-99	-101	13	-16	-133	-84	38	45
1933	Dry	45	44	41	34	31	28	29	30	34	36	41	46
1934	Critical	46	44	40	33	28	26	-62	-42	22	18	15	13
1935	Above Normal	12	12	12	12	11	13	22	-34	-168	-48	27	44
1936	Above Normal	46	45	41	29	-99	-139	-108	-183	-161	-40	76	68
1937	Wet	64	61	57	40	-99	-139	-18	-184	-184	-81	75	120
1938	Wet	102	74	-88	-99	-89	-139	-22	33	-75	-75	-82	-6
1939	Dry	-17	-34	-54	-94	-99	-138	-183	-165	-47	89	182	172
1940	Above Normal	157	163	161	46	-47	-109	-49	-183	-164	4	160	184
1941	Wet	174	152	66	-43	-99	-139	-8	-24	-123	-135	16	97
1942	Wet	93	69	-11	-99	-99	-126	-62	-14	-126	-102	53	111
1943	Wet	99	45	4	-72	-99	-139	-116	-183	-156	-39	96	130
1944	Below Normal	123	97	78	51	39	30	80	17	21	89	112	81
1945	Above Normal	70	67	41	2	-99	-118	-6	-76	-130	-66	75	114
1946	Above Normal	67	-14	-99	-99	-99	-113	-77	-184	-154	-20	94	76
1947	Dry	69	44	-39	-84	-99	-126	-116	-181	-77	49	51	55
1948	Below Normal	54	52	48	41	36	30	28	5	8	34	14	6
1949	Below Normal	21	29	26	23	23	21	21	4	-15	25	27	29
1950	Below Normal	28	28	26	22	20	17	2	-70	-58	36	44	50
1951	Above Normal	50	-17	-41	-99	-99	-116	-38	-40	-7	84	139	95
1952	Wet	80	77	71	-58	-99	-57	49	-145	-184	-181	-68	-3
1953	Below Normal	4	-1	-33	-99	-99	-102	-75	-29	26	71	116	84
1954	Below Normal	73	70	65	57	35	32	24	-100	-70	41	47	52
1955	Dry	51	50	46	38	33	31	31	32	24	37	41	46
1956	Wet	45	43	-11	-11	-99	-139	-52	-48	-106	-72	51	100
1957	Below Normal	75	46	28	-4	-27	-24	47	38	-29	58	115	83
1958	Wet	71	68	63	42	-38	-86	-8	-134	-184	-162	-31	27
1959	Dry	30	23	17	-19	-67	-135	-183	-157	-60	86	107	85
1960	Critical	76	73	68	60	39	38	36	32	28	20	15	12
1961	Critical	10	10	10	10	9	9	9	9	9	8	7	7
1962	Below Normal	6	6	6	6	-61	-27	10	-53	-126	-49	38	46
1963	Above Normal	46	45	41	35	-99	-112	15	-1	-84	-39	50	51
1964	Dry	49	25	-15	-43	-31	-29	-18	-17	25	23	21	20
1965	Wet	19	19	18	-99	-99	-77	54	42	14	51	68	59
1966	Below Normal	54	1	-72	-99	-99	-138	-180	-183	-85	79	82	80
1967	Wet	76	74	-27	-99	-99	-59	48	14	-184	-184	-104	-23
1968	Dry	38	50	41	17	34	-11	-65	-95	-14	121	146	87
1969	Wet	84	88	79	-11	-32	14	149	-35	-75	-75	-105	-14
1970	Above Normal	22	20	-4	-99	-99	-139	-75	-86	-74	50	140	143
1971	Below Normal	143	121	52	-13	-46	-36	4	1	17	100	113	82
1972	Dry	71	68	63	32	8	-46	-14	-19	21	29	29	31
1973	Above Normal	30	29	27	23	-45	-39	11	-153	-184	-58	54	50
1974	Wet	46	4	-86	-99	-99	-139	-84	-138	-155	-37	94	131
1975	Wet	111	78	46	11	-25	-55	101	21	-156	-50	100	128
1976	Critical	84	38	13	-2	1	-30	-51	-40	71	148	83	59
1977	Critical	63	66	58	48	35	34	33	31	25	17	2	7
1978	Wet	6	5	5	-48	-99	-139	-53	-73	-184	-184	-94	-99
1979	Above Normal	-53	-51	-60	-99	-99	-139	-98	-183	-169	-23	112	140
1980	Wet	118	78	49	-40	-65	-139	-135	-112	-121	-184	-76	-9
1981	Dry	-14	-28	-48	-82	-97	-122	-125	-172	-92	72	145	99
1982	Wet	84	80	54	-52	-99	-107	-184	-184	-184	-183	-100	-100
1983	Wet	-99	-92	-78	-72	-99	-101	112	209	-75	-75	-87	-96
1984	Above Normal	-66	-75	-67	-75	-78	-80	-45	-100	-61	44	131	133
1985	Dry	109	57	16	-20	-35	-40	-94	-147	-56	88	127	90
1986	Wet	77	74	69	-1	-53	-139	-81	-151	-184	-116	27	67
1987	Critical	39	18	5	-19	-22	-49	-103	-117	-16	135	121	94
1988	Critical	101	105	98	87	74	71	63	45	49	31	20	16
1989	Critical	12	11	11	11	9	9	9	-23	10	11	11	11
1990	Critical	10	10	10	10	10	10	10	10	10	10	9	9
1991	Critical	8	8	8	8	8	8	7	7	7	7	6	6
1992	Critical	6	6	6	6	6	6	-3	-48	9	10	11	11
1993	Wet	11	11	11	-7	-99	-139	27	-47	-110	-97	49	104
1994	Critical	88	70	51	23	19	-16	-52	-69	-9	111	90	72
1995	Wet	64	61	56	-99	-99	-139	7	52	-184	-75	-98	-45
1996	Wet	47	70	54	3	-94	-105	-31	-84	-98	-41	94	129
1997	Wet	114	15	-89	-11	-75	-76	-86	-85	-92	50	181	190
1998	Wet	170	136	101	6	-99	-139	-100	-10	-184	-75	-105	-23
1999	Above Normal	32	31	10	-40	-52	-79	-24	-83	-109	28	136	142
2000	Above Normal	127	115	102	34	-42	-99	-67	-179	-179	-20	114	141
2001	Dry	121	94	78	55	51	8	-1	-109	-39	99	91	71
2002	Dry	63	60	55	47	36	34	-13	-64	-35	26	23	23
2003	Below Normal	22	21	20	19	1	13	16	9	-59	33	42	48

Percent Change in Simulated End-of-Month Millerton Reservoir Storage (Node S18)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	58%	46%	16%	-5%	-23%	-20%	73%	23%	-35%	-32%	-1%	17%
1923	Above Normal	12%	2%	-18%	-23%	-23%	-23%	-13%	-27%	-21%	-2%	48%	61%
1924	Critical	45%	30%	24%	19%	26%	24%	8%	8%	46%	78%	51%	27%
1925	Below Normal	17%	12%	10%	9%	4%	4%	4%	-7%	-5%	12%	22%	27%
1926	Dry	23%	21%	17%	14%	11%	10%	-11%	-32%	-21%	15%	27%	30%
1927	Above Normal	29%	23%	17%	11%	-20%	-22%	-3%	-23%	-31%	-15%	22%	26%
1928	Below Normal	23%	10%	-2%	-10%	-12%	-22%	-24%	-34%	-22%	15%	26%	29%
1929	Critical	32%	32%	28%	23%	21%	23%	20%	12%	11%	10%	8%	6%
1930	Critical	5%	6%	6%	5%	4%	5%	3%	3%	3%	4%	5%	4%
1931	Critical	4%	4%	4%	4%	4%	5%	3%	3%	4%	0%	-1%	3%
1932	Above Normal	3%	3%	2%	2%	-23%	-23%	4%	-5%	-28%	-20%	14%	21%
1933	Dry	20%	17%	15%	12%	11%	10%	11%	16%	13%	16%	25%	26%
1934	Critical	25%	24%	19%	13%	10%	8%	-15%	-11%	8%	9%	9%	8%
1935	Above Normal	8%	7%	6%	5%	4%	5%	9%	-9%	-33%	-12%	11%	21%
1936	Above Normal	20%	17%	15%	9%	-23%	-29%	-24%	-35%	-32%	-10%	31%	33%
1937	Wet	30%	26%	21%	13%	-23%	-29%	-5%	-35%	-35%	-19%	28%	54%
1938	Wet	43%	28%	-21%	-23%	-21%	-29%	-6%	11%	-14%	-14%	-19%	-2%
1939	Dry	-5%	-9%	-14%	-22%	-23%	-29%	-35%	-33%	-12%	36%	116%	102%
1940	Above Normal	86%	92%	90%	16%	-12%	-24%	-13%	-35%	-33%	1%	88%	117%
1941	Wet	104%	80%	24%	-11%	-23%	-29%	-2%	-7%	-27%	-28%	5%	40%
1942	Wet	38%	26%	-3%	-23%	-23%	-27%	-15%	-4%	-27%	-23%	19%	48%
1943	Wet	41%	15%	1%	-18%	-23%	-29%	-25%	-35%	-31%	-10%	39%	62%
1944	Below Normal	57%	40%	30%	18%	13%	10%	31%	5%	6%	35%	64%	44%
1945	Above Normal	35%	27%	14%	0%	-23%	-26%	-2%	-18%	-28%	-16%	28%	51%
1946	Above Normal	25%	-4%	-23%	-23%	-23%	-25%	-19%	-35%	-31%	-5%	42%	38%
1947	Dry	31%	15%	-10%	-20%	-23%	-27%	-25%	-35%	-19%	18%	30%	31%
1948	Below Normal	30%	29%	26%	21%	19%	23%	21%	2%	3%	16%	8%	3%
1949	Below Normal	11%	15%	12%	10%	10%	10%	9%	1%	-4%	10%	17%	16%
1950	Below Normal	15%	14%	12%	9%	6%	6%	1%	-17%	-15%	13%	25%	28%
1951	Above Normal	25%	-5%	-11%	-23%	-23%	-25%	-10%	-11%	-2%	33%	78%	52%
1952	Wet	42%	39%	27%	-14%	-23%	-14%	17%	-30%	-35%	-35%	-17%	-1%
1953	Below Normal	1%	0%	-9%	-23%	-23%	-23%	-18%	-8%	8%	26%	62%	45%
1954	Below Normal	39%	37%	32%	25%	13%	12%	8%	-23%	-17%	14%	25%	29%
1955	Dry	27%	24%	19%	14%	11%	11%	13%	12%	8%	16%	25%	25%
1956	Wet	25%	24%	-3%	-3%	-23%	-29%	-13%	-12%	-24%	-17%	18%	42%
1957	Below Normal	28%	16%	9%	-1%	-7%	-7%	16%	13%	-8%	21%	61%	44%
1958	Wet	35%	31%	24%	14%	-10%	-20%	-2%	-28%	-35%	-32%	-8%	9%
1959	Dry	10%	7%	5%	-5%	-17%	-28%	-35%	-32%	-15%	34%	73%	48%
1960	Critical	42%	43%	40%	34%	19%	20%	13%	10%	10%	11%	9%	7%
1961	Critical	7%	7%	6%	5%	5%	5%	4%	4%	4%	6%	5%	4%
1962	Below Normal	4%	4%	3%	3%	-15%	-7%	3%	-14%	-27%	-13%	15%	22%
1963	Above Normal	20%	17%	15%	11%	-23%	-25%	5%	0%	-20%	-10%	20%	23%
1964	Dry	20%	8%	-4%	-11%	-8%	-8%	-5%	-5%	8%	11%	13%	12%
1965	Wet	12%	11%	6%	-23%	-23%	-19%	19%	14%	4%	18%	28%	27%
1966	Below Normal	23%	0%	-17%	-23%	-23%	-29%	-35%	-35%	-20%	30%	53%	49%
1967	Wet	50%	46%	-7%	-23%	-23%	-15%	17%	4%	-35%	-35%	-23%	-6%
1968	Dry	13%	17%	14%	5%	11%	-3%	-16%	-22%	-4%	55%	88%	46%
1969	Wet	51%	49%	35%	-3%	-9%	4%	78%	-9%	-14%	-14%	-24%	-4%
1970	Above Normal	7%	6%	-1%	-23%	-23%	-29%	-18%	-20%	-18%	17%	70%	73%
1971	Below Normal	72%	55%	18%	-4%	-12%	-9%	1%	0%	5%	42%	66%	44%
1972	Dry	35%	31%	23%	10%	2%	-12%	-4%	-5%	7%	15%	22%	17%
1973	Above Normal	17%	15%	12%	8%	-12%	-10%	4%	-31%	-35%	-15%	21%	23%
1974	Wet	19%	1%	-20%	-23%	-23%	-29%	-20%	-29%	-31%	-10%	38%	63%
1975	Wet	49%	30%	16%	3%	-7%	-14%	43%	7%	-32%	-13%	42%	60%
1976	Critical	33%	13%	4%	-1%	0%	-8%	-13%	-10%	26%	91%	62%	34%
1977	Critical	35%	36%	30%	23%	16%	16%	14%	14%	14%	12%	1%	5%
1978	Wet	4%	3%	2%	-12%	-23%	-29%	-13%	-18%	-35%	-35%	-22%	-23%
1979	Above Normal	-14%	-13%	-15%	-23%	-23%	-29%	-22%	-35%	-33%	-6%	49%	70%
1980	Wet	53%	30%	17%	-10%	-16%	-29%	-28%	-25%	-26%	-35%	-18%	-2%
1981	Dry	-4%	-8%	-12%	-19%	-22%	-26%	-27%	-34%	-21%	27%	82%	54%
1982	Wet	47%	35%	19%	-13%	-22%	-24%	-35%	-35%	-35%	-35%	-23%	-23%
1983	Wet	-23%	-21%	-19%	-18%	-23%	-21%	49%	160%	-14%	-14%	-17%	-21%
1984	Above Normal	-16%	-17%	-16%	-17%	-18%	-17%	-12%	-23%	-15%	15%	63%	65%
1985	Dry	47%	20%	5%	-5%	-9%	-11%	-22%	-30%	-14%	35%	80%	50%
1986	Wet	43%	37%	26%	0%	-13%	-29%	-19%	-31%	-35%	-25%	8%	24%
1987	Critical	13%	6%	2%	-5%	-6%	-13%	-23%	-26%	-4%	66%	86%	62%
1988	Critical	74%	76%	62%	42%	33%	33%	23%	15%	20%	18%	14%	9%
1989	Critical	8%	8%	7%	6%	5%	4%	3%	-6%	3%	6%	7%	6%
1990	Critical	6%	6%	6%	5%	5%	5%	3%	4%	4%	6%	6%	5%
1991	Critical	5%	6%	6%	6%	6%	5%	5%	4%	3%	4%	4%	3%
1992	Critical	3%	3%	3%	3%	2%	2%	-1%	-12%	3%	5%	7%	6%
1993	Wet	7%	7%	6%	-2%	-23%	-29%	9%	-12%	-24%	-22%	17%	44%
1994	Critical	35%	26%	18%	7%	6%	-4%	-13%	-17%	-2%	48%	58%	42%
1995	Wet	33%	28%	22%	-23%	-23%	-29%	2%	18%	-35%	-14%	-20%	-12%
1996	Wet	16%	26%	19%	1%	-22%	-22%	-8%	-17%	-20%	-11%	38%	61%
1997	Wet	51%	5%	-21%	-3%	-18%	-16%	-19%	-16%	-21%	17%	114%	126%
1998	Wet	100%	66%	42%	2%	-23%	-29%	-23%	-3%	-35%	-14%	-23%	-6%
1999	Above Normal	11%	10%	3%	-10%	-13%	-19%	-7%	-20%	-24%	9%	67%	72%
2000	Above Normal	60%	51%	43%	11%	-11%	-22%	-17%	-34%	-34%	-6%	51%	71%
2001	Dry	55%	38%	30%	19%	18%	2%	0%	-24%	-10%	41%	55%	40%
2002	Dry	38%	35%	25%	17%	12%	12%	-4%	-16%	-9%	10%	14%	13%
2003	Below Normal	13%	10%	8%	6%	0%	4%	6%	3%	-15%	12%	23%	26%

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	374	392	451	518	610	579	460	634	961	898	691	576
1923	Above Normal	517	523	579	624	599	597	546	618	573	479	356	339
1924	Critical	360	384	393	399	377	366	390	363	208	100	100	100
1925	Below Normal	100	100	100	100	100	100	100	142	145	100	100	100
1926	Dry	100	100	100	100	100	100	172	288	230	100	100	100
1927	Above Normal	100	100	100	106	217	229	136	225	325	225	100	100
1928	Below Normal	100	121	155	179	182	231	243	310	235	100	100	100
1929	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1930	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1931	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1932	Above Normal	100	100	100	100	209	210	100	135	257	214	100	100
1933	Dry	100	100	100	100	100	100	100	100	100	100	100	100
1934	Critical	100	100	100	100	100	101	188	167	100	100	100	100
1935	Above Normal	100	100	100	100	100	100	100	176	303	169	100	100
1936	Above Normal	100	100	100	106	259	320	279	420	393	239	100	100
1937	Wet	100	100	100	116	311	441	410	644	744	599	411	354
1938	Wet	366	390	576	670	833	989	1,051	1,134	1,331	1,331	1,306	1,141
1939	Dry	1,073	1,065	1,059	1,074	1,010	1,042	1,086	991	789	560	385	349
1940	Above Normal	347	338	334	441	524	578	505	638	647	459	281	236
1941	Wet	238	257	338	447	590	664	641	750	903	885	712	582
1942	Wet	536	542	603	701	718	729	696	757	931	870	675	569
1943	Wet	518	548	566	677	738	894	862	988	902	712	505	428
1944	Below Normal	410	427	434	447	444	430	330	339	289	170	100	100
1945	Above Normal	100	100	122	153	336	354	245	320	384	325	193	161
1946	Above Normal	207	287	404	476	484	485	429	520	445	256	100	100
1947	Dry	100	123	201	238	251	275	265	330	227	100	100	100
1948	Below Normal	100	100	100	100	100	100	100	100	100	100	100	100
1949	Below Normal	100	100	100	100	100	100	100	117	139	100	100	100
1950	Below Normal	100	100	100	100	100	100	117	192	187	100	100	100
1951	Above Normal	100	165	452	643	730	718	577	505	399	227	100	100
1952	Wet	100	100	100	220	270	306	298	573	786	781	664	571
1953	Below Normal	515	506	525	599	571	557	486	386	284	193	100	100
1954	Below Normal	100	100	100	100	100	100	108	234	208	100	100	100
1955	Dry	100	100	100	100	100	100	100	100	111	100	100	100
1956	Wet	100	100	272	523	707	791	746	771	876	817	667	574
1957	Below Normal	536	542	536	541	514	487	371	324	343	207	100	100
1958	Wet	100	100	100	113	171	217	210	432	594	579	457	416
1959	Dry	425	438	450	493	543	602	623	557	396	175	100	100
1960	Critical	100	100	100	100	100	100	100	102	100	100	100	100
1961	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1962	Below Normal	100	100	100	100	167	132	100	170	250	178	100	100
1963	Above Normal	100	100	100	100	278	287	159	171	247	193	100	100
1964	Dry	100	122	159	180	162	160	148	146	102	100	100	100
1965	Wet	100	100	100	297	397	366	223	215	213	143	100	100
1966	Below Normal	100	150	219	272	277	312	360	413	300	116	100	100
1967	Wet	100	100	197	264	335	361	329	422	764	1,020	942	828
1968	Dry	750	733	737	755	730	747	715	635	459	240	100	100
1969	Wet	100	100	100	293	496	611	696	1,133	1,331	1,331	1,316	1,148
1970	Above Normal	1,075	1,064	1,076	1,201	1,174	1,214	1,099	1,049	933	707	505	428
1971	Below Normal	396	406	463	513	523	489	399	349	289	158	100	100
1972	Dry	100	100	100	123	126	177	146	151	110	100	100	100
1973	Above Normal	100	100	100	100	166	156	100	255	377	228	100	100
1974	Wet	100	140	226	356	381	471	412	548	650	517	377	339
1975	Wet	356	387	415	443	473	500	343	423	628	515	363	337
1976	Critical	379	423	444	453	444	459	446	383	220	100	100	100
1977	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1978	Wet	100	100	100	153	338	454	443	597	940	1,065	969	943
1979	Above Normal	865	854	854	925	920	993	931	1,049	988	746	517	431
1980	Wet	424	453	470	702	923	1,041	1,002	1,035	1,147	1,223	1,076	914
1981	Dry	828	815	807	809	745	741	684	656	497	252	100	100
1982	Wet	100	100	120	218	324	395	608	829	980	987	903	856
1983	Wet	935	1,053	1,220	1,328	1,326	1,331	1,122	988	1,331	1,331	1,331	1,331
1984	Above Normal	1,296	1,331	1,323	1,331	1,331	1,331	1,286	1,300	1,205	1,003	809	683
1985	Dry	618	640	649	652	591	571	569	560	409	199	100	100
1986	Wet	100	100	100	162	438	727	780	942	1,064	947	741	623
1987	Critical	571	568	555	551	496	507	538	512	355	161	100	100
1988	Critical	100	100	100	100	100	100	105	118	100	100	100	100
1989	Critical	100	100	100	100	100	100	100	132	100	100	100	100
1990	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1991	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1992	Critical	100	100	100	100	100	100	109	155	100	100	100	100
1993	Wet	100	100	100	118	216	276	196	355	492	500	379	340
1994	Critical	357	374	390	412	415	435	451	434	316	131	100	100
1995	Wet	100	100	100	257	338	526	552	682	1,055	1,331	1,331	1,259
1996	Wet	1,159	1,129	1,137	1,178	1,262	1,331	1,327	1,331	1,331	1,211	987	823
1997	Wet	746	812	987	1,267	1,331	1,331	1,331	1,331	1,289	1,059	819	675
1998	Wet	589	595	600	663	796	866	888	845	1,200	1,331	1,331	1,216
1999	Above Normal	1,146	1,142	1,157	1,200	1,198	1,191	1,116	1,134	1,102	871	663	568
2000	Above Normal	508	496	484	523	537	585	570	690	693	499	346	327
2001	Dry	344	370	382	398	396	424	404	476	350	142	100	100
2002	Dry	100	100	100	100	100	100	146	196	164	100	100	100
2003	Below Normal	100	100	100	100	116	102	100	110	186	100	100	100

Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	374	392	451	518	610	579	460	634	961	898	691	576
1923	Above Normal	517	523	579	624	599	597	546	618	573	479	356	339
1924	Critical	360	384	393	399	377	366	390	363	208	100	100	100
1925	Below Normal	100	100	100	100	100	100	100	142	145	100	100	100
1926	Dry	100	100	100	100	100	100	172	288	230	100	100	100
1927	Above Normal	100	100	100	106	217	229	136	225	325	225	100	100
1928	Below Normal	100	121	155	179	182	231	243	310	235	100	100	100
1929	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1930	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1931	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1932	Above Normal	100	100	100	100	209	210	100	135	257	214	100	100
1933	Dry	100	100	100	100	100	100	100	100	100	100	100	100
1934	Critical	100	100	100	100	100	101	188	167	100	100	100	100
1935	Above Normal	100	100	100	100	100	100	100	176	303	169	100	100
1936	Above Normal	100	100	100	106	259	320	279	420	393	239	100	100
1937	Wet	100	100	100	116	311	441	410	644	744	599	411	354
1938	Wet	366	390	576	670	833	989	1,051	1,134	1,331	1,331	1,306	1,141
1939	Dry	1,073	1,065	1,059	1,074	1,010	1,042	1,086	991	789	560	385	349
1940	Above Normal	347	338	334	441	524	578	505	638	647	459	281	236
1941	Wet	238	257	338	447	590	664	641	750	903	885	712	582
1942	Wet	536	542	603	701	718	729	696	757	931	870	675	569
1943	Wet	518	548	566	677	738	894	862	988	902	712	505	428
1944	Below Normal	410	427	434	447	444	430	330	339	289	170	100	100
1945	Above Normal	100	100	122	153	336	354	245	320	384	325	193	161
1946	Above Normal	207	287	404	476	484	485	429	520	445	256	100	100
1947	Dry	100	123	201	238	251	275	265	330	227	100	100	100
1948	Below Normal	100	100	100	100	100	100	100	100	100	100	100	100
1949	Below Normal	100	100	100	100	100	100	100	117	139	100	100	100
1950	Below Normal	100	100	100	100	100	100	117	192	187	100	100	100
1951	Above Normal	100	165	452	643	730	718	577	505	399	227	100	100
1952	Wet	100	100	100	220	270	306	298	573	786	781	664	571
1953	Below Normal	515	506	525	599	571	557	486	386	284	193	100	100
1954	Below Normal	100	100	100	100	100	100	108	234	208	100	100	100
1955	Dry	100	100	100	100	100	100	100	100	111	100	100	100
1956	Wet	100	100	272	523	707	791	746	771	876	817	667	574
1957	Below Normal	536	542	536	541	514	487	371	324	343	207	100	100
1958	Wet	100	100	100	113	171	217	210	432	594	579	457	416
1959	Dry	425	438	450	493	543	602	623	557	396	175	100	100
1960	Critical	100	100	100	100	100	100	100	102	100	100	100	100
1961	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1962	Below Normal	100	100	100	100	167	132	100	170	250	178	100	100
1963	Above Normal	100	100	100	100	278	287	159	171	247	193	100	100
1964	Dry	100	122	159	180	162	160	148	146	102	100	100	100
1965	Wet	100	100	100	297	397	366	223	215	213	143	100	100
1966	Below Normal	100	150	219	272	277	312	360	413	300	116	100	100
1967	Wet	100	100	197	264	335	361	329	422	764	1,020	942	828
1968	Dry	750	733	737	755	730	747	715	635	459	240	100	100
1969	Wet	100	100	100	293	496	611	696	1,133	1,331	1,331	1,316	1,148
1970	Above Normal	1,075	1,064	1,076	1,201	1,174	1,214	1,099	1,049	933	707	505	428
1971	Below Normal	396	406	463	513	523	489	399	349	289	158	100	100
1972	Dry	100	100	100	123	126	177	146	151	110	100	100	100
1973	Above Normal	100	100	100	100	166	156	100	255	377	228	100	100
1974	Wet	100	140	226	356	381	471	412	548	650	517	377	339
1975	Wet	356	387	415	443	473	500	343	423	628	515	363	337
1976	Critical	379	423	444	453	444	459	446	383	220	100	100	100
1977	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1978	Wet	100	100	100	153	338	454	443	597	940	1,065	969	943
1979	Above Normal	865	854	854	925	920	993	931	1,049	988	746	517	431
1980	Wet	424	453	470	702	923	1,041	1,002	1,035	1,147	1,223	1,076	914
1981	Dry	828	815	807	809	745	741	684	656	497	252	100	100
1982	Wet	100	100	120	218	324	395	608	829	980	987	903	856
1983	Wet	935	1,053	1,220	1,328	1,326	1,331	1,122	988	1,331	1,331	1,331	1,331
1984	Above Normal	1,296	1,331	1,323	1,331	1,331	1,331	1,286	1,300	1,205	1,003	809	683
1985	Dry	618	640	649	652	591	571	569	560	409	199	100	100
1986	Wet	100	100	100	162	438	727	780	942	1,064	947	741	623
1987	Critical	571	568	555	551	496	507	538	512	355	161	100	100
1988	Critical	100	100	100	100	100	100	105	118	100	100	100	100
1989	Critical	100	100	100	100	100	100	100	132	100	100	100	100
1990	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1991	Critical	100	100	100	100	100	100	100	100	100	100	100	100
1992	Critical	100	100	100	100	100	100	109	155	100	100	100	100
1993	Wet	100	100	100	118	216	276	196	355	492	500	379	340
1994	Critical	357	374	390	412	415	435	451	434	316	131	100	100
1995	Wet	100	100	100	257	338	526	552	682	1,055	1,331	1,331	1,259
1996	Wet	1,159	1,129	1,137	1,178	1,262	1,331	1,327	1,331	1,331	1,211	987	823
1997	Wet	746	812	987	1,267	1,331	1,331	1,331	1,331	1,289	1,059	819	675
1998	Wet	589	595	600	663	796	866	888	845	1,200	1,331	1,331	1,216
1999	Above Normal	1,146	1,142	1,157	1,200	1,198	1,191	1,116	1,134	1,102	871	663	568
2000	Above Normal	508	496	484	523	537	585	570	690	693	499	346	327
2001	Dry	344	370	382	398	396	424	404	476	350	142	100	100
2002	Dry	100	100	100	100	100	100	146	196	164	100	100	100
2003	Below Normal	100	100	100	100	116	102	100	110	186	100	100	100

Percent Change in Simulated End-of-Month Temperance Flat Reservoir Storage (Node S17)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1937	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1938	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1939	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1941	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1942	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1943	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1945	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1946	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1952	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1959	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1966	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1967	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1970	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1974	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1979	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1980	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1982	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1983	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1984	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1986	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1996	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1997	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-	-	-	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,246	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,513
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,099	2,247	2,199	2,109	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,672	1,960	2,018	1,937	1,887
1968	Dry	1,830	1,839	1,851	1,869	1,926	1,971	1,860	1,759	1,698	1,613	1,530	1,482
1969	Wet	1,449	1,472	1,479	1,775	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	1,651	1,657	1,683	1,705	1,812	1,804	1,761	1,942	2,142	2,086	1,994	1,935
1923	Above Normal	1,884	1,897	1,963	1,970	1,970	1,896	1,891	1,979	1,964	1,904	1,807	1,767
1924	Critical	1,729	1,722	1,734	1,745	1,746	1,700	1,616	1,523	1,461	1,414	1,362	1,348
1925	Below Normal	1,321	1,325	1,339	1,347	1,480	1,554	1,540	1,650	1,688	1,639	1,548	1,505
1926	Dry	1,451	1,441	1,443	1,441	1,501	1,511	1,531	1,464	1,400	1,324	1,250	1,213
1927	Above Normal	1,179	1,192	1,241	1,280	1,414	1,481	1,513	1,578	1,616	1,545	1,460	1,427
1928	Below Normal	1,408	1,439	1,460	1,470	1,511	1,675	1,622	1,647	1,589	1,499	1,409	1,371
1929	Critical	1,327	1,331	1,336	1,338	1,348	1,332	1,281	1,222	1,193	1,132	1,069	1,039
1930	Critical	1,000	989	988	1,003	1,030	1,080	1,049	989	998	935	868	833
1931	Critical	809	823	823	830	836	821	742	645	597	547	490	464
1932	Above Normal	417	421	469	494	597	626	615	763	903	882	820	783
1933	Dry	748	738	745	750	754	746	698	666	693	632	566	530
1934	Critical	508	508	524	542	571	595	514	408	361	307	248	224
1935	Above Normal	181	179	183	209	226	272	404	600	718	672	604	565
1936	Above Normal	549	555	566	634	811	886	981	1,150	1,221	1,171	1,100	1,065
1937	Wet	1,035	1,029	1,042	1,059	1,155	1,258	1,237	1,379	1,426	1,364	1,292	1,251
1938	Wet	1,208	1,215	1,299	1,372	1,555	1,686	1,785	2,056	2,267	2,229	2,130	2,000
1939	Dry	1,962	1,947	1,951	1,958	1,964	1,984	1,871	1,736	1,660	1,579	1,497	1,468
1940	Above Normal	1,418	1,398	1,400	1,496	1,627	1,712	1,770	1,888	1,865	1,769	1,679	1,626
1941	Wet	1,576	1,568	1,603	1,652	1,734	1,761	1,763	1,913	1,967	1,911	1,823	1,767
1942	Wet	1,722	1,716	1,760	1,846	1,921	1,892	1,933	2,068	2,202	2,164	2,064	2,000
1943	Wet	1,949	1,967	1,970	1,970	1,970	2,030	2,107	2,145	2,149	2,073	1,980	1,919
1944	Below Normal	1,864	1,852	1,850	1,846	1,853	1,875	1,766	1,694	1,674	1,595	1,506	1,464
1945	Above Normal	1,440	1,471	1,493	1,526	1,651	1,652	1,607	1,683	1,737	1,675	1,583	1,537
1946	Above Normal	1,515	1,541	1,623	1,683	1,734	1,703	1,711	1,798	1,762	1,674	1,587	1,542
1947	Dry	1,503	1,516	1,533	1,545	1,560	1,554	1,497	1,437	1,403	1,345	1,285	1,260
1948	Below Normal	1,253	1,253	1,256	1,258	1,229	1,239	1,237	1,273	1,391	1,342	1,276	1,243
1949	Below Normal	1,220	1,216	1,226	1,230	1,234	1,257	1,220	1,253	1,255	1,196	1,133	1,098
1950	Below Normal	1,050	1,029	1,033	1,077	1,137	1,187	1,187	1,295	1,377	1,325	1,260	1,239
1951	Above Normal	1,223	1,497	1,885	1,970	1,970	1,978	1,957	1,949	1,887	1,795	1,704	1,650
1952	Wet	1,607	1,619	1,670	1,807	1,893	1,924	1,957	2,252	2,420	2,300	2,130	2,000
1953	Below Normal	1,931	1,932	1,949	1,970	1,970	1,904	1,830	1,761	1,820	1,775	1,692	1,646
1954	Below Normal	1,598	1,599	1,609	1,621	1,629	1,676	1,626	1,673	1,636	1,560	1,481	1,439
1955	Dry	1,385	1,392	1,407	1,433	1,438	1,442	1,414	1,367	1,369	1,303	1,232	1,190
1956	Wet	1,150	1,160	1,404	1,664	1,780	1,770	1,772	1,923	2,029	1,984	1,896	1,859
1957	Below Normal	1,807	1,803	1,815	1,830	1,866	1,824	1,708	1,712	1,729	1,643	1,562	1,512
1958	Wet	1,459	1,457	1,461	1,506	1,581	1,656	1,794	2,102	2,250	2,202	2,112	2,000
1959	Dry	1,941	1,938	1,948	1,970	1,970	1,987	1,862	1,709	1,641	1,563	1,484	1,479
1960	Critical	1,432	1,420	1,422	1,424	1,462	1,476	1,437	1,369	1,335	1,272	1,211	1,168
1961	Critical	1,108	1,124	1,141	1,144	1,151	1,148	1,096	1,030	979	923	867	836
1962	Below Normal	787	791	796	797	873	903	908	937	1,001	959	889	846
1963	Above Normal	816	819	838	885	996	1,029	1,056	1,240	1,346	1,307	1,238	1,212
1964	Dry	1,199	1,226	1,243	1,274	1,287	1,273	1,213	1,154	1,142	1,080	1,017	973
1965	Wet	950	969	1,182	1,381	1,481	1,455	1,505	1,574	1,642	1,602	1,534	1,490
1966	Below Normal	1,433	1,464	1,495	1,529	1,558	1,580	1,502	1,471	1,406	1,334	1,264	1,222
1967	Wet	1,171	1,181	1,260	1,359	1,374	1,404	1,468	1,675	1,963	2,021	1,940	1,890
1968	Dry	1,834	1,843	1,854	1,873	1,930	1,974	1,863	1,763	1,701	1,616	1,532	1,485
1969	Wet	1,452	1,474	1,481	1,778	1,970	2,026	2,148	2,410	2,420	2,300	2,130	2,000
1970	Above Normal	1,960	1,967	1,970	1,970	1,970	1,986	1,914	1,903	1,900	1,803	1,706	1,667
1971	Below Normal	1,624	1,650	1,713	1,767	1,808	1,769	1,704	1,689	1,722	1,655	1,566	1,522
1972	Dry	1,473	1,487	1,531	1,564	1,574	1,581	1,470	1,461	1,422	1,357	1,289	1,258
1973	Above Normal	1,228	1,237	1,266	1,374	1,514	1,628	1,592	1,704	1,716	1,629	1,539	1,497
1974	Wet	1,481	1,528	1,603	1,712	1,787	1,850	1,929	2,058	2,092	2,027	1,932	1,878
1975	Wet	1,847	1,856	1,876	1,900	1,961	1,998	1,957	1,966	2,097	2,031	1,952	1,902
1976	Critical	1,878	1,890	1,908	1,914	1,922	1,876	1,754	1,628	1,548	1,485	1,431	1,394
1977	Critical	1,359	1,361	1,359	1,347	1,320	1,261	1,180	1,111	1,084	1,027	970	946
1978	Wet	888	874	889	960	1,040	1,180	1,239	1,342	1,455	1,441	1,367	1,363
1979	Above Normal	1,308	1,320	1,338	1,401	1,514	1,636	1,602	1,707	1,645	1,552	1,463	1,420
1980	Wet	1,396	1,410	1,420	1,720	1,968	1,977	1,975	2,015	2,079	2,063	1,968	1,913
1981	Dry	1,870	1,855	1,867	1,903	1,903	1,943	1,852	1,726	1,634	1,546	1,469	1,445
1982	Wet	1,419	1,475	1,604	1,806	1,970	2,030	2,220	2,347	2,413	2,300	2,130	2,000
1983	Wet	1,970	1,970	1,970	1,970	1,970	2,030	2,062	2,207	2,420	2,300	2,130	2,000
1984	Above Normal	1,970	1,970	1,970	1,970	1,970	1,978	1,901	1,901	1,877	1,809	1,739	1,709
1985	Dry	1,695	1,732	1,769	1,781	1,815	1,847	1,776	1,683	1,609	1,525	1,449	1,418
1986	Wet	1,392	1,401	1,415	1,490	1,963	2,030	2,037	2,059	2,083	1,991	1,905	1,873
1987	Critical	1,837	1,832	1,841	1,829	1,827	1,850	1,731	1,577	1,496	1,439	1,386	1,362
1988	Critical	1,316	1,301	1,293	1,294	1,291	1,271	1,205	1,121	1,084	1,049	1,014	982
1989	Critical	928	913	906	898	895	967	923	867	850	801	754	758
1990	Critical	762	769	789	795	802	795	723	647	597	541	500	476
1991	Critical	452	437	449	440	420	456	425	382	345	285	230	215
1992	Critical	197	187	203	208	250	286	247	145	91	80	80	80
1993	Wet	80	80	80	219	314	464	517	645	750	722	664	635
1994	Critical	629	652	686	709	726	691	632	577	519	449	387	352
1995	Wet	320	325	354	539	610	925	1,024	1,262	1,536	1,660	1,614	1,598
1996	Wet	1,575	1,573	1,608	1,683	1,871	1,984	1,990	2,114	2,121	2,040	1,965	1,926
1997	Wet	1,921	1,956	1,970	2,116	1,970	1,979	1,912	1,911	1,859	1,780	1,704	1,681
1998	Wet	1,647	1,660	1,685	1,796	1,970	2,030	2,042	2,124	2,354	2,300	2,130	2,000
1999	Above Normal	1,970	1,970	1,970	1,970	1,970	1,993	1,965	1,969	1,957	1,884	1,817	1,787
2000	Above Normal	1,762	1,759	1,773	1,828	1,938	1,952	1,926	1,916	1,881	1,794	1,721	1,694
2001	Dry	1,694	1,708	1,738	1,747	1,776	1,809	1,731	1,635	1,556	1,470	1,386	1,337
2002	Dry	1,283	1,285	1,321	1,362	1,362	1,406	1,384	1,327	1,263	1,197	1,132	1,106
2003	Below Normal	1,076	1,091	1,141	1,187	1,192	1,218	1,205	1,207	1,230	1,173	1,114	1,084

Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	6	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	3	3	3	3	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	3	3	3	3	3
1968	Dry	3	3	3	3	3	3	3	3	3	3	3	3
1969	Wet	3	3	3	3	0	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month New Melones Reservoir Storage (Node S10)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,341	1,531	1,254	814	697	536	488	676
1923	Below Normal	780	954	1,211	1,317	1,405	1,410	1,189	791	473	447	466	710
1924	Critical	856	1,018	1,205	1,481	1,575	1,483	1,353	1,160	829	774	526	482
1925	Dry	651	821	1,221	1,570	1,753	1,894	1,688	1,279	864	773	522	677
1926	Dry	738	891	1,088	1,373	1,419	1,293	1,169	861	596	609	409	504
1927	Wet	528	1,002	1,311	1,524	1,779	1,836	1,516	1,046	677	624	647	837
1928	Above Normal	849	833	1,285	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	583	533	831	1,049	1,214	1,361	1,307	1,079	750	485	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	825	854	706	910
1931	Critical	972	1,100	1,268	1,599	1,811	1,778	1,614	1,378	1,016	791	506	429
1932	Dry	490	628	1,270	1,633	2,011	2,013	1,855	1,586	1,314	1,076	1,091	1,197
1933	Critical	1,290	1,407	1,678	2,018	2,039	2,039	1,921	1,685	1,296	1,049	976	960
1934	Critical	986	1,092	1,344	1,687	1,897	1,875	1,694	1,459	1,064	649	525	550
1935	Below Normal	550	739	1,116	1,482	1,708	1,825	1,581	1,161	833	768	686	877
1936	Below Normal	1,036	1,192	1,453	1,579	1,961	2,039	1,788	1,359	998	932	847	1,036
1937	Below Normal	1,183	1,267	1,660	1,935	2,039	2,039	1,811	1,462	1,162	1,000	839	783
1938	Wet	798	1,128	1,411	1,725	1,941	2,039	1,853	1,858	1,714	1,452	1,214	1,252
1939	Dry	1,194	877	1,196	1,329	1,385	1,334	1,084	719	255	211	100	149
1940	Above Normal	198	334	430	665	936	1,303	1,085	665	337	194	183	361
1941	Wet	385	384	709	1,046	1,514	1,862	1,548	1,156	836	651	568	681
1942	Wet	617	627	850	1,079	1,263	1,406	1,139	736	496	323	320	489
1943	Wet	534	626	887	1,192	1,417	1,814	1,490	1,020	582	335	211	316
1944	Dry	245	330	635	854	1,058	1,145	977	673	365	436	330	302
1945	Below Normal	379	882	1,222	1,554	1,900	2,039	1,709	1,203	687	571	548	723
1946	Below Normal	904	1,272	1,609	1,771	1,830	1,836	1,524	1,077	619	555	572	775
1947	Dry	968	1,223	1,554	1,781	1,928	1,857	1,510	1,033	530	492	206	383
1948	Below Normal	476	652	730	802	684	815	634	368	238	228	295	525
1949	Dry	653	822	1,158	1,457	1,702	1,730	1,401	940	400	274	100	293
1950	Below Normal	243	417	619	766	907	1,137	901	543	354	322	344	571
1951	Above Normal	828	1,268	1,856	2,039	2,039	2,039	1,732	1,247	828	608	576	764
1952	Wet	785	988	1,203	1,440	1,539	1,861	1,639	1,304	1,154	839	640	731
1953	Wet	648	539	904	913	986	1,159	942	582	269	250	324	567
1954	Above Normal	518	585	941	1,086	1,141	1,307	1,054	653	305	123	178	410
1955	Dry	438	676	1,205	1,538	1,764	1,824	1,605	1,248	694	725	502	504
1956	Wet	514	790	1,290	1,857	2,039	2,039	1,694	1,166	838	634	566	693
1957	Above Normal	664	687	1,073	1,219	1,143	1,196	962	580	207	126	185	366
1958	Wet	713	913	1,176	1,396	1,552	1,846	1,603	1,161	932	580	348	414
1959	Below Normal	388	379	684	718	781	959	772	441	208	200	271	470
1960	Dry	534	643	810	1,120	1,266	1,368	1,067	707	265	194	100	281
1961	Dry	222	437	926	1,230	1,324	1,531	1,275	899	287	234	100	184
1962	Below Normal	205	343	456	728	949	1,180	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,532	1,619	1,346	926	586	575	633	869
1964	Dry	921	1,206	1,584	1,809	1,765	1,721	1,424	1,014	433	452	178	354
1965	Wet	355	478	741	1,121	1,308	1,484	1,248	767	403	259	284	471
1966	Below Normal	413	721	1,213	1,363	1,436	1,464	1,209	807	341	309	359	603
1967	Wet	698	920	1,253	1,581	1,680	1,777	1,513	1,108	971	768	533	593
1968	Below Normal	589	384	723	896	855	1,019	823	489	225	206	272	466
1969	Wet	544	805	1,339	1,654	2,039	2,039	2,039	2,039	1,924	1,756	1,499	1,502
1970	Wet	1,522	1,216	1,371	1,801	1,972	2,039	1,696	1,216	704	592	599	681
1971	Wet	690	866	1,087	1,158	1,168	1,295	1,077	707	396	415	512	745
1972	Below Normal	810	765	1,292	1,529	1,454	1,400	1,155	760	299	275	346	582
1973	Above Normal	722	1,166	1,446	1,683	1,834	1,945	1,637	1,153	785	700	690	791
1974	Wet	877	1,258	1,527	1,741	1,810	1,914	1,520	991	636	439	432	590
1975	Wet	708	711	1,133	1,227	1,264	1,459	1,120	630	348	262	321	512
1976	Critical	705	658	1,097	1,285	1,425	1,552	1,382	1,073	571	464	263	339
1977	Critical	306	382	483	692	865	797	687	599	423	266	337	281
1978	Above Normal	285	316	452	752	1,203	1,471	1,312	1,050	888	726	615	771
1979	Below Normal	790	771	1,192	1,438	1,715	1,897	1,570	1,147	760	706	724	850
1980	Above Normal	1,033	1,154	1,596	1,934	2,039	2,039	1,744	1,263	918	681	502	519
1981	Dry	469	379	713	911	1,038	1,087	898	547	253	206	104	199
1982	Wet	318	748	1,007	1,255	1,679	1,991	2,024	1,673	1,385	1,051	821	891
1983	Wet	1,161	1,488	1,886	2,039	2,039	2,039	2,039	2,039	2,038	1,887	1,708	1,820
1984	Wet	1,978	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,880	2,039	1,795	1,371	1,105	904	748	624
1987	Dry	527	361	663	888	1,061	1,185	1,031	869	634	460	212	245
1988	Critical	338	490	811	1,039	1,026	1,034	971	826	536	624	607	550
1989	Dry	542	838	1,120	1,468	1,513	1,504	1,241	825	442	367	143	308
1990	Critical	361	414	653	892	993	943	788	601	247	453	328	259
1991	Critical	270	383	530	620	724	742	681	531	384	526	376	320
1992	Critical	395	485	666	779	897	1,049	915	710	486	278	203	123
1993	Above Normal	102	212	562	890	1,098	1,224	896	449	277	174	237	436
1994	Critical	519	533	980	1,202	1,371	1,392	1,135	763	190	107	100	100
1995	Wet	100	239	391	652	823	1,321	1,056	1,097	953	799	627	727
1996	Wet	520	379	510	612	1,056	1,432	1,110	708	359	251	318	513
1997	Wet	411	504	1,000	1,473	1,850	2,039	1,635	1,080	611	344	277	423
1998	Wet	350	216	620	735	1,110	1,439	1,239	925	871	774	653	802
1999	Wet	1,085	1,399	1,551	1,665	1,790	1,935	1,634	1,167	798	745	768	687
2000	Above Normal	613	646	1,050	1,110	1,350	1,639	1,337	893	539	333	354	569
2001	Dry	561	615	1,071	1,342	1,502	1,643	1,469	1,156	796	734	400	437
2002	Dry	459	706	1,076	1,313	1,539	1,618	1,278	822	344	333	136	262
2003	Above Normal	279	461	633	809	1,032	1,192	929	545	336	271	314	497

Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	585	680	1,081	1,326	1,339	1,529	1,252	812	675	514	487	675
1923	Below Normal	779	953	1,211	1,311	1,394	1,401	1,181	784	468	443	463	708
1924	Critical	854	1,016	1,204	1,482	1,576	1,485	1,355	1,161	830	775	527	483
1925	Dry	652	822	1,221	1,570	1,753	1,895	1,689	1,280	864	772	521	676
1926	Dry	737	891	1,087	1,372	1,417	1,292	1,168	861	596	610	409	503
1927	Wet	528	1,002	1,311	1,524	1,779	1,837	1,516	1,047	677	624	647	836
1928	Above Normal	849	833	1,284	1,506	1,502	1,739	1,417	937	533	443	439	569
1929	Critical	582	532	831	1,049	1,214	1,361	1,307	1,078	749	484	441	457
1930	Dry	521	630	917	1,164	1,363	1,500	1,383	1,148	826	854	706	911
1931	Critical	973	1,100	1,268	1,600	1,811	1,778	1,615	1,378	1,017	791	506	430
1932	Dry	490	628	1,270	1,633	2,011	2,007	1,850	1,580	1,308	1,071	1,087	1,192
1933	Critical	1,285	1,402	1,673	2,013	2,039	2,039	1,921	1,685	1,296	1,048	975	959
1934	Critical	985	1,091	1,490	1,833	2,037	1,990	1,817	1,547	1,140	707	512	538
1935	Below Normal	537	717	1,082	1,448	1,674	1,792	1,555	1,140	811	740	656	848
1936	Below Normal	1,001	1,162	1,436	1,571	1,962	2,039	1,788	1,359	998	932	847	1,037
1937	Below Normal	1,184	1,267	1,661	1,936	2,039	2,039	1,795	1,432	1,086	924	763	708
1938	Wet	718	1,048	1,331	1,646	1,863	2,039	1,800	1,485	1,335	1,069	830	868
1939	Dry	815	495	817	941	1,004	976	799	485	175	171	100	145
1940	Above Normal	205	344	441	683	960	1,325	1,105	681	347	197	181	365
1941	Wet	388	397	720	1,056	1,510	1,845	1,534	1,090	774	593	540	655
1942	Wet	596	628	853	1,082	1,255	1,399	1,133	730	493	322	319	489
1943	Wet	534	626	887	1,171	1,384	1,774	1,453	986	552	320	201	305
1944	Dry	236	331	624	849	1,059	1,147	979	674	365	429	326	298
1945	Below Normal	375	878	1,218	1,549	1,835	2,025	1,696	1,191	679	567	547	723
1946	Below Normal	904	1,272	1,606	1,760	1,819	1,826	1,517	1,071	613	546	563	774
1947	Dry	965	1,222	1,555	1,785	1,927	1,863	1,515	1,036	532	492	207	382
1948	Below Normal	469	644	722	797	684	816	635	368	238	227	294	524
1949	Dry	652	820	1,154	1,453	1,698	1,726	1,399	939	399	273	100	293
1950	Below Normal	243	417	619	766	908	1,138	902	543	355	322	344	571
1951	Above Normal	829	1,269	1,817	2,039	2,039	2,039	1,732	1,246	827	607	575	765
1952	Wet	786	989	1,204	1,436	1,534	1,788	1,520	1,225	1,107	855	719	857
1953	Wet	816	858	1,263	1,208	1,226	1,317	1,095	724	312	305	388	638
1954	Above Normal	593	659	1,034	1,172	1,186	1,339	1,086	684	323	133	190	425
1955	Dry	451	694	1,224	1,558	1,783	1,841	1,618	1,255	695	719	489	501
1956	Wet	491	763	1,196	1,785	2,039	2,039	1,694	1,165	836	631	562	689
1957	Above Normal	659	682	1,067	1,213	1,137	1,193	960	578	207	126	185	366
1958	Wet	711	912	1,174	1,394	1,550	1,845	1,547	1,050	790	456	239	310
1959	Below Normal	289	379	687	725	795	971	783	450	214	201	270	472
1960	Dry	535	643	808	1,118	1,263	1,365	1,064	704	262	191	100	281
1961	Dry	221	436	926	1,230	1,323	1,531	1,274	899	287	234	100	184
1962	Below Normal	205	344	456	728	949	1,181	952	559	259	197	230	424
1963	Wet	772	1,195	1,432	1,489	1,527	1,614	1,342	923	584	574	633	870
1964	Dry	922	1,207	1,585	1,811	1,767	1,723	1,425	1,015	434	452	179	354
1965	Wet	355	478	741	1,110	1,268	1,446	1,212	734	375	237	284	472
1966	Below Normal	415	721	1,213	1,361	1,435	1,463	1,209	806	341	309	359	603
1967	Wet	698	920	1,253	1,582	1,673	1,770	1,462	1,048	903	624	391	458
1968	Below Normal	443	379	705	886	855	1,023	825	491	225	205	269	463
1969	Wet	541	801	1,335	1,599	2,039	2,039	1,874	1,912	1,797	1,649	1,423	1,443
1970	Wet	1,456	1,149	1,304	1,735	1,908	2,039	1,663	1,187	680	573	584	690
1971	Wet	702	880	1,104	1,175	1,185	1,307	1,087	717	406	428	526	759
1972	Below Normal	823	777	1,302	1,534	1,458	1,403	1,158	762	301	277	348	583
1973	Above Normal	723	1,166	1,445	1,683	1,834	1,945	1,636	1,152	762	678	668	791
1974	Wet	877	1,258	1,527	1,712	1,778	1,882	1,492	968	608	421	432	592
1975	Wet	712	713	1,136	1,231	1,270	1,466	1,126	636	352	264	322	513
1976	Critical	706	660	1,099	1,286	1,425	1,553	1,382	1,073	570	463	262	338
1977	Critical	305	380	483	692	865	797	687	599	423	266	335	278
1978	Above Normal	283	315	450	750	1,135	1,381	1,213	929	663	419	350	515
1979	Below Normal	543	701	1,069	1,331	1,621	1,804	1,498	1,104	758	738	793	937
1980	Above Normal	1,122	1,318	1,774	2,039	2,039	2,039	1,801	1,365	1,055	878	763	803
1981	Dry	797	714	1,109	1,273	1,311	1,297	1,091	713	253	199	103	205
1982	Wet	328	760	1,017	1,258	1,661	1,971	2,024	1,636	1,285	951	722	793
1983	Wet	1,007	1,334	1,742	2,039	2,039	2,039	2,039	2,039	2,039	1,888	1,709	1,822
1984	Wet	1,980	2,039	2,039	2,039	2,039	2,039	1,744	1,257	857	731	713	783
1985	Dry	887	1,274	1,671	1,783	1,861	1,859	1,572	1,130	626	579	375	594
1986	Wet	767	1,088	1,354	1,419	1,800	2,039	1,778	1,354	1,064	861	705	581
1987	Dry	483	344	645	871	1,044	1,168	1,014	853	619	451	217	249
1988	Critical	342	495	816	1,044	1,032	1,039	977	831	539	622	604	546
1989	Dry	538	833	1,115	1,463	1,508	1,499	1,238	823	440	365	147	305
1990	Critical	357	408	646	888	990	939	784	596	240	446	257	250
1991	Critical	258	371	518	606	710	728	667	517	371	514	366	310
1992	Critical	384	476	656	766	885	1,037	905	702	482	276	204	124
1993	Above Normal	102	212	565	895	1,102	1,221	892	446	274	173	239	439
1994	Critical	522	535	986	1,208	1,377	1,397	1,140	767	192	107	100	100
1995	Wet	100	239	391	651	800	1,264	983	700	517	345	188	291
1996	Wet	191	379	513	617	1,069	1,379	1,063	670	334	241	318	517
1997	Wet	412	505	994	1,472	1,852	2,039	1,635	1,080	608	336	276	422
1998	Wet	350	216	620	735	1,084	1,413	1,199	880	836	750	639	791
1999	Wet	1,077	1,395	1,549	1,666	1,794	1,939	1,637	1,169	800	746	768	687
2000	Above Normal	613	646	1,050	1,110	1,343	1,631	1,330	887	534	326	346	562
2001	Dry	555	609	1,064	1,337	1,499	1,641	1,466	1,153	793	735	398	436
2002	Dry	457	704	1,073	1,310	1,537	1,616	1,276	821	342	332	136	266
2003	Above Normal	278	461	633	808	1,031	1,192	929	545	335	271	314	497

Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	-1	-2	-2	-2	-22	-21	-1	-1
1923	Below Normal	-1	0	0	-7	-11	-9	-8	-7	-5	-3	-3	-2
1924	Critical	-2	-1	-1	1	2	2	2	1	1	1	1	1
1925	Dry	1	0	0	0	0	1	1	1	0	0	-1	-1
1926	Dry	-1	-1	-1	-1	-1	-1	-1	-1	0	0	1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	1	0	0	1	1	1	1	1	0	0	0
1932	Dry	0	0	0	0	0	-6	-6	-6	-5	-5	-5	-5
1933	Critical	-5	-5	-5	-5	0	0	0	0	0	-1	-1	-1
1934	Critical	-1	-1	146	146	140	115	123	88	76	59	-13	-12
1935	Below Normal	-13	-23	-34	-34	-34	-33	-25	-21	-22	-28	-30	-28
1936	Below Normal	-35	-30	-17	-8	1	0	0	0	0	0	1	1
1937	Below Normal	1	1	1	1	0	0	-17	-30	-76	-76	-75	-75
1938	Wet	-80	-80	-80	-79	-77	0	-53	-374	-378	-383	-384	-384
1939	Dry	-380	-382	-379	-388	-381	-358	-285	-234	-80	-39	0	-4
1940	Above Normal	8	10	11	17	24	22	20	16	10	3	-2	3
1941	Wet	2	13	12	10	-4	-16	-14	-65	-62	-58	-28	-26
1942	Wet	-21	2	3	3	-9	-7	-6	-5	-4	-2	-1	0
1943	Wet	0	-1	0	-21	-33	-39	-37	-34	-30	-15	-11	-11
1944	Dry	-9	1	-12	-5	1	2	2	1	0	-6	-4	-3
1945	Below Normal	-4	-4	-4	-5	-64	-14	-13	-11	-8	-4	-1	0
1946	Below Normal	0	1	-3	-11	-11	-10	-8	-6	-7	-9	-9	-1
1947	Dry	-3	-2	1	4	0	6	5	4	2	0	1	-1
1948	Below Normal	-7	-8	-9	-5	-1	1	1	-1	0	-1	-1	-1
1949	Dry	-1	-2	-4	-4	-4	-4	-2	-1	-1	-1	0	0
1950	Below Normal	0	0	0	1	1	1	1	1	1	0	0	0
1951	Above Normal	0	0	-39	0	0	0	0	0	-1	-1	-1	1
1952	Wet	1	1	1	-4	-5	-74	-119	-80	-47	16	79	125
1953	Wet	168	319	359	295	240	158	153	143	42	55	64	72
1954	Above Normal	75	75	93	86	45	33	33	31	18	10	12	15
1955	Dry	13	18	20	20	19	16	13	8	1	-7	-14	-2
1956	Wet	-24	-27	-94	-72	0	0	-1	-1	-2	-3	-4	-4
1957	Above Normal	-5	-5	-6	-6	-6	-3	-3	-2	0	0	0	-1
1958	Wet	-1	-1	-2	-2	-1	-1	-56	-111	-142	-123	-109	-104
1959	Below Normal	-98	0	3	8	14	12	11	9	6	2	-1	2
1960	Dry	1	0	-1	-2	-3	-3	-3	-3	-3	-2	0	0
1961	Dry	-1	0	0	0	0	0	0	0	0	-1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	-5	-4	-4	-3	-2	-1	0	1
1964	Dry	1	1	1	1	2	1	1	1	1	1	1	1
1965	Wet	0	0	0	-10	-40	-38	-36	-33	-28	-23	0	1
1966	Below Normal	2	0	1	-1	-1	-1	-1	-1	0	0	0	0
1967	Wet	0	0	0	0	-7	-7	-50	-61	-67	-143	-142	-135
1968	Below Normal	-145	-5	-19	-10	1	3	3	2	0	-1	-2	-3
1969	Wet	-3	-4	-4	-55	0	0	-165	-127	-127	-107	-76	-58
1970	Wet	-66	-66	-66	-65	-64	0	-33	-29	-24	-19	-14	9
1971	Wet	12	14	17	17	17	12	10	10	11	13	14	14
1972	Below Normal	13	12	10	5	4	3	2	2	2	2	1	1
1973	Above Normal	1	0	-1	0	0	0	-1	-1	-23	-22	-22	0
1974	Wet	0	0	0	-29	-32	-33	-28	-24	-28	-18	0	2
1975	Wet	4	1	3	4	6	7	6	5	4	2	1	1
1976	Critical	1	2	2	1	1	0	0	0	-1	-1	-1	-1
1977	Critical	-1	-2	0	0	0	0	0	0	0	0	-3	-3
1978	Above Normal	-2	-2	-2	-2	-69	-90	-99	-121	-224	-308	-265	-257
1979	Below Normal	-247	-70	-123	-107	-95	-93	-72	-43	-3	32	69	87
1980	Above Normal	88	164	178	105	0	0	57	101	138	197	261	285
1981	Dry	328	335	396	362	273	211	193	166	0	-6	-1	6
1982	Wet	11	12	10	3	-18	-20	0	-37	-100	-99	-99	-98
1983	Wet	-154	-154	-144	0	0	0	0	0	1	1	1	2
1984	Wet	2	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	-80	0	-16	-17	-42	-42	-43	-43
1987	Dry	-44	-17	-17	-17	-17	-17	-16	-16	-14	-9	4	4
1988	Critical	4	4	5	5	6	6	6	5	3	-2	-3	-4
1989	Dry	-4	-5	-5	-5	-5	-5	-3	-2	-2	-2	4	-3
1990	Critical	-4	-6	-7	-5	-3	-3	-4	-5	-6	-8	-72	-8
1991	Critical	-12	-12	-12	-14	-14	-14	-14	-14	-13	-12	-10	-10
1992	Critical	-11	-9	-9	-12	-12	-12	-10	-7	-4	-2	0	2
1993	Above Normal	0	0	3	5	4	-4	-3	-3	-3	0	2	3
1994	Critical	3	2	6	6	5	5	5	5	1	0	0	0
1995	Wet	0	0	0	-1	-23	-57	-73	-397	-436	-455	-439	-435
1996	Wet	-329	0	3	5	14	-53	-47	-38	-25	-10	0	5
1997	Wet	1	2	-6	-2	3	0	0	0	-3	-8	-1	-1
1998	Wet	-1	-1	-1	-1	-26	-26	-40	-45	-36	-24	-14	-11
1999	Wet	-8	-3	-2	1	4	4	3	3	2	1	0	-1
2000	Above Normal	0	0	0	0	-7	-8	-6	-6	-6	-7	-7	-7
2001	Dry	-7	-6	-7	-5	-3	-3	-3	-3	-3	1	-1	-2
2002	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	0	5
2003	Above Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0

Percent Change in Simulated End-of-Month San Luis Reservoir Storage (Node S11 + S12)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-4%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	11%	9%	7%	6%	7%	6%	7%	9%	-2%	-2%
1935	Below Normal	-2%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	-3%	-4%	-4%	-3%
1936	Below Normal	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	-7%	-8%	-9%	-10%
1938	Wet	-10%	-7%	-6%	-5%	-4%	0%	-3%	-20%	-22%	-26%	-32%	-31%
1939	Dry	-32%	-44%	-32%	-29%	-28%	-27%	-26%	-33%	-31%	-19%	0%	-2%
1940	Above Normal	4%	3%	2%	3%	3%	2%	2%	2%	3%	2%	-1%	1%
1941	Wet	1%	3%	2%	1%	0%	-1%	-1%	-6%	-7%	-9%	-5%	-4%
1942	Wet	-3%	0%	0%	0%	-1%	0%	-1%	-1%	-1%	-1%	0%	0%
1943	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-3%	-5%	-4%	-5%	-3%
1944	Dry	-4%	0%	-2%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	-1%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%	0%	0%
1946	Below Normal	0%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-2%	-2%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-4%	-7%	-6%	-4%	2%	12%	17%
1953	Wet	26%	59%	40%	32%	24%	14%	16%	25%	16%	22%	20%	13%
1954	Above Normal	14%	13%	10%	8%	4%	2%	3%	5%	6%	8%	7%	4%
1955	Dry	3%	3%	2%	1%	1%	1%	1%	1%	0%	-1%	-3%	0%
1956	Wet	-5%	-3%	-7%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%
1957	Above Normal	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-3%	-10%	-15%	-21%	-31%	-25%
1959	Below Normal	-25%	0%	0%	1%	2%	1%	1%	2%	3%	1%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	-3%	-3%	-3%	-4%	-7%	-9%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	-3%	-5%	-7%	-19%	-27%	-23%
1968	Below Normal	-25%	-1%	-3%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1969	Wet	-1%	0%	0%	-3%	0%	0%	-8%	-6%	-7%	-6%	-5%	-4%
1970	Wet	-4%	-5%	-5%	-4%	-3%	0%	-2%	-2%	-3%	-3%	-2%	1%
1971	Wet	2%	2%	2%	1%	1%	1%	1%	1%	3%	3%	3%	2%
1972	Below Normal	2%	2%	1%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	0%
1974	Wet	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-4%	-4%	0%	0%
1975	Wet	1%	0%	0%	0%	1%	0%	1%	1%	1%	1%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1978	Above Normal	-1%	-1%	0%	0%	-6%	-6%	-8%	-12%	-25%	-42%	-43%	-33%
1979	Below Normal	-31%	-9%	-10%	-7%	-6%	-5%	-5%	-4%	0%	5%	10%	10%
1980	Above Normal	9%	14%	11%	5%	0%	0%	3%	8%	15%	29%	52%	55%
1981	Dry	70%	89%	55%	40%	26%	19%	22%	30%	0%	-3%	-1%	3%
1982	Wet	3%	2%	1%	0%	-1%	-1%	0%	-2%	-7%	-9%	-12%	-11%
1983	Wet	-13%	-10%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-4%	0%	-1%	-1%	-4%	-5%	-6%	-7%
1987	Dry	-8%	-5%	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-2%	2%	2%
1988	Critical	1%	1%	1%	0%	1%	1%	1%	1%	1%	0%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	3%	-1%
1990	Critical	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-3%	-2%	-22%	-3%
1991	Critical	-4%	-3%	-2%	-2%	-2%	-2%	-2%	-3%	-3%	-2%	-3%	-3%
1992	Critical	-3%	-2%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	0%	1%
1993	Above Normal	0%	0%	1%	1%	0%	0%	0%	-1%	-1%	0%	1%	1%
1994	Critical	1%	0%	1%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-3%	-4%	-7%	-36%	-46%	-57%	-70%	-60%
1996	Wet	-63%	0%	1%	1%	1%	-4%	-4%	-5%	-7%	-4%	0%	1%
1997	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	-2%	0%	0%
1998	Wet	0%	0%	0%	0%	-2%	-2%	-3%	-5%	-4%	-3%	-2%	-1%
1999	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-1%	0%	0%	-1%	-1%	-2%	-2%	-1%
2001	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Friant-Kern Canal Diversions (Node D18A)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	963	3,099	3,528	4,436	3,653	3,199	1,789	626	161	107	682	1,305
1923	Above Normal	816	1,652	2,074	2,951	3,102	2,719	1,526	541	146	93	93	690
1924	Critical	247	312	437	918	1,141	707	428	318	149	16	16	167
1925	Below Normal	616	1,122	1,556	2,269	2,382	2,155	1,156	422	126	73	73	413
1926	Dry	570	1,037	1,435	2,090	2,195	1,987	1,069	393	121	68	68	382
1927	Above Normal	891	1,744	2,208	4,017	3,289	2,882	1,615	570	151	98	98	731
1928	Below Normal	638	1,163	1,613	2,351	2,468	2,232	1,195	434	128	75	75	427
1929	Critical	368	463	657	1,425	1,780	1,075	630	466	200	16	16	249
1930	Critical	359	452	640	1,386	1,730	1,046	615	454	196	16	16	242
1931	Critical	161	207	284	568	702	419	288	217	114	16	16	193
1932	Above Normal	899	1,811	2,292	3,263	3,429	3,004	1,682	591	155	101	101	789
1933	Dry	580	1,055	1,463	2,134	2,241	2,028	1,090	400	122	69	69	389
1934	Critical	327	412	581	1,248	1,557	946	560	414	182	16	16	220
1935	Above Normal	802	1,624	2,041	2,905	3,053	2,676	1,503	534	145	92	92	471
1936	Above Normal	1,169	1,639	3,262	3,283	3,130	2,743	1,539	545	147	94	94	390
1937	Wet	508	1,356	1,911	4,121	3,070	2,691	1,511	536	146	430	1,263	1,907
1938	Wet	326	782	1,687	4,462	4,487	3,580	2,208	897	278	220	220	1,024
1939	Dry	785	1,925	1,376	2,002	2,103	1,904	1,026	380	119	66	66	353
1940	Above Normal	795	1,567	2,217	3,397	2,873	2,519	1,417	506	140	87	87	573
1941	Wet	1,541	3,075	2,485	4,362	3,777	3,391	2,093	852	266	209	541	1,926
1942	Wet	957	1,886	3,466	4,396	3,621	3,172	1,774	625	160	106	102	2,033
1943	Wet	508	1,464	3,184	3,250	3,203	2,807	1,574	557	149	95	95	712
1944	Below Normal	624	1,137	1,577	2,301	2,416	2,186	1,171	427	127	74	74	390
1945	Above Normal	932	1,855	2,360	3,433	3,548	3,107	1,739	610	158	595	1,218	986
1946	Above Normal	778	1,574	2,201	2,774	2,916	2,557	1,437	512	141	88	88	826
1947	Dry	602	1,096	1,519	2,213	2,323	2,103	1,128	413	124	72	72	389
1948	Below Normal	389	588	838	1,840	2,302	1,376	797	586	241	16	16	316
1949	Below Normal	541	983	1,362	1,985	2,085	1,888	1,017	377	118	66	66	363
1950	Below Normal	601	1,095	1,518	2,212	2,323	2,102	1,128	413	122	1,271	1,271	1,603
1951	Above Normal	631	1,150	1,594	2,325	2,441	2,208	1,183	430	127	74	74	832
1952	Wet	706	1,735	1,742	4,450	3,792	3,405	2,101	856	267	210	508	1,100
1953	Below Normal	680	1,371	1,722	2,448	2,638	2,322	1,274	460	132	79	79	455
1954	Below Normal	576	1,048	1,452	2,116	2,222	2,011	1,081	397	122	69	69	386
1955	Dry	566	1,030	1,428	2,082	2,186	1,979	1,065	392	121	68	68	1,567
1956	Wet	1,725	1,984	2,538	4,236	3,851	3,372	1,883	656	166	112	112	885
1957	Below Normal	677	1,365	1,714	2,437	2,626	2,312	1,269	458	132	79	79	453
1958	Wet	921	1,609	2,435	4,448	3,774	3,389	2,091	852	266	209	209	889
1959	Dry	583	1,128	1,461	2,128	2,235	2,023	1,087	399	122	69	69	375
1960	Critical	345	435	616	1,328	1,658	1,005	592	438	190	16	16	233
1961	Critical	256	325	456	962	1,197	739	445	331	153	16	16	174
1962	Below Normal	848	1,719	2,158	3,073	3,229	2,830	1,587	561	150	96	96	1,478
1963	Above Normal	919	1,865	2,343	3,337	3,507	3,072	1,719	603	157	103	103	779
1964	Dry	520	943	1,305	1,901	1,997	1,809	977	364	116	63	1,207	1,549
1965	Wet	882	1,789	2,247	3,200	3,363	2,946	1,650	581	153	100	567	987
1966	Below Normal	676	1,348	2,446	2,340	2,456	2,222	1,190	433	128	70	119	1,614
1967	Wet	2,338	1,115	1,554	4,204	4,482	3,626	2,520	1,720	551	484	484	1,787
1968	Dry	466	585	832	1,824	2,282	1,365	790	582	240	16	16	313
1969	Wet	636	541	1,223	2,993	4,480	3,423	2,238	1,529	495	430	1,040	1,758
1970	Above Normal	1,127	1,428	1,793	2,549	2,680	2,351	1,325	476	135	82	82	619
1971	Below Normal	643	1,172	1,625	2,372	2,489	2,252	1,206	438	129	76	76	416
1972	Dry	536	973	1,348	1,962	2,061	1,867	1,006	373	118	65	65	359
1973	Above Normal	841	1,637	1,955	4,089	3,037	2,662	1,495	531	145	91	1,291	1,202
1974	Wet	1,616	1,710	3,360	4,251	3,207	2,811	1,576	557	149	96	96	739
1975	Wet	869	1,721	2,176	3,551	3,235	2,835	1,589	561	150	96	96	719
1976	Critical	376	473	671	1,453	1,815	1,095	642	474	202	16	16	253
1977	Critical	169	216	298	601	742	447	301	226	117	16	16	116
1978	Wet	846	1,143	1,880	4,325	4,486	3,716	2,427	1,657	533	467	1,039	2,020
1979	Above Normal	1,489	1,631	2,933	3,604	3,024	2,651	1,489	529	144	91	80	377
1980	Wet	895	1,125	3,308	4,460	4,146	3,559	2,195	892	277	219	219	934
1981	Dry	653	1,315	1,650	2,343	2,525	2,224	1,222	443	130	77	77	1,636
1982	Wet	2,307	541	2,927	4,461	3,969	3,563	2,197	2,093	1,477	151	112	568
1983	Wet	91	956	1,480	2,351	4,467	3,869	2,873	1,959	1,391	521	1,753	2,042
1984	Above Normal	1,257	1,597	2,005	2,852	2,998	2,628	1,476	525	144	90	90	691
1985	Dry	596	1,084	1,502	2,187	2,296	2,078	1,116	409	124	71	71	390
1986	Wet	465	3,033	3,448	4,429	3,497	3,063	1,714	602	157	103	103	804
1987	Critical	483	875	1,209	1,891	2,366	1,413	817	601	246	16	16	313
1988	Critical	340	428	606	1,306	1,630	988	583	431	188	16	16	230
1989	Critical	395	497	705	1,533	1,916	1,153	674	497	210	16	16	266
1990	Critical	301	380	535	1,144	1,426	871	518	384	172	16	16	204
1991	Critical	422	530	754	1,648	2,060	1,237	720	530	222	16	16	275
1992	Critical	363	457	646	1,397	1,744	1,055	619	458	197	16	16	336
1993	Wet	1,156	3,131	3,486	4,349	3,790	3,319	1,854	647	165	111	111	871
1994	Critical	491	890	1,230	1,790	1,881	1,705	923	346	113	60	218	1,530
1995	Wet	1,036	2,631	2,029	4,076	4,468	3,874	2,876	1,961	622	553	553	2,045
1996	Wet	829	2,772	3,141	4,180	3,268	2,863	1,605	567	151	91	91	658
1997	Wet	1,969	1,583	2,591	2,725	2,865	2,513	1,413	505	140	87	87	390
1998	Wet	902	565	1,578	2,572	4,481	3,577	2,657	1,813	578	511	511	1,953
1999	Above Normal	715	1,445	1,814	2,579	2,711	2,378	1,340	481	136	83	83	604
2000	Above Normal	796	1,598	2,007	3,265	2,946	2,583	1,452	517	142	89	89	679
2001	Dry	568	1,033	1,432	2,085	2,190	1,983	1,066	393	121	68	68	381
2002	Dry	518	940	1,301	1,892	1,988	1,801	972	362	116	63	63	347
2003	Below Normal	623	1,136	1,575	2,297	2,411	2,182	1,169	n/a	n/a	n/a	n/a	n/a

Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	1,127	1,179	1,803	3,198	3,968	3,539	2,313	1,580	510	444	444	1,695
1923	Above Normal	790	1,593	1,997	2,825	2,970	2,604	1,463	521	143	89	89	661
1924	Critical	460	579	825	1,820	2,277	1,362	789	581	239	16	16	312
1925	Below Normal	546	986	1,357	1,951	2,050	1,856	1,001	372	117	65	65	357
1926	Dry	509	916	1,255	1,800	1,891	1,713	927	348	113	61	61	331
1927	Above Normal	848	1,713	2,149	3,039	3,194	2,799	1,570	555	149	95	95	710
1928	Below Normal	584	1,054	1,453	2,095	2,200	1,991	1,071	394	121	68	68	382
1929	Critical	383	483	686	1,492	1,864	1,124	657	485	206	16	16	260
1930	Critical	356	449	635	1,379	1,722	1,041	612	452	195	16	16	241
1931	Critical	158	204	280	560	692	420	285	215	113	16	16	106
1932	Above Normal	833	1,680	2,109	2,984	3,136	2,749	1,542	546	147	94	94	722
1933	Dry	517	931	1,281	1,849	1,943	1,760	951	356	114	62	62	340
1934	Critical	335	422	595	1,290	1,609	977	576	426	186	16	16	227
1935	Above Normal	738	1,487	1,862	2,624	2,759	2,420	1,362	488	137	84	84	406
1936	Above Normal	860	1,699	2,179	3,080	3,237	2,837	1,590	562	150	96	96	390
1937	Wet	508	1,412	2,010	3,117	3,276	2,870	1,609	568	151	97	97	754
1938	Wet	395	1,153	1,869	4,168	4,474	3,998	2,968	2,023	641	571	571	2,186
1939	Dry	811	1,644	2,058	2,924	3,074	2,694	1,513	537	146	92	80	388
1940	Above Normal	821	1,655	2,077	2,935	3,085	2,704	1,518	538	146	92	92	621
1941	Wet	1,114	1,164	1,711	3,162	3,923	3,499	2,287	1,562	505	439	439	1,676
1942	Wet	1,080	1,129	1,724	3,078	3,818	3,406	2,227	1,522	493	428	322	1,631
1943	Wet	412	1,417	2,025	3,698	3,788	3,401	2,099	855	267	210	210	862
1944	Below Normal	779	1,571	1,973	2,792	2,935	2,573	1,446	515	142	89	89	569
1945	Above Normal	861	1,739	2,183	3,089	3,247	2,845	1,595	563	150	97	97	748
1946	Above Normal	873	1,765	2,213	3,133	3,292	2,885	1,617	570	151	98	98	758
1947	Dry	554	998	1,376	1,981	2,081	1,884	1,015	376	118	65	65	350
1948	Below Normal	480	605	1,211	1,764	1,854	1,680	910	342	112	60	60	325
1949	Below Normal	512	928	1,280	1,850	1,944	1,761	952	356	115	62	62	340
1950	Below Normal	533	962	1,321	1,900	1,996	1,807	976	364	116	63	63	349
1951	Above Normal	871	1,762	2,215	3,144	3,304	2,895	1,622	572	152	98	98	734
1952	Wet	725	1,426	1,830	3,067	3,805	3,395	2,220	1,517	491	426	426	1,625
1953	Below Normal	827	1,677	2,104	2,987	3,140	2,752	1,544	547	147	94	94	723
1954	Below Normal	516	929	1,275	1,829	1,921	1,741	941	352	114	61	61	336
1955	Dry	509	918	1,265	1,821	1,914	1,734	938	351	114	61	61	323
1956	Wet	1,104	1,157	1,772	3,149	3,907	3,485	2,278	1,556	503	438	438	1,669
1957	Below Normal	833	1,684	2,115	2,998	3,151	2,762	1,550	549	148	94	94	726
1958	Wet	855	1,523	2,311	3,465	3,641	3,189	1,783	625	161	107	107	837
1959	Dry	733	1,480	1,852	2,624	2,760	2,420	1,363	488	137	84	84	615
1960	Critical	363	457	646	1,404	1,753	1,060	622	460	198	16	16	245
1961	Critical	254	323	453	961	1,196	738	445	331	153	16	16	174
1962	Below Normal	780	1,572	1,970	2,782	2,925	2,565	1,442	514	142	88	88	674
1963	Above Normal	892	1,804	2,266	3,210	3,374	2,956	1,656	583	154	100	100	750
1964	Dry	514	933	1,292	1,885	1,980	1,793	969	361	115	63	63	346
1965	Wet	926	1,875	2,356	3,340	3,510	3,075	1,721	604	157	103	103	807
1966	Below Normal	641	1,161	1,601	2,317	2,432	2,200	1,179	429	127	70	74	421
1967	Wet	1,258	1,152	1,625	3,026	3,806	3,560	2,644	1,804	576	509	509	1,877
1968	Dry	797	1,615	2,025	2,874	3,022	2,649	1,488	529	144	91	80	390
1969	Wet	949	793	1,769	2,869	4,476	3,998	2,968	2,023	641	571	571	2,186
1970	Above Normal	1,044	1,718	2,062	3,777	3,869	3,473	2,143	872	271	214	214	911
1971	Below Normal	793	1,600	2,008	2,847	2,992	2,623	1,474	524	143	90	90	666
1972	Dry	512	925	1,279	1,856	1,951	1,767	955	357	115	62	62	341
1973	Above Normal	809	1,632	1,945	2,901	3,050	2,673	1,501	533	145	92	92	703
1974	Wet	831	1,675	2,101	2,968	3,120	2,735	1,535	544	147	93	93	719
1975	Wet	814	1,641	2,063	2,917	3,066	2,687	1,509	535	145	92	92	682
1976	Critical	515	927	1,276	1,843	1,937	1,754	948	355	114	62	62	339
1977	Critical	184	235	326	672	832	528	329	247	124	16	16	128
1978	Wet	991	1,322	2,170	3,081	3,785	3,785	2,810	1,917	609	541	541	2,068
1979	Above Normal	1,057	1,733	2,095	3,827	3,920	3,520	2,171	883	274	217	112	548
1980	Wet	1,210	1,478	2,270	2,924	3,665	3,939	2,924	1,994	632	563	563	2,153
1981	Dry	903	1,827	2,293	3,253	3,419	2,995	1,677	590	155	101	101	787
1982	Wet	1,261	693	2,047	3,019	3,797	3,551	2,638	1,800	575	439	206	1,115
1983	Wet	128	1,028	1,578	2,446	4,476	3,998	2,968	2,023	929	539	1,771	2,111
1984	Above Normal	1,258	1,317	2,007	3,077	3,954	3,714	2,581	1,761	563	496	496	1,896
1985	Dry	793	1,600	2,003	2,836	2,981	2,613	1,468	522	143	90	90	390
1986	Wet	607	1,200	1,837	3,050	3,846	3,627	2,369	1,618	521	455	455	1,738
1987	Critical	639	1,159	1,599	2,319	2,434	2,202	1,180	429	127	74	74	407
1988	Critical	379	478	677	1,477	1,845	1,113	651	481	205	16	16	257
1989	Critical	393	494	699	1,526	1,906	1,148	671	495	210	16	16	265
1990	Critical	299	379	532	1,144	1,426	871	518	384	171	16	16	204
1991	Critical	420	528	752	1,645	2,057	1,235	719	530	222	16	16	274
1992	Critical	358	451	636	1,379	1,721	1,041	612	452	195	16	16	241
1993	Wet	868	1,751	2,197	3,103	3,261	2,858	1,602	566	151	97	97	751
1994	Critical	623	1,129	1,559	2,259	2,372	2,146	1,151	420	126	73	73	411
1995	Wet	1,095	1,501	2,125	2,968	3,721	3,998	2,968	2,023	641	571	571	2,111
1996	Wet	1,276	1,389	3,338	3,947	3,757	3,757	2,790	1,903	605	311	123	1,959
1997	Wet	1,934	1,314	2,004	3,072	3,948	3,708	2,577	1,759	562	496	496	1,229
1998	Wet	1,048	730	1,828	2,500	4,319	3,998	2,968	2,023	641	571	571	2,186
1999	Above Normal	1,080	1,133	1,720	3,059	3,794	3,385	2,214	1,513	490	425	425	1,565
2000	Above Normal	768	1,545	1,935	2,734	2,874	2,520	1,417	506	140	87	87	663
2001	Dry	704	1,414	1,772	2,500	2,693	2,371	1,300	468	134	81	81	464
2002	Dry	514	932	1,288	1,872	1,967	1,781	962	359	115	63	63	344
2003	Below Normal	556	1,005	1,386	1,994	2,095	1,897	1,022	n/a	n/a	n/a	n/a	n/a

Change in Simulated Friant-Kern Canal Diversions (Node D18A)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	164	-1,920	-1,724	-1,238	315	340	525	954	349	337	-237	391
1923	Above Normal	-26	-59	-77	-126	-132	-115	-63	-20	-4	-3	-3	-29
1924	Critical	214	266	388	903	1,136	655	361	262	90	0	0	145
1925	Below Normal	-70	-136	-199	-318	-333	-299	-155	-50	-9	-8	-8	-55
1926	Dry	-61	-120	-180	-291	-304	-274	-141	-46	-8	-8	-8	-50
1927	Above Normal	-42	-32	-58	-978	-94	-82	-45	-15	-3	-2	-2	-21
1928	Below Normal	-54	-109	-160	-256	-268	-241	-124	-40	-7	-7	-7	-44
1929	Critical	15	20	29	67	84	49	27	19	7	0	0	11
1930	Critical	-3	-3	-5	-7	-8	-5	-3	-2	-1	0	0	-1
1931	Critical	-3	-3	-5	-8	-10	0	-3	-2	-1	0	0	-87
1932	Above Normal	-67	-131	-182	-279	-293	-255	-140	-45	-8	-8	-8	-66
1933	Dry	-63	-124	-181	-285	-298	-268	-138	-45	-8	-7	-7	-49
1934	Critical	8	10	14	42	53	30	17	12	4	0	0	7
1935	Above Normal	-64	-137	-179	-281	-294	-257	-140	-45	-8	-8	-8	-65
1936	Above Normal	-308	59	-1,083	-203	107	93	51	16	3	3	3	0
1937	Wet	0	57	99	-1,004	205	179	98	32	5	-332	-1,166	-1,153
1938	Wet	69	371	181	-294	-13	418	760	1,127	363	351	351	1,162
1939	Dry	27	-281	682	922	971	790	487	157	27	26	14	35
1940	Above Normal	26	88	-141	-463	212	185	101	33	6	5	5	48
1941	Wet	-427	-1,911	-773	-1,200	146	108	194	710	238	230	-101	-250
1942	Wet	123	-757	-1,742	-1,318	197	235	454	896	332	322	221	-402
1943	Wet	-96	-47	-1,159	447	585	594	525	298	118	114	114	150
1944	Below Normal	155	434	396	491	519	388	275	89	15	15	15	178
1945	Above Normal	-71	-116	-177	-344	-301	-262	-143	-46	-8	-498	-1,122	-239
1946	Above Normal	95	191	12	359	376	328	179	58	10	10	10	-68
1947	Dry	-49	-98	-143	-232	-243	-218	-113	-36	-6	-6	-6	-39
1948	Below Normal	92	17	373	-76	-448	304	113	-244	-129	44	44	9
1949	Below Normal	-29	-56	-83	-135	-141	-127	-65	-21	-4	-4	-4	-23
1950	Below Normal	-68	-133	-196	-313	-327	-295	-152	-49	-7	-1,208	-1,208	-1,254
1951	Above Normal	240	612	620	818	863	686	439	142	24	24	24	-97
1952	Wet	19	-309	88	-1,382	13	-10	119	661	224	217	-82	525
1953	Below Normal	147	305	382	539	502	430	270	87	15	14	14	268
1954	Below Normal	-60	-119	-176	-287	-300	-270	-140	-45	-8	-8	-8	-50
1955	Dry	-57	-112	-162	-260	-272	-245	-127	-41	-7	-7	-7	-1,244
1956	Wet	-621	-827	-766	-1,087	56	113	395	900	336	326	326	784
1957	Below Normal	157	319	401	561	525	450	280	90	16	15	15	273
1958	Wet	-66	-86	-124	-983	-133	-200	-308	-226	-106	-102	-102	-52
1959	Dry	149	352	390	496	525	398	276	89	15	15	15	240
1960	Critical	17	22	31	76	95	55	30	22	8	0	0	12
1961	Critical	-2	-1	-3	-1	-2	-1	-1	0	0	0	0	0
1962	Below Normal	-69	-146	-189	-290	-305	-265	-145	-47	-8	-8	-8	-804
1963	Above Normal	-27	-61	-77	-127	-133	-116	-63	-20	-4	-3	-3	-29
1964	Dry	-6	-10	-13	-16	-17	-15	-8	-3	0	0	-1,144	-1,203
1965	Wet	44	86	109	141	148	129	70	23	4	4	-463	-180
1966	Below Normal	-35	-187	-845	-23	-24	-22	-11	-4	-1	0	-45	-1,193
1967	Wet	-1,080	36	71	-1,178	-676	-66	124	84	25	24	24	90
1968	Dry	331	1,031	1,193	1,050	740	1,284	697	-53	-95	75	64	77
1969	Wet	313	251	546	-125	-4	575	730	494	146	141	-469	428
1970	Above Normal	-83	290	269	1,228	1,189	1,122	818	396	136	132	132	292
1971	Below Normal	150	428	383	475	503	371	268	87	15	14	14	250
1972	Dry	-24	-49	-68	-106	-111	-100	-52	-17	-3	-3	-3	-18
1973	Above Normal	-32	-5	-11	-1,187	13	11	6	2	0	0	-1,200	-499
1974	Wet	-785	-35	-1,259	-1,283	-87	-76	-42	-13	-2	-2	-2	-20
1975	Wet	-55	-81	-113	-634	-169	-147	-80	-26	-4	-4	-4	-37
1976	Critical	138	454	606	390	122	659	307	-119	-88	46	46	85
1977	Critical	14	18	28	71	90	82	29	21	7	0	0	11
1978	Wet	145	179	290	-1,244	-701	69	383	259	77	74	-498	49
1979	Above Normal	-432	101	-838	223	897	869	682	354	130	126	32	171
1980	Wet	315	353	-1,038	-1,537	-480	379	729	1,102	355	344	344	1,220
1981	Dry	251	513	643	910	894	771	455	147	25	24	24	-850
1982	Wet	-1,046	152	-880	-1,442	-172	-11	441	-293	-902	288	93	547
1983	Wet	36	71	98	95	9	129	95	64	-462	18	18	69
1984	Above Normal	0	-280	2	225	956	1,085	1,104	1,236	420	406	406	1,205
1985	Dry	197	516	501	649	685	535	353	114	20	19	19	0
1986	Wet	142	-1,833	-1,611	-1,379	349	563	655	1,016	364	352	352	933
1987	Critical	156	284	390	428	68	789	363	-172	-119	58	58	94
1988	Critical	39	49	72	171	215	124	68	50	17	0	0	27
1989	Critical	-2	-2	-5	-7	-9	-5	-3	-2	-1	0	0	-1
1990	Critical	-2	-1	-4	0	-1	0	0	0	0	0	0	0
1991	Critical	-2	-2	-2	-3	-4	-2	-1	-1	0	0	0	0
1992	Critical	-5	-6	-10	-18	-23	-13	-7	-5	-2	0	0	-95
1993	Wet	-289	-1,380	-1,289	-1,246	-529	-461	-252	-81	-14	-14	-14	-120
1994	Critical	132	240	328	469	491	442	228	74	13	12	-145	-1,118
1995	Wet	59	-1,130	95	-1,108	-747	124	92	62	18	18	18	66
1996	Wet	447	-1,383	197	-233	489	894	1,185	1,336	454	220	32	1,301
1997	Wet	-35	-269	-587	347	1,082	1,196	1,164	1,254	422	409	409	838
1998	Wet	146	164	250	-72	-162	421	311	211	62	60	60	233
1999	Above Normal	365	-311	-94	480	1,083	1,007	874	1,032	354	342	342	960
2000	Above Normal	-28	-53	-71	-532	-72	-63	-35	-11	-2	-2	-2	-16
2001	Dry	136	381	339	414	503	388	234	75	13	13	13	84
2002	Dry	-4	-7	-13	-21	-22	-20	-10	-3	-1	-1	-1	-4
2003	Below Normal	-67	-131	-189	-302	-316	-285	-147	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Friant-Kern Canal Diversions (Node D18A)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	17%	-62%	-49%	-28%	9%	11%	29%	152%	217%	315%	-35%	30%
1923	Above Normal	-3%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-2%	-4%	-4%	-4%
1924	Critical	87%	85%	89%	98%	100%	93%	84%	82%	61%	0%	0%	87%
1925	Below Normal	-11%	-12%	-13%	-14%	-14%	-14%	-13%	-12%	-7%	-11%	-11%	-13%
1926	Dry	-11%	-12%	-13%	-14%	-14%	-14%	-13%	-12%	-6%	-11%	-11%	-13%
1927	Above Normal	-5%	-2%	-3%	-24%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	-3%
1928	Below Normal	-8%	-9%	-10%	-11%	-11%	-11%	-10%	-9%	-5%	-9%	-9%	-10%
1929	Critical	4%	4%	4%	5%	5%	5%	4%	4%	3%	0%	0%	4%
1930	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	-2%	-1%	-2%	-1%	-1%	0%	-1%	-1%	-1%	0%	0%	-45%
1932	Above Normal	-7%	-7%	-8%	-9%	-9%	-8%	-8%	-8%	-5%	-7%	-7%	-8%
1933	Dry	-11%	-12%	-12%	-13%	-13%	-13%	-13%	-11%	-6%	-11%	-11%	-13%
1934	Critical	2%	2%	2%	3%	3%	3%	3%	3%	2%	0%	0%	3%
1935	Above Normal	-8%	-8%	-9%	-10%	-10%	-10%	-9%	-8%	-5%	-8%	-8%	-14%
1936	Above Normal	-26%	4%	-33%	-6%	3%	3%	3%	3%	2%	3%	3%	0%
1937	Wet	0%	4%	5%	-24%	7%	7%	6%	6%	4%	-77%	-92%	-60%
1938	Wet	21%	47%	11%	-7%	0%	12%	34%	126%	130%	159%	159%	114%
1939	Dry	3%	-15%	50%	46%	46%	41%	47%	41%	23%	40%	22%	10%
1940	Above Normal	3%	6%	-6%	-14%	7%	7%	7%	6%	4%	6%	6%	8%
1941	Wet	-28%	-62%	-31%	-28%	4%	3%	9%	83%	89%	110%	-19%	-13%
1942	Wet	13%	-40%	-50%	-30%	5%	7%	26%	143%	208%	303%	217%	-20%
1943	Wet	-19%	-3%	-36%	14%	18%	21%	33%	54%	79%	120%	120%	21%
1944	Below Normal	25%	38%	25%	21%	21%	18%	23%	21%	12%	20%	20%	46%
1945	Above Normal	-8%	-6%	-7%	-10%	-8%	-8%	-8%	-8%	-5%	-84%	-92%	-24%
1946	Above Normal	12%	12%	1%	13%	13%	13%	12%	11%	7%	11%	11%	-8%
1947	Dry	-8%	-9%	-9%	-10%	-10%	-10%	-10%	-9%	-5%	-8%	-8%	-10%
1948	Below Normal	24%	3%	45%	-4%	-19%	22%	14%	-42%	-53%	268%	268%	3%
1949	Below Normal	-5%	-6%	-6%	-7%	-7%	-7%	-6%	-6%	-3%	-5%	-5%	-6%
1950	Below Normal	-11%	-12%	-13%	-14%	-14%	-14%	-13%	-12%	-5%	-95%	-95%	-78%
1951	Above Normal	38%	53%	39%	35%	35%	31%	37%	33%	19%	32%	32%	-12%
1952	Wet	3%	-18%	5%	-31%	0%	0%	6%	77%	84%	103%	-16%	48%
1953	Below Normal	22%	22%	22%	22%	19%	19%	21%	19%	11%	18%	18%	59%
1954	Below Normal	-10%	-11%	-12%	-14%	-14%	-13%	-13%	-11%	-6%	-11%	-11%	-13%
1955	Dry	-10%	-11%	-11%	-13%	-12%	-12%	-12%	-10%	-6%	-10%	-10%	-79%
1956	Wet	-36%	-42%	-30%	-26%	1%	3%	21%	137%	202%	290%	290%	89%
1957	Below Normal	23%	23%	23%	23%	20%	19%	22%	20%	12%	19%	19%	60%
1958	Wet	-7%	-5%	-5%	-22%	-4%	-6%	-15%	-27%	-40%	-49%	-49%	-6%
1959	Dry	26%	31%	27%	23%	23%	20%	25%	22%	13%	21%	21%	64%
1960	Critical	5%	5%	5%	6%	6%	5%	5%	5%	4%	0%	0%	5%
1961	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-8%	-9%	-9%	-9%	-9%	-9%	-9%	-8%	-5%	-8%	-8%	-54%
1963	Above Normal	-3%	-3%	-3%	-4%	-4%	-4%	-4%	-3%	-2%	-3%	-3%	-4%
1964	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-95%	-78%
1965	Wet	5%	5%	5%	4%	4%	4%	4%	4%	3%	4%	-82%	-18%
1966	Below Normal	-5%	-14%	-35%	-1%	-1%	-1%	-1%	-1%	0%	0%	-38%	-74%
1967	Wet	-46%	3%	5%	-28%	-15%	-2%	5%	5%	5%	5%	5%	5%
1968	Dry	71%	176%	143%	58%	32%	94%	88%	-9%	-40%	458%	394%	25%
1969	Wet	49%	46%	45%	-4%	0%	17%	33%	32%	30%	33%	-45%	24%
1970	Above Normal	-7%	20%	15%	48%	44%	48%	62%	83%	101%	161%	161%	47%
1971	Below Normal	23%	37%	24%	20%	20%	16%	22%	20%	12%	19%	19%	60%
1972	Dry	-4%	-5%	-5%	-5%	-5%	-5%	-5%	-4%	-2%	-4%	-4%	-5%
1973	Above Normal	-4%	0%	-1%	-29%	0%	0%	0%	0%	0%	0%	-93%	-42%
1974	Wet	-49%	-2%	-37%	-30%	-3%	-3%	-3%	-2%	-2%	-2%	-2%	-3%
1975	Wet	-6%	-5%	-5%	-18%	-5%	-5%	-5%	-5%	-3%	-4%	-4%	-5%
1976	Critical	37%	96%	90%	27%	7%	60%	48%	-25%	-44%	280%	280%	34%
1977	Critical	9%	9%	9%	12%	12%	18%	9%	9%	6%	0%	0%	10%
1978	Wet	17%	16%	15%	-29%	-16%	2%	16%	16%	14%	16%	-48%	2%
1979	Above Normal	-29%	6%	-29%	6%	30%	33%	46%	67%	90%	138%	40%	45%
1980	Wet	35%	31%	-31%	-34%	-12%	11%	33%	123%	128%	157%	157%	131%
1981	Dry	38%	39%	39%	39%	35%	35%	37%	33%	20%	32%	32%	-52%
1982	Wet	-45%	28%	-30%	-32%	-4%	0%	20%	-14%	-61%	191%	83%	96%
1983	Wet	40%	7%	7%	4%	0%	3%	3%	3%	-33%	4%	1%	3%
1984	Above Normal	0%	-18%	0%	8%	32%	41%	75%	235%	292%	450%	450%	174%
1985	Dry	33%	48%	33%	30%	30%	26%	32%	28%	16%	27%	27%	0%
1986	Wet	31%	-60%	-47%	-31%	10%	18%	38%	169%	232%	342%	342%	116%
1987	Critical	32%	32%	32%	23%	3%	56%	44%	-29%	-48%	357%	357%	30%
1988	Critical	12%	12%	12%	13%	13%	13%	12%	12%	9%	0%	0%	12%
1989	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	-28%
1993	Wet	-25%	-44%	-37%	-29%	-14%	-14%	-14%	-13%	-9%	-12%	-12%	-14%
1994	Critical	27%	27%	27%	26%	26%	26%	25%	21%	11%	20%	-67%	-73%
1995	Wet	6%	-43%	5%	-27%	-17%	3%	3%	3%	3%	3%	3%	3%
1996	Wet	54%	-50%	6%	-6%	15%	31%	74%	236%	301%	242%	35%	198%
1997	Wet	-2%	-17%	-23%	13%	38%	48%	82%	249%	301%	471%	471%	215%
1998	Wet	16%	29%	16%	-3%	-4%	12%	12%	12%	11%	12%	12%	12%
1999	Above Normal	51%	-22%	-5%	19%	40%	42%	65%	214%	260%	413%	413%	159%
2000	Above Normal	-3%	-3%	-4%	-16%	-2%	-2%	-2%	-2%	-1%	-2%	-2%	-2%
2001	Dry	24%	37%	24%	20%	23%	20%	22%	19%	11%	18%	18%	22%
2002	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%
2003	Below Normal	-11%	-12%	-12%	-13%	-13%	-13%	-13%	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	957	1,250	1,225	1,064	400	48	5	0	6	5
1923	Above Normal	117	322	617	855	1,000	867	322	39	0	0	0	0
1924	Critical	0	0	111	301	369	257	36	0	0	0	0	0
1925	Below Normal	0	0	263	793	963	665	106	0	0	0	0	0
1926	Dry	0	0	238	711	865	597	94	0	0	0	0	0
1927	Above Normal	116	348	671	1,072	1,080	937	350	38	2	1	1	3
1928	Below Normal	0	0	277	834	1,013	699	112	0	0	0	0	0
1929	Critical	0	0	159	457	557	386	58	0	0	0	0	0
1930	Critical	0	0	155	445	543	376	56	0	0	0	0	0
1931	Critical	0	0	77	194	140	49	246	0	0	0	0	4
1932	Above Normal	117	366	703	974	1,138	987	369	48	5	0	0	0
1933	Dry	0	0	242	726	882	609	96	0	0	0	0	0
1934	Critical	0	0	142	403	491	341	50	0	0	0	0	0
1935	Above Normal	65	107	645	894	1,045	906	337	49	0	0	0	32
1936	Above Normal	59	329	824	916	1,011	876	326	30	5	1	1	65
1937	Wet	43	517	791	1,101	987	855	317	38	0	3	12	0
1938	Wet	9	219	1,124	1,250	1,250	1,221	462	35	15	0	0	14
1939	Dry	32	143	229	683	830	573	90	0	0	0	0	0
1940	Above Normal	78	302	622	1,174	1,250	930	145	0	0	0	0	107
1941	Wet	15	14	1,016	1,250	1,250	1,250	568	75	20	10	13	11
1942	Wet	68	391	932	1,213	1,231	1,069	402	51	5	0	52	29
1943	Wet	168	337	820	925	1,041	903	336	41	1	0	0	0
1944	Below Normal	0	0	268	809	983	678	108	0	0	0	0	155
1945	Above Normal	107	379	732	1,029	1,190	1,033	388	48	5	5	12	14
1946	Above Normal	109	301	617	789	923	800	296	36	0	0	0	22
1947	Dry	0	0	255	765	929	641	102	0	0	0	0	0
1948	Below Normal	0	0	199	585	712	492	76	0	0	0	0	0
1949	Below Normal	0	0	227	676	822	568	89	0	0	0	0	0
1950	Below Normal	0	0	255	764	929	641	102	0	0	201	62	68
1951	Above Normal	0	0	272	821	998	688	110	0	0	0	0	5
1952	Wet	3	249	1,076	1,250	1,250	1,195	451	67	10	0	3	15
1953	Below Normal	0	0	302	916	1,112	767	124	0	0	0	0	0
1954	Below Normal	0	0	241	720	875	604	96	0	0	0	0	0
1955	Dry	0	0	237	709	861	595	94	0	0	130	274	28
1956	Wet	221	411	795	1,215	1,250	1,171	442	59	8	0	0	0
1957	Below Normal	0	0	300	911	1,105	762	123	0	0	0	0	0
1958	Wet	31	3	1,082	1,250	1,250	1,183	447	66	10	0	0	0
1959	Dry	0	11	242	724	880	608	96	0	0	0	0	0
1960	Critical	0	0	150	428	521	362	54	0	0	0	0	0
1961	Critical	0	0	115	315	385	268	38	0	0	0	0	0
1962	Below Normal	87	343	655	908	1,060	920	343	43	1	0	0	31
1963	Above Normal	138	379	720	998	1,166	1,012	379	38	7	0	0	0
1964	Dry	0	0	219	648	788	545	85	0	0	0	12	78
1965	Wet	130	359	683	947	1,106	960	359	43	1	0	5	9
1966	Below Normal	1	0	421	829	1,006	694	111	0	0	0	0	50
1967	Wet	217	14	1,250	1,250	1,250	1,250	812	257	15	11	9	45
1968	Dry	0	0	197	580	706	488	76	0	0	0	114	0
1969	Wet	3	285	1,166	1,250	1,250	1,156	646	70	19	0	6	5
1970	Above Normal	32	0	318	968	1,175	810	131	0	0	0	0	0
1971	Below Normal	0	0	279	845	1,026	708	113	0	0	0	0	0
1972	Dry	0	0	225	669	813	562	88	0	0	0	0	0
1973	Above Normal	24	326	626	1,080	973	843	313	29	2	1	54	21
1974	Wet	192	338	850	1,092	1,043	904	337	41	1	0	0	0
1975	Wet	47	347	668	998	1,073	931	347	44	1	0	0	0
1976	Critical	0	0	162	466	568	393	59	0	0	0	0	0
1977	Critical	0	0	80	204	251	49	154	0	0	0	0	97
1978	Wet	13	3	1,250	1,250	1,250	1,250	734	171	10	0	6	2
1979	Above Normal	21	317	755	949	967	838	311	38	0	0	154	234
1980	Wet	103	522	1,064	1,250	1,250	1,213	458	59	10	0	0	0
1981	Dry	0	0	285	862	1,047	722	116	0	0	0	0	40
1982	Wet	10	116	1,169	1,250	1,250	1,250	542	232	92	217	232	2
1983	Wet	0	34	1,250	1,250	1,250	1,250	986	193	102	226	64	38
1984	Above Normal	184	308	590	818	957	829	307	37	0	0	0	0
1985	Dry	0	0	251	751	913	630	100	0	0	0	0	215
1986	Wet	149	488	902	1,225	1,162	1,008	378	47	8	0	0	0
1987	Critical	0	0	204	601	731	505	79	0	0	0	0	0
1988	Critical	0	0	148	421	513	356	53	0	0	0	0	0
1989	Critical	0	0	169	491	597	414	63	0	0	0	0	0
1990	Critical	0	0	132	371	453	315	46	0	0	0	0	0
1991	Critical	0	0	180	526	640	443	68	0	0	0	0	0
1992	Critical	0	0	157	449	547	379	57	0	0	0	0	4
1993	Wet	45	517	945	1,222	1,250	1,134	427	55	5	0	0	0
1994	Critical	0	0	207	612	744	514	80	0	0	0	1	57
1995	Wet	78	311	1,250	1,250	1,250	1,250	1,113	418	21	13	10	24
1996	Wet	227	484	821	1,092	1,067	926	345	35	3	98	698	136
1997	Wet	246	304	684	1,060	1,250	923	144	0	0	0	0	94
1998	Wet	47	83	1,250	1,250	1,250	1,250	928	198	56	43	34	57
1999	Above Normal	0	0	323	984	1,194	823	133	0	0	0	0	0
2000	Above Normal	17	316	605	897	959	831	308	8	7	5	4	4
2001	Dry	0	0	238	710	863	596	94	0	0	0	0	0
2002	Dry	0	0	218	646	785	543	85	0	0	0	0	0
2003	Below Normal	0	0	268	807	980	676	108	n/a	n/a	n/a	n/a	n/a

Simulated Madera Canal Diversions (Node D18B)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	476	969	1,250	1,250	1,250	884	191	10	0	0	0
1923	Above Normal	112	306	587	808	945	819	303	37	0	0	0	0
1924	Critical	0	0	196	579	704	487	75	0	0	0	0	0
1925	Below Normal	0	0	226	665	809	559	88	0	0	0	0	0
1926	Dry	0	0	211	615	748	517	81	0	0	0	0	0
1927	Above Normal	111	339	648	890	1,040	902	336	37	2	1	1	3
1928	Below Normal	0	0	241	713	867	598	95	0	0	0	0	0
1929	Critical	0	0	165	478	582	403	61	0	0	0	0	0
1930	Critical	0	0	154	443	540	375	56	0	0	0	0	0
1931	Critical	0	0	76	192	236	49	141	0	0	0	0	0
1932	Above Normal	109	331	632	870	1,016	881	328	40	0	0	0	0
1933	Dry	0	0	215	631	768	531	83	0	0	0	0	0
1934	Critical	0	0	145	416	507	352	52	0	0	0	0	0
1935	Above Normal	0	0	334	1,007	1,223	843	137	0	0	0	0	0
1936	Above Normal	20	353	673	925	1,080	937	350	34	7	2	2	0
1937	Wet	10	346	674	939	1,097	952	356	46	1	0	0	0
1938	Wet	0	219	1,250	1,250	1,250	1,250	1,164	161	71	63	51	87
1939	Dry	116	320	611	845	988	856	318	38	0	0	0	0
1940	Above Normal	81	326	623	857	1,001	868	323	40	0	0	0	0
1941	Wet	0	14	1,024	1,250	1,250	1,250	1,112	129	40	29	23	0
1942	Wet	83	532	890	1,176	1,250	1,226	686	133	10	0	0	0
1943	Wet	43	440	839	1,154	1,250	1,232	466	75	10	0	0	0
1944	Below Normal	110	301	578	796	931	807	298	36	0	0	0	0
1945	Above Normal	99	348	663	912	1,066	924	345	42	1	0	0	0
1946	Above Normal	128	352	670	922	1,078	935	349	42	1	0	0	0
1947	Dry	0	0	229	675	821	567	89	0	0	0	0	0
1948	Below Normal	0	0	204	603	734	507	79	0	0	0	0	0
1949	Below Normal	0	0	215	632	768	531	83	0	0	0	0	0
1950	Below Normal	0	0	221	648	788	544	85	0	0	0	0	0
1951	Above Normal	123	352	672	927	1,083	940	351	43	1	0	0	0
1952	Wet	3	249	925	1,230	1,250	1,250	781	180	10	0	0	0
1953	Below Normal	119	329	628	868	1,015	880	327	40	0	0	0	0
1954	Below Normal	0	0	214	624	759	525	82	0	0	0	0	0
1955	Dry	0	0	212	622	757	523	82	0	0	0	0	0
1956	Wet	158	542	910	1,194	1,250	1,250	708	134	13	0	0	0
1957	Below Normal	121	331	632	873	1,020	884	329	40	1	0	0	0
1958	Wet	28	3	831	1,155	1,250	1,233	466	81	5	0	0	0
1959	Dry	0	0	332	1,008	1,223	843	137	0	0	0	0	0
1960	Critical	0	0	157	451	549	381	57	0	0	0	0	0
1961	Critical	0	0	114	315	385	268	38	0	0	0	0	0
1962	Below Normal	79	303	581	799	934	809	299	37	0	0	0	0
1963	Above Normal	132	363	691	951	1,111	964	360	36	3	2	2	8
1964	Dry	0	0	217	643	782	540	85	0	0	0	0	0
1965	Wet	139	382	725	999	1,167	1,013	380	47	5	0	0	0
1966	Below Normal	0	0	274	817	992	685	110	0	0	0	0	0
1967	Wet	150	14	1,174	1,250	1,250	1,250	1,218	417	71	68	68	95
1968	Dry	113	312	598	827	967	838	311	38	0	0	0	0
1969	Wet	3	285	1,250	1,250	1,250	1,250	1,164	148	71	66	52	62
1970	Above Normal	128	453	846	1,168	1,250	1,250	480	76	10	0	0	0
1971	Below Normal	112	308	591	816	955	827	306	37	0	0	0	0
1972	Dry	0	0	215	634	771	533	83	0	0	0	0	0
1973	Above Normal	23	325	621	856	1,000	867	322	32	2	2	1	1
1974	Wet	109	329	629	864	1,010	875	325	40	0	0	0	0
1975	Wet	47	325	623	857	1,001	868	323	41	0	0	0	0
1976	Critical	0	0	214	629	765	529	83	0	0	0	0	0
1977	Critical	0	0	86	226	277	194	25	0	0	0	0	0
1978	Wet	0	3	1,250	1,250	1,250	1,250	836	423	71	68	68	76
1979	Above Normal	100	460	867	1,193	1,250	1,250	527	95	10	0	0	0
1980	Wet	33	752	1,249	1,250	1,250	1,250	1,250	379	71	68	68	92
1981	Dry	126	370	702	969	1,131	982	367	47	5	0	0	0
1982	Wet	37	52	1,200	1,250	1,250	1,250	862	175	71	68	104	0
1983	Wet	0	34	1,250	1,250	1,250	1,250	986	193	103	225	62	37
1984	Above Normal	193	638	1,056	1,250	1,250	1,250	1,198	192	62	48	38	66
1985	Dry	112	308	590	812	950	823	305	37	0	0	0	0
1986	Wet	37	492	983	1,250	1,250	1,250	964	259	13	0	0	0
1987	Critical	0	0	273	818	994	686	110	0	0	0	0	0
1988	Critical	0	0	163	473	577	400	60	0	0	0	0	0
1989	Critical	0	0	168	488	595	412	63	0	0	0	0	0
1990	Critical	0	0	131	371	453	315	46	0	0	0	0	0
1991	Critical	0	0	180	525	639	442	68	0	0	0	0	0
1992	Critical	0	0	154	443	540	374	56	0	0	0	0	0
1993	Wet	25	357	679	932	1,089	945	353	46	1	0	0	0
1994	Critical	0	0	264	788	957	661	105	0	0	0	0	0
1995	Wet	0	311	1,250	1,250	1,250	1,250	1,250	418	74	68	68	73
1996	Wet	108	553	1,250	1,250	1,250	1,250	1,245	122	71	68	315	50
1997	Wet	248	635	1,052	1,250	1,250	1,250	1,184	398	19	14	12	0
1998	Wet	0	83	1,250	1,250	1,250	1,250	1,124	198	71	68	68	86
1999	Above Normal	170	527	875	1,150	1,250	1,184	662	126	10	0	0	0
2000	Above Normal	81	0	353	1,072	1,250	940	153	0	0	0	0	0
2001	Dry	0	0	313	943	1,145	789	128	0	0	0	0	0
2002	Dry	0	0	216	639	777	537	84	0	0	0	0	0
2003	Below Normal	0	0	231	680	826	571	90	n/a	n/a	n/a	n/a	n/a

Change in Simulated Madera Canal Diversions (Node D18B)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	12	0	25	186	484	143	5	0	-6	-5
1923	Above Normal	-5	-16	-30	-47	-54	-47	-19	-2	0	0	0	0
1924	Critical	0	0	85	277	336	230	40	0	0	0	0	0
1925	Below Normal	0	0	-37	-128	-155	-106	-18	0	0	0	0	0
1926	Dry	0	0	-27	-97	-117	-80	-14	0	0	0	0	0
1927	Above Normal	-5	-9	-23	-182	-40	-35	-14	-1	0	0	0	0
1928	Below Normal	0	0	-36	-121	-147	-101	-17	0	0	0	0	0
1929	Critical	0	0	6	21	25	17	3	0	0	0	0	0
1930	Critical	0	0	-1	-2	-2	-2	0	0	0	0	0	0
1931	Critical	0	0	-1	-2	96	0	-105	0	0	0	0	-4
1932	Above Normal	-8	-35	-71	-105	-121	-106	-42	-8	-5	0	0	0
1933	Dry	0	0	-28	-95	-114	-78	-14	0	0	0	0	0
1934	Critical	0	0	3	13	16	11	2	0	0	0	0	0
1935	Above Normal	-65	-107	-311	113	178	-63	-201	-49	0	0	0	-32
1936	Above Normal	-39	25	-150	9	69	61	24	4	2	2	1	-65
1937	Wet	-33	-170	-117	-162	111	97	38	8	1	-3	-12	0
1938	Wet	-9	0	126	0	0	29	702	126	56	63	51	73
1939	Dry	85	177	381	162	158	283	228	38	0	0	0	0
1940	Above Normal	3	24	2	-318	-249	-62	178	40	0	0	0	-107
1941	Wet	-15	0	8	0	0	0	544	54	20	19	10	-11
1942	Wet	15	141	-42	-37	19	157	284	82	5	0	-52	-29
1943	Wet	-125	103	19	230	209	330	130	34	8	0	0	0
1944	Below Normal	110	301	309	-13	-52	128	190	36	0	0	0	-155
1945	Above Normal	-9	-31	-69	-117	-125	-109	-43	-6	-3	-5	-12	-14
1946	Above Normal	19	51	54	133	154	135	53	6	1	0	0	-22
1947	Dry	0	0	-26	-90	-108	-74	-13	0	0	0	0	0
1948	Below Normal	0	0	6	18	22	15	3	0	0	0	0	0
1949	Below Normal	0	0	-13	-45	-54	-37	-6	0	0	0	0	0
1950	Below Normal	0	0	-34	-116	-141	-96	-17	0	0	-201	-62	-68
1951	Above Normal	123	352	399	106	86	252	241	43	1	0	0	-5
1952	Wet	0	0	-151	-20	0	55	330	112	0	0	-3	-15
1953	Below Normal	119	329	327	-48	-97	113	204	40	0	0	0	0
1954	Below Normal	0	0	-27	-95	-115	-79	-14	0	0	0	0	0
1955	Dry	0	0	-25	-86	-105	-72	-12	0	0	-130	-274	-28
1956	Wet	-63	131	115	-21	0	79	266	75	5	0	0	0
1957	Below Normal	121	331	332	-38	-86	122	206	40	1	0	0	0
1958	Wet	-3	0	-251	-95	0	50	20	15	-5	0	0	0
1959	Dry	0	-11	90	284	343	235	41	0	0	0	0	0
1960	Critical	0	0	7	23	28	19	3	0	0	0	0	0
1961	Critical	0	0	-1	0	0	0	0	0	0	0	0	0
1962	Below Normal	-8	-39	-73	-109	-126	-110	-43	-5	-1	0	0	-31
1963	Above Normal	-5	-16	-30	-47	-55	-48	-19	-2	-4	2	2	8
1964	Dry	0	0	-2	-5	-7	-4	-1	0	0	0	-12	-78
1965	Wet	9	23	42	52	61	53	21	3	3	0	-5	-9
1966	Below Normal	-1	0	-147	-12	-14	-10	-2	0	0	0	0	-50
1967	Wet	-67	0	-76	0	0	0	405	160	56	57	59	50
1968	Dry	113	312	401	247	261	350	235	38	0	0	-114	0
1969	Wet	0	0	84	0	0	94	518	78	51	66	46	57
1970	Above Normal	96	453	528	200	75	440	349	76	10	0	0	0
1971	Below Normal	112	308	312	-28	-71	119	193	37	0	0	0	0
1972	Dry	0	0	-10	-35	-43	-29	-5	0	0	0	0	0
1973	Above Normal	-1	-2	-5	-224	28	24	9	2	0	0	-53	-20
1974	Wet	-83	-8	-221	-228	-33	-29	-11	-1	-1	0	0	0
1975	Wet	0	-22	-45	-141	-72	-63	-25	-3	-1	0	0	0
1976	Critical	0	0	52	163	198	135	23	0	0	0	0	0
1977	Critical	0	0	6	22	27	146	-128	0	0	0	0	-97
1978	Wet	-13	0	0	0	0	0	101	252	61	68	63	73
1979	Above Normal	80	143	112	244	283	412	216	57	10	0	-154	-234
1980	Wet	-70	231	185	0	0	37	792	320	61	68	68	92
1981	Dry	126	370	417	107	85	260	251	47	5	0	0	-40
1982	Wet	27	-65	31	0	0	0	321	-57	-21	-148	-128	-2
1983	Wet	0	0	0	0	0	0	0	0	0	-2	-2	-1
1984	Above Normal	9	331	466	432	293	421	891	155	62	48	38	66
1985	Dry	112	308	338	61	37	193	205	37	0	0	0	-215
1986	Wet	-112	4	81	25	88	242	586	212	5	0	0	0
1987	Critical	0	0	70	218	263	180	31	0	0	0	0	0
1988	Critical	0	0	16	53	64	44	8	0	0	0	0	0
1989	Critical	0	0	-1	-2	-3	-2	0	0	0	0	0	0
1990	Critical	0	0	-1	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	-1	-1	-1	0	0	0	0	0	0
1992	Critical	0	0	-2	-6	-7	-5	-1	0	0	0	0	-4
1993	Wet	-19	-160	-266	-289	-161	-189	-74	-9	-3	0	0	0
1994	Critical	0	0	57	176	213	146	25	0	0	0	-1	-57
1995	Wet	-78	0	0	0	0	0	137	0	53	55	58	49
1996	Wet	-119	69	429	158	183	324	900	86	68	-30	-383	-86
1997	Wet	2	331	368	190	0	327	1,039	398	19	14	12	-94
1998	Wet	-47	0	0	0	0	0	196	0	15	25	34	30
1999	Above Normal	170	527	552	166	56	361	528	126	10	0	0	0
2000	Above Normal	64	-316	-252	175	291	109	-154	-8	-7	-5	-4	-4
2001	Dry	0	0	75	233	282	193	33	0	0	0	0	0
2002	Dry	0	0	-2	-7	-8	-6	-1	0	0	0	0	0
2003	Below Normal	0	0	-37	-127	-154	-106	-18	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Madera Canal Diversions (Node D18B)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	0%	1%	0%	2%	17%	121%	296%	100%	-	-100%	-100%
1923	Above Normal	-4%	-5%	-5%	-5%	-5%	-5%	-6%	-6%	-	-	-	-
1924	Critical	-	-	77%	92%	91%	90%	111%	-	-	-	-	-
1925	Below Normal	-	-	-14%	-16%	-16%	-16%	-17%	-	-	-	-	-
1926	Dry	-	-	-12%	-14%	-14%	-13%	-15%	-	-	-	-	-
1927	Above Normal	-4%	-2%	-3%	-17%	-4%	-4%	-4%	-3%	-6%	-14%	-14%	-14%
1928	Below Normal	-	-	-13%	-15%	-14%	-14%	-15%	-	-	-	-	-
1929	Critical	-	-	4%	5%	4%	4%	5%	-	-	-	-	-
1930	Critical	-	-	-1%	0%	0%	0%	-1%	-	-	-	-	-
1931	Critical	-	-	-1%	-1%	69%	0%	-43%	-	-	-	-	-100%
1932	Above Normal	-7%	-10%	-10%	-11%	-11%	-11%	-11%	-16%	-100%	-	-	-
1933	Dry	-	-	-11%	-13%	-13%	-13%	-14%	-	-	-	-	-
1934	Critical	-	-	2%	3%	3%	3%	4%	-	-	-	-	-
1935	Above Normal	-100%	-100%	-48%	13%	17%	-7%	-59%	-100%	-	-	-	-100%
1936	Above Normal	-66%	7%	-18%	1%	7%	7%	7%	12%	37%	191%	191%	-100%
1937	Wet	-77%	-33%	-15%	-15%	11%	11%	12%	21%	-	-100%	-100%	-
1938	Wet	-100%	0%	11%	0%	0%	2%	152%	357%	386%	-	-	513%
1939	Dry	267%	124%	166%	24%	19%	49%	252%	-	-	-	-	-
1940	Above Normal	4%	8%	0%	-27%	-20%	-7%	123%	-	-	-	-	-100%
1941	Wet	-100%	0%	1%	0%	0%	0%	96%	72%	99%	192%	78%	-100%
1942	Wet	22%	36%	-4%	-3%	2%	15%	71%	161%	100%	-	-100%	-100%
1943	Wet	-74%	31%	2%	25%	20%	37%	39%	84%	567%	-	-	-
1944	Below Normal	-	-	115%	-2%	-5%	19%	175%	-	-	-	-	-100%
1945	Above Normal	-8%	-8%	-9%	-11%	-10%	-11%	-11%	-12%	-70%	-100%	-100%	-100%
1946	Above Normal	17%	17%	9%	17%	17%	17%	18%	18%	-	-	-	-100%
1947	Dry	-	-	-10%	-12%	-12%	-12%	-13%	-	-	-	-	-
1948	Below Normal	-	-	3%	3%	3%	3%	3%	-	-	-	-	-
1949	Below Normal	-	-	-6%	-7%	-7%	-7%	-7%	-	-	-	-	-
1950	Below Normal	-	-	-13%	-15%	-15%	-15%	-16%	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	147%	13%	9%	37%	219%	-	-	-	-	-100%
1952	Wet	0%	0%	-14%	-2%	0%	5%	73%	167%	0%	-	-100%	-100%
1953	Below Normal	-	-	108%	-5%	-9%	15%	165%	-	-	-	-	-
1954	Below Normal	-	-	-11%	-13%	-13%	-13%	-14%	-	-	-	-	-
1955	Dry	-	-	-10%	-12%	-12%	-12%	-13%	-	-	-100%	-100%	-100%
1956	Wet	-29%	32%	14%	-2%	0%	7%	60%	129%	58%	-	-	-
1957	Below Normal	-	-	111%	-4%	-8%	16%	168%	-	-	-	-	-
1958	Wet	-9%	0%	-23%	-8%	0%	4%	4%	22%	-50%	-	-	-
1959	Dry	-	-100%	37%	39%	39%	39%	42%	-	-	-	-	-
1960	Critical	-	-	5%	5%	5%	5%	6%	-	-	-	-	-
1961	Critical	-	-	-1%	0%	0%	0%	0%	-	-	-	-	-
1962	Below Normal	-9%	-12%	-11%	-12%	-12%	-12%	-13%	-13%	-100%	-	-	-100%
1963	Above Normal	-4%	-4%	-4%	-5%	-5%	-5%	-5%	-5%	-55%	-	-	-
1964	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-100%	-100%
1965	Wet	7%	6%	6%	6%	5%	6%	6%	8%	233%	-	-100%	-100%
1966	Below Normal	-100%	-	-35%	-1%	-1%	-1%	-2%	-	-	-	-	-100%
1967	Wet	-31%	0%	-6%	0%	0%	0%	50%	62%	386%	508%	660%	112%
1968	Dry	-	-	203%	43%	37%	72%	310%	-	-	-	-100%	-
1969	Wet	0%	0%	7%	0%	0%	8%	80%	111%	265%	-	776%	1190%
1970	Above Normal	300%	-	166%	21%	6%	54%	266%	-	-	-	-	-
1971	Below Normal	-	-	112%	-3%	-7%	17%	170%	-	-	-	-	-
1972	Dry	-	-	-5%	-5%	-5%	-5%	-6%	-	-	-	-	-
1973	Above Normal	-5%	-1%	-1%	-21%	3%	3%	3%	8%	19%	19%	-98%	-95%
1974	Wet	-43%	-2%	-26%	-21%	-3%	-3%	-3%	-3%	-100%	-	-	-
1975	Wet	0%	-6%	-7%	-14%	-7%	-7%	-7%	-7%	-100%	-	-	-
1976	Critical	-	-	32%	35%	35%	34%	39%	-	-	-	-	-
1977	Critical	-	-	8%	11%	11%	298%	-84%	-	-	-	-	-100%
1978	Wet	-100%	0%	0%	0%	0%	0%	14%	148%	629%	-	1097%	2947%
1979	Above Normal	383%	45%	15%	26%	29%	49%	70%	153%	-	-	-100%	-100%
1980	Wet	-68%	44%	17%	0%	0%	3%	173%	547%	629%	-	-	-
1981	Dry	-	-	146%	12%	8%	36%	217%	-	-	-	-	-100%
1982	Wet	271%	-56%	3%	0%	0%	0%	59%	-25%	-23%	-68%	-55%	-100%
1983	Wet	-	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-3%	-4%
1984	Above Normal	5%	108%	79%	53%	31%	51%	290%	416%	-	-	-	-
1985	Dry	-	-	135%	8%	4%	31%	204%	-	-	-	-	-100%
1986	Wet	-75%	1%	9%	2%	8%	24%	155%	453%	58%	-	-	-
1987	Critical	-	-	34%	36%	36%	36%	40%	-	-	-	-	-
1988	Critical	-	-	11%	12%	12%	12%	14%	-	-	-	-	-
1989	Critical	-	-	-1%	0%	0%	0%	-1%	-	-	-	-	-
1990	Critical	-	-	-1%	0%	0%	0%	0%	-	-	-	-	-
1991	Critical	-	-	0%	0%	0%	0%	0%	-	-	-	-	-
1992	Critical	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-100%
1993	Wet	-43%	-31%	-28%	-24%	-13%	-17%	-17%	-16%	-70%	-	-	-
1994	Critical	-	-	28%	29%	29%	28%	31%	-	-	-	-100%	-100%
1995	Wet	-100%	0%	0%	0%	0%	0%	12%	0%	249%	421%	552%	204%
1996	Wet	-52%	14%	52%	14%	17%	35%	261%	247%	2383%	-31%	-55%	-63%
1997	Wet	1%	109%	54%	18%	0%	35%	721%	-	-	-	-	-100%
1998	Wet	-100%	0%	0%	0%	0%	0%	21%	0%	27%	59%	98%	52%
1999	Above Normal	-	-	171%	17%	5%	44%	396%	-	-	-	-	-
2000	Above Normal	387%	-100%	-42%	19%	30%	13%	-50%	-100%	-100%	-100%	-100%	-100%
2001	Dry	-	-	32%	33%	33%	32%	35%	-	-	-	-	-
2002	Dry	-	-	-1%	-1%	-1%	-1%	-1%	-	-	-	-	-
2003	Below Normal	-	-	-14%	-16%	-16%	-16%	-17%	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	22	43	60	138	189	174	98	36	6	5	5	29
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	12	15	27	64	82	49	22	15	5	0	0	7
1925	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1926	Dry	32	58	96	158	177	149	63	19	3	3	3	19
1927	Above Normal	26	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1929	Critical	20	24	43	103	133	80	35	24	8	0	0	12
1930	Critical	19	23	42	100	129	77	34	23	8	0	0	11
1931	Critical	7	8	15	36	41	19	26	8	3	0	0	4
1932	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1933	Dry	33	59	98	161	181	152	65	20	3	3	3	20
1934	Critical	17	21	37	89	115	69	30	20	7	0	0	10
1935	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1936	Above Normal	28	47	80	157	188	158	73	24	4	4	4	20
1937	Wet	28	52	86	157	188	158	73	24	4	4	4	20
1938	Wet	17	28	56	129	191	177	100	38	11	6	6	30
1939	Dry	33	59	92	150	169	142	60	18	3	3	3	18
1940	Above Normal	31	52	86	158	188	152	71	21	4	4	3	20
1941	Wet	22	37	60	129	191	177	100	40	12	6	6	30
1942	Wet	22	43	64	138	189	174	98	36	6	5	5	29
1943	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1944	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1945	Above Normal	26	43	64	146	187	170	95	34	5	5	5	20
1946	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1947	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1948	Below Normal	21	31	57	135	174	105	46	31	10	0	0	16
1949	Below Normal	30	55	91	149	168	141	60	18	3	3	3	18
1950	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1951	Above Normal	33	59	98	162	182	153	65	20	3	3	3	20
1952	Wet	20	37	56	129	191	177	100	40	11	6	6	30
1953	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1954	Below Normal	32	58	97	160	179	151	64	19	3	3	3	19
1955	Dry	32	57	95	157	176	148	63	19	3	3	3	19
1956	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1957	Below Normal	37	62	98	158	182	149	65	20	3	3	3	20
1958	Wet	22	37	60	129	191	177	100	40	11	6	6	30
1959	Dry	33	59	98	161	180	152	64	20	3	3	3	20
1960	Critical	18	22	40	95	123	74	32	22	7	0	0	11
1961	Critical	13	15	28	67	86	52	23	15	5	0	0	8
1962	Below Normal	28	47	80	151	191	163	79	27	5	5	5	20
1963	Above Normal	26	43	64	146	187	170	95	33	5	5	5	20
1964	Dry	29	52	87	143	160	135	57	17	3	3	3	17
1965	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1966	Below Normal	37	62	98	162	182	153	65	20	3	3	3	20
1967	Wet	11	19	43	101	185	188	122	64	15	7	7	33
1968	Dry	26	31	56	134	173	104	46	31	10	0	0	15
1969	Wet	17	28	52	115	193	181	104	50	13	7	7	30
1970	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1971	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1972	Dry	30	54	90	148	166	139	59	18	3	3	3	18
1973	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1975	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1976	Critical	20	24	44	105	136	82	36	24	8	0	0	12
1977	Critical	7	9	16	39	50	20	21	9	3	0	0	4
1978	Wet	11	24	47	114	194	184	106	57	14	7	7	30
1979	Above Normal	28	52	86	157	188	158	73	24	4	4	4	20
1980	Wet	17	28	56	129	191	177	100	40	11	6	6	30
1981	Dry	37	62	98	158	182	149	65	20	3	3	3	20
1982	Wet	17	28	52	129	191	177	100	40	11	6	6	30
1983	Wet	3	9	35	101	183	197	130	68	23	9	8	34
1984	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1985	Dry	33	59	98	162	182	153	65	20	3	3	3	20
1986	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1987	Critical	27	48	80	139	179	108	47	32	11	0	0	16
1988	Critical	18	21	39	94	121	73	32	22	7	0	0	11
1989	Critical	21	26	47	111	144	86	38	26	9	0	0	13
1990	Critical	16	19	34	81	105	63	28	19	6	0	0	9
1991	Critical	23	28	50	120	155	93	41	28	9	0	0	14
1992	Critical	19	23	42	101	130	78	34	23	8	0	0	12
1993	Wet	22	37	60	138	189	174	98	36	6	5	5	29
1994	Critical	27	49	81	134	150	126	54	16	3	3	3	16
1995	Wet	3	9	30	101	183	197	130	78	20	7	7	34
1996	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1997	Wet	28	52	86	158	188	152	71	21	4	4	3	20
1998	Wet	9	14	39	101	179	191	124	64	19	9	9	35
1999	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
2000	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
2001	Dry	32	57	96	157	177	149	63	19	3	3	3	19
2002	Dry	29	52	86	142	160	134	57	17	3	3	3	17
2003	Below Normal	33	59	98	162	182	153	65	n/a	n/a	n/a	n/a	n/a

Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 5 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1923	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1924	Critical	25	30	56	134	172	104	45	31	10	0	0	15
1925	Below Normal	31	55	90	147	165	138	59	18	3	3	3	18
1926	Dry	28	51	83	135	151	127	54	16	3	3	3	16
1927	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1928	Below Normal	33	59	97	158	178	149	63	19	3	3	3	19
1929	Critical	21	25	45	108	139	84	37	25	8	0	0	12
1930	Critical	19	23	41	99	128	77	34	23	8	0	0	11
1931	Critical	7	8	15	36	46	19	19	8	3	0	0	4
1932	Above Normal	28	47	80	157	188	158	73	24	4	4	4	20
1933	Dry	29	51	85	139	156	131	56	17	3	3	3	17
1934	Critical	18	21	39	92	119	72	31	21	7	0	0	11
1935	Above Normal	33	56	90	158	188	152	71	21	4	4	3	20
1936	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1937	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1938	Wet	3	5	30	101	183	197	130	66	23	10	10	37
1939	Dry	31	52	86	157	188	158	73	24	4	4	4	20
1940	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1941	Wet	17	28	52	115	193	181	104	52	14	7	7	30
1942	Wet	17	28	52	115	193	181	104	52	12	7	7	30
1943	Wet	22	33	56	129	191	177	100	40	11	6	6	30
1944	Below Normal	31	52	86	157	188	158	73	24	4	4	4	20
1945	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1946	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1947	Dry	31	55	92	149	167	141	60	18	3	3	3	18
1948	Below Normal	27	32	80	132	148	125	53	16	3	3	3	16
1949	Below Normal	29	51	85	139	156	131	56	17	3	3	3	17
1950	Below Normal	30	53	88	143	160	135	57	17	3	3	3	17
1951	Above Normal	28	47	80	151	191	163	79	27	5	5	5	20
1952	Wet	20	33	56	115	193	181	104	52	12	7	7	30
1953	Below Normal	28	47	80	157	188	158	73	24	4	4	4	20
1954	Below Normal	29	51	85	137	154	129	55	17	3	3	3	17
1955	Dry	28	51	84	136	153	129	55	17	3	3	3	17
1956	Wet	17	28	52	115	193	181	104	52	13	7	7	30
1957	Below Normal	28	47	80	151	191	163	79	27	5	5	5	20
1958	Wet	26	43	60	138	189	174	98	36	6	5	5	29
1959	Dry	33	56	90	158	188	152	71	21	4	4	3	20
1960	Critical	19	23	42	101	131	79	34	23	8	0	0	12
1961	Critical	13	15	28	67	86	52	23	15	5	0	0	8
1962	Below Normal	31	52	86	157	188	158	73	24	4	4	4	20
1963	Above Normal	26	43	64	151	191	163	79	27	5	5	5	20
1964	Dry	29	51	86	141	159	134	57	17	3	3	3	17
1965	Wet	26	43	64	146	187	170	95	34	5	5	5	20
1966	Below Normal	33	59	98	162	182	153	65	20	3	3	3	20
1967	Wet	9	14	39	101	179	191	124	73	20	7	7	36
1968	Dry	31	52	86	157	188	158	73	24	4	4	4	20
1969	Wet	3	5	30	101	183	197	130	66	23	11	10	36
1970	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
1971	Below Normal	31	52	86	157	188	158	73	24	4	4	4	20
1972	Dry	29	51	85	139	156	131	56	17	3	3	3	17
1973	Above Normal	31	52	86	157	188	158	73	24	4	4	4	20
1974	Wet	28	47	86	157	188	158	73	24	4	4	4	20
1975	Wet	31	52	86	157	188	158	73	24	4	4	4	20
1976	Critical	29	51	85	138	155	130	55	17	3	3	3	17
1977	Critical	8	10	18	44	57	34	15	10	3	0	0	5
1978	Wet	6	9	35	100	181	194	128	76	21	7	7	36
1979	Above Normal	20	33	56	129	191	177	100	40	11	6	6	30
1980	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1981	Dry	26	43	64	146	187	170	95	34	5	5	5	20
1982	Wet	9	14	39	101	179	191	124	63	20	11	7	31
1983	Wet	3	5	30	101	183	197	130	68	23	9	8	34
1984	Above Normal	9	14	43	101	185	188	122	62	18	10	7	35
1985	Dry	31	52	86	157	188	158	73	24	4	4	4	20
1986	Wet	17	24	47	114	194	184	106	57	14	7	7	30
1987	Critical	33	59	98	162	182	153	65	20	3	3	3	20
1988	Critical	20	24	45	107	138	83	36	25	8	0	0	12
1989	Critical	21	25	46	111	143	86	38	25	8	0	0	13
1990	Critical	15	19	34	81	104	63	28	19	6	0	0	9
1991	Critical	23	27	50	120	155	93	41	28	9	0	0	14
1992	Critical	19	23	42	99	128	77	34	23	8	0	0	11
1993	Wet	28	47	80	151	191	163	79	27	5	5	5	20
1994	Critical	33	59	98	162	182	153	65	20	3	3	3	20
1995	Wet	3	5	30	101	183	197	130	78	23	7	7	36
1996	Wet	6	9	35	100	181	194	128	62	21	11	7	32
1997	Wet	9	14	43	101	185	188	122	64	16	7	7	31
1998	Wet	3	5	30	101	183	197	130	69	23	11	11	37
1999	Above Normal	17	28	52	115	193	181	104	52	12	7	7	30
2000	Above Normal	31	56	90	158	188	152	71	21	4	4	3	20
2001	Dry	37	62	98	158	182	149	65	20	3	3	3	20
2002	Dry	29	51	85	140	158	133	56	17	3	3	3	17
2003	Below Normal	31	56	92	150	169	142	60	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-5	-14	-8	-23	4	7	6	16	7	1	1	1
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	13	16	29	70	90	54	24	16	5	0	0	8
1925	Below Normal	-2	-4	-8	-15	-17	-14	-6	-2	0	0	0	-2
1926	Dry	-4	-7	-13	-23	-26	-22	-9	-3	0	0	0	-3
1927	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	-1	-4	-4	-3	-1	0	0	0	0	0
1929	Critical	1	1	2	5	7	4	2	1	0	0	0	1
1930	Critical	0	0	0	-1	-1	0	0	0	0	0	0	0
1931	Critical	0	0	0	-1	5	0	-6	0	0	0	0	0
1932	Above Normal	3	5	16	10	1	-12	-22	-10	-1	-1	-1	0
1933	Dry	-4	-7	-13	-23	-25	-21	-9	-3	0	0	0	-3
1934	Critical	1	1	1	3	4	3	1	1	0	0	0	0
1935	Above Normal	2	5	4	1	0	-6	-3	-3	0	0	-1	0
1936	Above Normal	0	0	0	-6	3	5	6	3	1	1	1	0
1937	Wet	0	-5	-5	-6	3	5	6	3	1	1	1	0
1938	Wet	-14	-24	-26	-28	-8	20	30	28	11	5	4	7
1939	Dry	-2	-7	-6	6	19	16	13	5	1	1	1	1
1940	Above Normal	0	0	0	-1	0	6	3	3	0	0	1	0
1941	Wet	-5	-9	-8	-14	2	4	3	13	2	1	1	1
1942	Wet	-5	-14	-12	-23	4	7	6	16	7	1	1	1
1943	Wet	-6	-14	-25	-21	0	14	21	13	6	1	1	10
1944	Below Normal	-2	-7	-12	-5	6	6	9	4	1	1	1	0
1945	Above Normal	3	5	16	4	4	-8	-16	-7	0	0	0	0
1946	Above Normal	-3	-5	-5	-6	3	5	6	3	1	1	1	0
1947	Dry	-2	-4	-7	-13	-14	-12	-5	-2	0	0	0	-2
1948	Below Normal	6	1	23	-3	-26	20	7	-15	-8	3	3	1
1949	Below Normal	-2	-3	-6	-11	-12	-10	-4	-1	0	0	0	-1
1950	Below Normal	-3	-6	-10	-19	-21	-18	-8	-2	0	0	0	-2
1951	Above Normal	-5	-12	-18	-11	9	10	15	7	1	1	1	0
1952	Wet	0	-5	0	-14	2	4	3	13	1	1	1	1
1953	Below Normal	-9	-15	-17	-1	6	9	9	4	1	1	1	0
1954	Below Normal	-4	-7	-12	-23	-26	-21	-9	-3	0	0	0	-3
1955	Dry	-4	-7	-11	-21	-23	-19	-8	-3	0	0	0	-3
1956	Wet	-5	-9	-8	-23	4	7	6	16	7	1	1	1
1957	Below Normal	-9	-15	-17	-8	9	14	15	7	1	1	1	0
1958	Wet	3	5	0	9	-2	-3	-3	-3	-6	-1	-1	-1
1959	Dry	0	-3	-8	-2	8	0	6	1	1	1	0	0
1960	Critical	1	1	2	6	8	5	2	1	0	0	0	1
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1963	Above Normal	0	0	0	4	4	-8	-16	-7	0	0	0	0
1964	Dry	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1965	Wet	-3	-5	-16	-4	-4	8	16	7	0	0	0	0
1966	Below Normal	-4	-3	1	0	0	0	0	0	0	0	0	0
1967	Wet	-3	-5	-5	0	-5	3	3	9	5	-1	-1	2
1968	Dry	5	21	29	23	15	54	28	-7	-6	4	4	4
1969	Wet	-14	-24	-22	-14	-10	16	27	16	10	4	3	5
1970	Above Normal	-13	-24	-34	-29	3	25	30	19	7	2	3	10
1971	Below Normal	-2	-7	-12	-5	6	6	9	4	1	1	1	0
1972	Dry	-1	-3	-5	-8	-9	-8	-3	-1	0	0	0	-1
1973	Above Normal	3	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	5	6	-3	-5	-6	-3	-1	-1	-1	0
1975	Wet	3	5	5	6	-3	-5	-6	-3	-1	-1	-1	0
1976	Critical	9	27	40	33	20	49	20	-7	-5	3	3	5
1977	Critical	1	1	2	6	7	14	-6	1	0	0	0	1
1978	Wet	-5	-14	-12	-14	-13	10	21	19	8	0	0	6
1979	Above Normal	-9	-19	-30	-28	3	19	27	16	7	2	2	10
1980	Wet	-14	-24	-26	-28	-8	20	30	38	11	1	1	7
1981	Dry	-11	-20	-33	-12	5	21	30	14	2	1	1	0
1982	Wet	-9	-14	-13	-28	-12	14	24	23	9	5	1	2
1983	Wet	0	-5	-5	0	0	0	0	0	0	0	0	0
1984	Above Normal	-22	-37	-42	-56	-4	29	48	38	14	6	3	15
1985	Dry	-2	-7	-12	-5	6	6	9	4	1	1	1	0
1986	Wet	-9	-19	-17	-32	7	14	11	24	9	2	2	10
1987	Critical	6	11	18	22	2	45	18	-12	-7	3	3	4
1988	Critical	2	3	5	13	17	10	5	3	1	0	0	2
1989	Critical	0	0	0	-1	-1	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	-1	-1	-2	-1	0	0	0	0	0	0
1993	Wet	6	10	21	13	2	-11	-18	-10	-1	-1	-1	-9
1994	Critical	6	10	17	28	31	26	11	3	1	1	1	3
1995	Wet	0	-5	0	0	0	0	0	0	3	-1	-1	3
1996	Wet	-22	-38	-46	-51	-9	31	48	35	16	6	2	12
1997	Wet	-20	-37	-42	-57	-4	36	51	43	12	4	4	11
1998	Wet	-6	-10	-9	0	4	7	6	5	4	2	2	2
1999	Above Normal	-16	-28	-38	-43	5	29	33	31	8	3	3	10
2000	Above Normal	0	5	4	1	0	-6	-3	-3	0	0	-1	0
2001	Dry	5	5	2	1	5	1	2	1	0	0	0	1
2002	Dry	0	0	-1	-2	-2	-2	-1	0	0	0	0	0
2003	Below Normal	-2	-3	-6	-12	-13	-11	-5	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class1 Deliveries (Node D18A_C1 + D18B_C1)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-24%	-34%	-13%	-17%	2%	4%	6%	44%	124%	25%	25%	5%
1923	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	108%	109%	109%	111%	111%	111%	111%	111%	111%	-	-	111%
1925	Below Normal	-7%	-7%	-8%	-9%	-9%	-9%	-9%	-9%	-9%	-9%	-9%	-9%
1926	Dry	-12%	-12%	-13%	-15%	-15%	-15%	-15%	-15%	-15%	-15%	-15%	-15%
1927	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Below Normal	0%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1929	Critical	5%	5%	5%	5%	5%	5%	5%	5%	5%	-	-	5%
1930	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1931	Critical	-3%	-2%	-2%	-2%	13%	0%	-25%	-2%	-2%	-	-	-2%
1932	Above Normal	10%	11%	25%	7%	1%	-7%	-23%	-30%	-19%	-14%	-14%	0%
1933	Dry	-12%	-13%	-13%	-14%	-14%	-14%	-14%	-14%	-14%	-14%	-14%	-14%
1934	Critical	3%	3%	3%	4%	4%	4%	4%	4%	4%	-	-	4%
1935	Above Normal	6%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
1936	Above Normal	0%	0%	0%	-4%	1%	3%	8%	13%	28%	17%	17%	0%
1937	Wet	0%	-9%	-6%	-4%	1%	3%	8%	13%	19%	17%	17%	0%
1938	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	73%	99%	77%	64%	25%
1939	Dry	-6%	-12%	-6%	4%	11%	11%	22%	29%	29%	29%	29%	7%
1940	Above Normal	0%	0%	0%	-1%	0%	4%	4%	12%	0%	0%	20%	0%
1941	Wet	-24%	-25%	-13%	-11%	1%	2%	3%	32%	21%	11%	11%	2%
1942	Wet	-24%	-34%	-19%	-17%	2%	4%	6%	44%	124%	25%	25%	5%
1943	Wet	-21%	-31%	-31%	-14%	0%	9%	26%	49%	137%	29%	29%	50%
1944	Below Normal	-6%	-12%	-13%	-3%	4%	4%	13%	20%	20%	20%	20%	0%
1945	Above Normal	10%	11%	25%	3%	2%	-4%	-16%	-21%	-4%	0%	0%	0%
1946	Above Normal	-9%	-9%	-6%	-4%	1%	3%	8%	13%	19%	17%	17%	0%
1947	Dry	-5%	-6%	-7%	-8%	-8%	-8%	-8%	-8%	-8%	-8%	-8%	-8%
1948	Below Normal	27%	3%	41%	-3%	-15%	19%	15%	-48%	-74%	-	-	3%
1949	Below Normal	-6%	-6%	-6%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%	-7%
1950	Below Normal	-9%	-10%	-11%	-12%	-12%	-12%	-12%	-12%	-12%	-12%	-12%	-12%
1951	Above Normal	-14%	-20%	-18%	-7%	5%	7%	23%	36%	43%	40%	40%	0%
1952	Wet	0%	-12%	0%	-11%	1%	2%	3%	32%	12%	11%	11%	2%
1953	Below Normal	-23%	-24%	-18%	-1%	4%	6%	13%	20%	20%	20%	20%	0%
1954	Below Normal	-11%	-12%	-13%	-14%	-14%	-14%	-14%	-14%	-14%	-14%	-14%	-14%
1955	Dry	-11%	-12%	-12%	-13%	-13%	-13%	-13%	-13%	-13%	-13%	-13%	-13%
1956	Wet	-24%	-25%	-13%	-17%	2%	4%	6%	44%	119%	25%	25%	5%
1957	Below Normal	-23%	-24%	-18%	-5%	5%	9%	23%	36%	43%	40%	40%	0%
1958	Wet	15%	14%	0%	7%	-1%	-2%	-3%	-8%	-50%	-11%	-11%	-2%
1959	Dry	0%	-4%	-8%	-1%	4%	0%	10%	7%	21%	21%	1%	1%
1960	Critical	6%	6%	6%	6%	6%	6%	6%	6%	6%	-	-	6%
1961	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-	-	0%
1962	Below Normal	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1963	Above Normal	0%	0%	0%	3%	2%	-4%	-16%	-20%	-4%	3%	2%	0%
1964	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1965	Wet	-9%	-10%	-20%	-3%	-2%	5%	20%	26%	4%	0%	0%	0%
1966	Below Normal	-11%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-24%	-24%	-11%	0%	-3%	2%	2%	14%	30%	-8%	-8%	7%
1968	Dry	20%	68%	52%	17%	9%	52%	61%	-23%	-62%	-	-	28%
1969	Wet	-85%	-84%	-42%	-12%	-5%	9%	26%	32%	74%	61%	49%	18%
1970	Above Normal	-40%	-42%	-38%	-18%	1%	16%	42%	89%	181%	50%	80%	50%
1971	Below Normal	-6%	-12%	-13%	-3%	4%	4%	13%	20%	20%	20%	20%	0%
1972	Dry	-5%	-5%	-5%	-6%	-6%	-6%	-6%	-6%	-6%	-6%	-6%	-6%
1973	Above Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1975	Wet	9%	10%	7%	4%	-1%	-3%	-8%	-11%	-16%	-14%	-14%	0%
1976	Critical	42%	112%	92%	31%	14%	60%	55%	-30%	-65%	-	-	39%
1977	Critical	12%	12%	13%	14%	14%	68%	-28%	14%	14%	-	-	14%
1978	Wet	-47%	-61%	-26%	-12%	-7%	5%	20%	33%	55%	2%	0%	20%
1979	Above Normal	-30%	-37%	-35%	-18%	1%	12%	37%	68%	181%	50%	50%	50%
1980	Wet	-85%	-84%	-46%	-22%	-4%	11%	30%	97%	104%	13%	11%	24%
1981	Dry	-30%	-32%	-34%	-8%	3%	14%	47%	71%	49%	40%	40%	0%
1982	Wet	-50%	-49%	-25%	-22%	-6%	8%	24%	58%	80%	82%	11%	7%
1983	Wet	0%	-50%	-13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Above Normal	-72%	-72%	-50%	-35%	-2%	19%	66%	161%	361%	142%	74%	75%
1985	Dry	-6%	-12%	-13%	-3%	4%	4%	13%	20%	20%	20%	20%	0%
1986	Wet	-33%	-45%	-27%	-22%	4%	8%	12%	70%	173%	43%	43%	53%
1987	Critical	23%	23%	23%	16%	1%	41%	37%	-38%	-69%	-	-	23%
1988	Critical	13%	14%	14%	14%	14%	14%	14%	14%	14%	-	-	14%
1989	Critical	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1990	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	-	-	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-	0%
1992	Critical	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-	-	-1%
1993	Wet	26%	26%	35%	9%	1%	-6%	-19%	-27%	-15%	-12%	-12%	-32%
1994	Critical	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
1995	Wet	0%	-50%	0%	0%	0%	0%	0%	0%	16%	-11%	-9%	8%
1996	Wet	-79%	-81%	-57%	-34%	-5%	19%	61%	132%	346%	134%	43%	63%
1997	Wet	-70%	-72%	-50%	-36%	-2%	23%	72%	206%	295%	89%	122%	57%
1998	Wet	-69%	-68%	-22%	0%	2%	3%	5%	7%	18%	17%	24%	7%
1999	Above Normal	-48%	-50%	-42%	-27%	2%	19%	47%	150%	215%	67%	100%	53%
2000	Above Normal	0%	9%	5%	1%	0%	-4%	-4%	-11%	0%	0%	-17%	0%
2001	Dry	15%	8%	2%	1%	3%	1%	3%	3%	3%	3%	3%	3%
2002	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
2003	Below Normal	-5%	-6%	-6%	-7%	-7%	-7%	-7%	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	34	90	130	124	100	78	27	0	0	0	0	16
1923	Above Normal	24	62	73	61	53	52	31	7	1	1	1	18
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	2	4	7	12	13	11	4	1	0	0	0	1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	33	73	90	82	67	62	31	6	0	0	0	21
1928	Below Normal	3	6	11	19	21	18	7	2	0	0	0	2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	34	83	113	97	83	65	21	1	1	1	1	22
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	20	47	72	60	53	52	30	7	1	1	1	5
1936	Above Normal	25	66	82	63	56	54	32	7	1	1	1	0
1937	Wet	1	44	63	58	50	50	29	7	1	1	1	18
1938	Wet	0	27	98	168	120	108	53	14	2	7	7	21
1939	Dry	1	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	20	55	64	58	54	50	16	5	0	0	1	10
1941	Wet	37	78	139	153	107	98	52	12	1	7	6	18
1942	Wet	38	89	123	121	99	77	26	0	0	0	0	15
1943	Wet	3	56	85	75	59	55	28	5	0	0	0	19
1944	Below Normal	3	5	8	14	16	13	5	2	0	0	0	0
1945	Above Normal	35	86	119	106	93	74	25	2	1	1	1	24
1946	Above Normal	21	56	64	46	37	38	24	5	0	0	0	16
1947	Dry	1	2	4	6	7	6	2	1	0	0	0	1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	1	2	4	6	7	6	2	1	0	0	0	1
1951	Above Normal	3	5	10	17	19	15	6	2	0	0	0	2
1952	Wet	21	77	98	154	108	96	46	12	1	6	6	18
1953	Below Normal	2	15	20	33	38	31	12	4	1	1	1	4
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	46	101	138	138	114	96	35	3	1	1	1	18
1957	Below Normal	2	15	19	32	37	30	12	3	1	1	1	3
1958	Wet	33	55	137	155	107	94	45	12	1	6	6	18
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	26	71	86	77	62	58	29	5	0	0	0	20
1963	Above Normal	36	87	117	102	89	71	24	1	1	1	1	23
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	31	77	93	87	73	67	34	7	1	1	1	21
1966	Below Normal	1	14	18	18	20	17	7	2	0	0	0	2
1967	Wet	74	44	114	143	119	102	70	52	14	22	22	70
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	19	17	76	128	109	91	62	44	14	19	19	59
1970	Above Normal	9	25	33	42	38	32	10	3	0	0	1	13
1971	Below Normal	4	7	12	21	24	19	8	2	0	0	0	2
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	22	61	66	57	47	47	28	6	1	1	1	17
1974	Wet	30	71	85	75	60	56	28	5	0	0	0	19
1975	Wet	25	72	88	78	63	59	30	6	0	0	0	20
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	38	41	127	137	114	111	76	50	15	21	21	67
1979	Above Normal	21	60	71	54	46	46	28	6	1	1	0	0
1980	Wet	37	66	120	163	119	106	52	14	2	7	7	20
1981	Dry	0	12	14	23	27	22	9	3	0	0	0	3
1982	Wet	49	3	101	164	119	109	57	16	2	2	0	0
1983	Wet	0	46	126	104	104	107	93	59	15	24	26	83
1984	Above Normal	23	58	67	52	44	44	27	6	1	1	1	17
1985	Dry	1	1	3	4	5	4	2	0	0	0	0	0
1986	Wet	0	84	116	102	89	70	23	1	1	1	1	23
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	38	99	135	133	110	90	32	2	1	1	1	18
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	58	90	164	135	104	108	101	63	15	26	26	83
1996	Wet	28	73	88	80	65	60	31	5	0	0	0	15
1997	Wet	27	56	65	58	54	49	16	5	0	0	1	0
1998	Wet	44	20	123	117	122	96	83	55	15	24	24	75
1999	Above Normal	8	26	35	45	41	35	11	4	0	0	1	13
2000	Above Normal	16	58	68	50	41	42	25	4	1	1	1	16
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	3	5	8	14	16	13	5	n/a	n/a	n/a	n/a	n/a

Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 5 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	49	66	112	141	117	104	81	51	15	20	20	62
1923	Above Normal	22	57	66	50	42	42	26	6	1	1	1	16
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	28	71	85	74	59	55	28	5	0	0	0	19
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	27	68	81	63	56	55	32	7	1	1	1	18
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	10	28	38	49	46	39	13	4	0	0	1	2
1936	Above Normal	23	71	88	79	64	59	30	5	0	0	0	0
1937	Wet	1	53	78	82	67	62	31	6	0	0	0	20
1938	Wet	19	73	155	141	111	115	110	63	16	28	28	87
1939	Dry	23	61	71	58	51	50	30	7	1	1	0	1
1940	Above Normal	22	62	73	60	52	52	30	7	1	1	1	13
1941	Wet	48	38	109	138	114	101	93	47	14	21	21	61
1942	Wet	51	67	102	129	108	94	64	44	13	19	12	58
1943	Wet	3	74	113	150	108	98	46	12	1	6	6	18
1944	Below Normal	21	56	64	48	39	40	24	5	1	1	1	10
1945	Above Normal	28	73	88	78	64	59	30	6	0	0	0	20
1946	Above Normal	30	75	90	82	67	62	31	6	0	0	0	20
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	30	75	90	83	68	63	32	6	0	0	0	21
1952	Wet	22	63	107	132	107	95	69	47	13	19	19	58
1953	Below Normal	27	68	81	63	56	55	32	7	1	1	1	18
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	58	69	106	134	113	100	68	46	14	19	19	61
1957	Below Normal	27	69	82	71	55	51	26	5	0	0	0	19
1958	Wet	26	44	127	128	101	88	30	2	0	0	0	16
1959	Dry	9	28	38	49	46	39	13	4	0	0	1	14
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	19	56	64	47	38	39	24	5	0	0	0	16
1963	Above Normal	34	82	111	88	74	68	34	6	1	1	1	22
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	37	88	118	103	90	71	24	1	1	1	1	23
1966	Below Normal	4	6	10	16	18	15	6	2	0	0	0	2
1967	Wet	75	51	126	144	121	95	99	58	15	28	28	76
1968	Dry	22	59	69	54	46	46	28	6	1	1	0	0
1969	Wet	53	56	148	135	111	115	110	63	16	28	28	87
1970	Above Normal	49	92	116	156	113	103	50	14	2	6	6	19
1971	Below Normal	22	58	67	52	44	44	27	6	1	1	1	17
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	17	61	65	58	50	50	29	6	1	1	1	17
1974	Wet	27	68	75	62	55	54	31	7	1	1	1	18
1975	Wet	19	61	72	59	51	50	30	7	1	1	1	18
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	52	66	169	149	117	106	83	63	15	30	30	81
1979	Above Normal	48	94	119	160	116	106	54	15	2	6	0	0
1980	Wet	71	124	179	138	108	112	112	63	15	31	31	86
1981	Dry	35	84	113	96	82	64	21	0	1	1	1	22
1982	Wet	68	26	154	144	120	94	78	54	14	19	5	28
1983	Wet	2	55	137	110	111	115	99	63	16	26	28	87
1984	Above Normal	78	98	138	147	124	108	97	53	15	23	25	72
1985	Dry	22	58	67	51	43	43	26	6	1	1	1	0
1986	Wet	20	73	119	133	108	106	86	53	14	20	20	64
1987	Critical	3	6	10	16	18	15	6	2	0	0	0	2
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	24	74	90	80	66	61	31	6	0	0	0	20
1994	Critical	3	4	7	11	12	10	4	1	0	0	0	1
1995	Wet	62	99	170	141	111	115	115	67	16	32	32	87
1996	Wet	76	102	162	147	116	104	106	58	15	12	0	75
1997	Wet	80	98	138	147	124	107	96	63	15	23	23	35
1998	Wet	59	40	152	113	111	115	107	63	16	28	28	87
1999	Above Normal	57	67	101	126	106	90	61	43	13	19	19	58
2000	Above Normal	18	32	44	59	54	51	17	5	0	0	1	15
2001	Dry	4	18	24	37	43	35	14	4	1	1	1	4
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	15	-24	-18	16	17	25	54	51	14	19	19	46
1923	Above Normal	-2	-4	-7	-10	-11	-10	-5	-1	0	0	0	-2
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	-2	-4	-7	-12	-13	-11	-4	-1	0	0	0	-1
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	-6	-2	-5	-7	-8	-7	-3	-1	0	0	0	-1
1928	Below Normal	-3	-6	-11	-19	-21	-18	-7	-2	0	0	0	-2
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	-7	-15	-32	-33	-27	-10	11	7	0	0	0	-4
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	-10	-19	-34	-11	-7	-14	-18	-3	0	0	0	-4
1936	Above Normal	-2	5	7	16	8	5	-2	-2	-1	0	0	0
1937	Wet	0	9	15	24	17	12	2	-1	0	0	0	3
1938	Wet	19	46	57	-27	-9	7	57	49	14	21	21	67
1939	Dry	22	61	71	58	50	50	29	7	1	1	0	1
1940	Above Normal	2	7	10	1	-2	1	14	2	0	0	0	3
1941	Wet	12	-40	-30	-15	7	3	41	34	13	15	14	43
1942	Wet	14	-22	-21	8	9	17	38	44	13	18	12	43
1943	Wet	0	18	28	76	49	43	18	7	1	6	6	-1
1944	Below Normal	18	51	56	33	22	26	19	4	0	0	0	10
1945	Above Normal	-8	-13	-31	-28	-30	-15	4	4	0	0	0	-4
1946	Above Normal	10	19	26	36	30	24	8	1	0	0	0	5
1947	Dry	-1	-2	-4	-6	-7	-6	-2	-1	0	0	0	-1
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	-1	-2	-4	-6	-7	-6	-2	-1	0	0	0	-1
1951	Above Normal	27	69	81	66	49	47	26	4	0	0	0	19
1952	Wet	1	-14	8	-22	-1	-1	23	35	12	13	13	40
1953	Below Normal	25	53	61	31	18	25	20	4	0	0	0	15
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	12	-32	-32	-3	-1	5	33	44	13	19	19	42
1957	Below Normal	26	54	62	39	18	22	14	1	0	0	0	15
1958	Wet	-8	-10	-11	-27	-6	-6	-15	-10	-1	-6	-6	-2
1959	Dry	9	28	38	49	46	39	12	4	0	0	1	14
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	-7	-16	-22	-30	-24	-18	-5	0	0	0	0	-4
1963	Above Normal	-2	-5	-7	-15	-15	-2	11	5	0	0	0	-1
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	6	11	25	16	17	4	-10	-5	0	0	0	2
1966	Below Normal	2	-8	-7	-2	-2	-2	-1	0	0	0	0	0
1967	Wet	1	7	12	1	2	-7	29	6	0	6	6	6
1968	Dry	22	59	69	54	46	46	28	6	1	1	0	0
1969	Wet	34	39	73	6	2	25	48	19	2	9	9	28
1970	Above Normal	41	68	83	114	75	71	40	10	2	6	5	6
1971	Below Normal	18	51	55	31	20	25	19	4	0	0	0	14
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	-5	0	-1	1	3	2	1	0	0	0	0	0
1974	Wet	-4	-3	-10	-13	-5	-2	3	2	1	1	1	-1
1975	Wet	-6	-11	-15	-20	-12	-8	0	1	0	0	0	-2
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	14	25	41	12	3	-6	7	13	1	9	9	14
1979	Above Normal	28	34	49	106	70	60	26	9	1	6	0	0
1980	Wet	34	58	59	-25	-11	5	60	49	13	25	25	66
1981	Dry	34	72	98	72	55	42	12	-2	0	0	0	19
1982	Wet	20	23	53	-20	1	-14	21	38	12	17	5	28
1983	Wet	2	9	11	6	7	8	6	4	1	1	1	4
1984	Above Normal	55	40	71	95	80	63	70	47	14	22	24	56
1985	Dry	21	56	64	47	38	39	25	5	1	1	1	0
1986	Wet	19	-11	3	31	20	36	63	52	13	20	20	41
1987	Critical	3	6	10	16	18	15	6	2	0	0	0	2
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	-14	-25	-46	-53	-44	-29	-1	4	0	0	0	3
1994	Critical	3	4	7	11	12	10	4	1	0	0	0	1
1995	Wet	4	9	6	5	7	8	14	4	1	5	5	4
1996	Wet	48	30	73	68	51	44	76	52	15	12	0	60
1997	Wet	53	41	72	89	70	58	80	58	15	23	22	35
1998	Wet	15	20	29	-4	-10	19	24	8	1	4	4	12
1999	Above Normal	49	41	66	82	65	55	51	40	13	18	18	45
2000	Above Normal	2	-27	-24	9	13	9	-9	1	-1	0	0	-1
2001	Dry	4	18	24	37	43	35	14	4	1	1	1	4
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	-3	-5	-8	-14	-16	-13	-5	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Class2 Deliveries (Node D18A_C2 + D18B_C2)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	45%	-27%	-14%	13%	17%	32%	204%	45332%	4282%	5866%	5866%	293%
1923	Above Normal	-8%	-7%	-9%	-17%	-22%	-19%	-16%	-20%	-27%	-27%	-27%	-9%
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-17%	-3%	-6%	-9%	-12%	-12%	-11%	-17%	-36%	-33%	-34%	-6%
1928	Below Normal	-97%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1932	Above Normal	-21%	-17%	-28%	-34%	-32%	-15%	52%	1204%	31%	31%	31%	-17%
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-51%	-41%	-47%	-19%	-14%	-26%	-59%	-44%	-66%	-66%	28%	-69%
1936	Above Normal	-7%	8%	8%	25%	15%	9%	-5%	-27%	-71%	-45%	-48%	-
1937	Wet	0%	21%	24%	41%	33%	25%	7%	-9%	-46%	-46%	-46%	15%
1938	Wet	-	167%	58%	-16%	-7%	7%	108%	348%	671%	315%	315%	323%
1939	Dry	2840%	12849%	47041%	19690%	15024%	18124%	26938%	21142%	-	-	-	-
1940	Above Normal	9%	12%	15%	2%	-4%	3%	86%	36%	81%	81%	-30%	26%
1941	Wet	33%	-51%	-21%	-10%	7%	3%	78%	277%	947%	224%	224%	240%
1942	Wet	36%	-25%	-17%	7%	9%	22%	148%	17684%	4686%	6547%	-	280%
1943	Wet	0%	32%	33%	102%	82%	77%	64%	147%	401%	2052%	2052%	-6%
1944	Below Normal	711%	1104%	677%	230%	136%	195%	358%	241%	98%	98%	98%	-
1945	Above Normal	-21%	-15%	-26%	-26%	-32%	-21%	18%	222%	-58%	-58%	-58%	-16%
1946	Above Normal	47%	34%	40%	77%	81%	62%	32%	18%	-13%	-13%	-13%	30%
1947	Dry	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-	-100%	-100%	-100%
1951	Above Normal	896%	1284%	844%	399%	262%	307%	419%	243%	47%	47%	47%	1052%
1952	Wet	5%	-18%	9%	-14%	-1%	-1%	51%	288%	854%	211%	211%	221%
1953	Below Normal	1195%	346%	307%	94%	49%	80%	158%	107%	39%	39%	39%	414%
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1956	Wet	26%	-32%	-23%	-3%	0%	5%	97%	1675%	2091%	2907%	2907%	231%
1957	Below Normal	1358%	361%	324%	122%	49%	73%	119%	29%	-66%	-66%	-66%	434%
1958	Wet	-23%	-19%	-8%	-17%	-6%	-6%	-33%	-82%	-77%	-95%	-95%	-13%
1959	Dry	12731%	27233%	180287%	120091%	99009%	101983%	83043%	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-28%	-22%	-25%	-39%	-38%	-32%	-17%	-3%	55%	55%	55%	-20%
1963	Above Normal	-5%	-5%	-6%	-14%	-17%	-3%	45%	405%	-28%	-28%	-27%	-5%
1964	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1965	Wet	19%	15%	27%	18%	23%	5%	-30%	-81%	44%	44%	44%	9%
1966	Below Normal	155%	-56%	-43%	-12%	-12%	-12%	-12%	-12%	-12%	-	-12%	-12%
1967	Wet	1%	15%	11%	1%	2%	-7%	41%	11%	1%	25%	26%	8%
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	175%	227%	96%	5%	2%	27%	77%	44%	16%	46%	46%	48%
1970	Above Normal	463%	276%	250%	273%	198%	219%	401%	314%	1405%	5579%	716%	50%
1971	Below Normal	487%	765%	465%	151%	85%	128%	246%	164%	62%	62%	62%	645%
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-21%	-1%	-1%	2%	5%	5%	3%	5%	5%	5%	4%	1%
1974	Wet	-13%	-4%	-12%	-17%	-8%	-3%	11%	43%	182%	182%	182%	-6%
1975	Wet	-24%	-15%	-17%	-25%	-19%	-14%	0%	22%	119%	119%	119%	-11%
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1978	Wet	37%	62%	32%	8%	3%	-5%	10%	25%	4%	41%	41%	21%
1979	Above Normal	133%	56%	69%	195%	150%	129%	95%	148%	180%	884%	-	-
1980	Wet	91%	89%	49%	-15%	-9%	5%	117%	356%	674%	374%	376%	324%
1981	Dry	8509%	605%	683%	311%	203%	195%	133%	-82%	45%	45%	45%	760%
1982	Wet	40%	744%	52%	-12%	1%	-13%	37%	244%	630%	722%	-	-
1983	Wet	-	19%	8%	5%	7%	7%	6%	7%	8%	5%	4%	5%
1984	Above Normal	238%	70%	107%	180%	182%	142%	262%	798%	2367%	3655%	3998%	334%
1985	Dry	2523%	3806%	2510%	1129%	802%	1011%	1595%	1188%	682%	682%	682%	-
1986	Wet	4678%	-14%	3%	30%	22%	51%	268%	4427%	1770%	2654%	2654%	180%
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1993	Wet	-37%	-25%	-34%	-40%	-40%	-32%	-4%	230%	-32%	-32%	-32%	14%
1994	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1995	Wet	6%	10%	4%	4%	7%	7%	13%	6%	8%	20%	20%	5%
1996	Wet	174%	41%	83%	85%	78%	73%	248%	983%	3830%	-	-	402%
1997	Wet	194%	73%	111%	154%	130%	118%	501%	1158%	3638%	5595%	2065%	-
1998	Wet	34%	97%	23%	-4%	-8%	20%	29%	15%	7%	16%	16%	16%
1999	Above Normal	594%	161%	190%	183%	160%	158%	462%	1109%	8264%	11556%	2179%	342%
2000	Above Normal	14%	-46%	-35%	19%	32%	21%	-34%	39%	-55%	-51%	37%	-7%
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-100%	-100%	-100%	-100%	-100%	-100%	-100%	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	76	79	67	0	0	0	0	0	0	35	26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	19	0	82	21	0	0	0	0	0	0	0	0
1937	Wet	0	12	10	83	0	0	0	0	0	21	72	67
1938	Wet	0	0	12	34	31	0	0	0	0	0	0	6
1939	Dry	14	60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	18	46	0	0	0	0	0	0	0	0
1941	Wet	33	64	9	42	0	0	0	0	0	0	20	58
1942	Wet	0	0	76	66	0	0	0	0	0	0	0	67
1943	Wet	0	0	74	14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	2
1945	Above Normal	0	0	0	4	0	0	0	0	0	30	68	10
1946	Above Normal	0	0	16	0	0	0	0	0	0	0	0	10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	74	74	69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	24
1952	Wet	0	0	12	47	0	0	0	0	0	0	18	12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1956	Wet	48	0	0	40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	12	46	0	0	0	0	0	0	0	0
1959	Dry	0	5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	70	69
1965	Wet	0	0	0	0	0	0	0	0	0	0	29	12
1966	Below Normal	0	0	54	0	0	0	0	0	0	0	3	68
1967	Wet	69	0	8	71	38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	12	0	40	0	0	0	0	0	38	7
1970	Above Normal	27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	83	0	0	0	0	0	0	74	29
1974	Wet	49	0	86	83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	2
1978	Wet	0	0	11	71	33	0	0	0	0	0	35	13
1979	Above Normal	40	0	63	51	0	0	0	0	0	0	0	0
1980	Wet	0	0	86	38	11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	69
1982	Wet	74	0	86	38	0	0	0	78	71	0	0	0
1983	Wet	0	0	0	0	53	0	0	0	46	0	74	0
1984	Above Normal	32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	2
1986	Wet	0	78	80	77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	5
1993	Wet	10	76	71	51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	10	69
1995	Wet	0	71	1	71	53	0	0	0	0	0	0	0
1996	Wet	0	70	68	74	0	0	0	0	0	0	0	0
1997	Wet	77	0	43	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	5	0	40	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 5 (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	71	46	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1945	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	46	0	0	0	0	0	0	0
1970	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1979	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	46	0	0	0	17	0	74	0
1984	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	78	53	0	0	0	0	0	0	0	0
1997	Wet	42	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	37	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	0	-76	-79	-67	0	0	0	0	0	0	-35	-26
1923	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Above Normal	0	0	0	-62	0	0	0	0	0	0	0	0
1928	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1932	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1933	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1935	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Above Normal	-19	0	-82	-21	0	0	0	0	0	0	0	0
1937	Wet	0	-12	-10	-83	0	0	0	0	0	-21	-72	-67
1938	Wet	0	0	-12	38	16	0	0	0	0	0	0	-6
1939	Dry	-14	-60	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	-18	-46	0	0	0	0	0	0	0	0
1941	Wet	-33	-64	-9	-42	0	0	0	0	0	0	-20	-58
1942	Wet	0	0	-76	-66	0	0	0	0	0	0	0	-67
1943	Wet	0	0	-74	-14	0	0	0	0	0	0	0	0
1944	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1945	Above Normal	0	0	0	-4	0	0	0	0	0	-30	-68	-10
1946	Above Normal	0	0	-16	0	0	0	0	0	0	0	0	-10
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	-74	-74	-69
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-24
1952	Wet	0	0	-12	-47	0	0	0	0	0	0	-18	-12
1953	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1954	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1956	Wet	-48	0	0	-40	0	0	0	0	0	0	0	0
1957	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	-12	-46	0	0	0	0	0	0	0	0
1959	Dry	0	-5	0	0	0	0	0	0	0	0	0	0
1960	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1961	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	-42
1963	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	-70	-69
1965	Wet	0	0	0	0	0	0	0	0	0	0	-29	-12
1966	Below Normal	0	0	-54	0	0	0	0	0	0	0	-3	-68
1967	Wet	-69	0	-8	-71	-38	0	0	0	0	0	0	0
1968	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	-12	0	7	0	0	0	0	0	-38	-7
1970	Above Normal	-27	0	0	0	0	0	0	0	0	0	0	0
1971	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1972	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	-83	0	0	0	0	0	0	-74	-29
1974	Wet	-49	0	-86	-83	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	-33	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	-2
1978	Wet	0	0	-11	-71	-33	0	0	0	0	0	-35	-13
1979	Above Normal	-40	0	-63	-51	0	0	0	0	0	0	0	0
1980	Wet	0	0	-86	-38	-11	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	-69
1982	Wet	-74	0	-86	-38	0	0	0	-78	-71	0	0	0
1983	Wet	0	0	0	0	-7	0	0	0	-29	0	0	0
1984	Above Normal	-32	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1986	Wet	0	-78	-80	-77	0	0	0	0	0	0	0	0
1987	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	-5
1993	Wet	-10	-76	-71	-51	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	-10	-69
1995	Wet	0	-71	-1	-71	-53	0	0	0	0	0	0	0
1996	Wet	0	-70	11	-21	0	0	0	0	0	0	0	0
1997	Wet	-35	0	-43	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	-5	0	-4	0	0	0	0	0	0	0
1999	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	-32	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Below Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated Section 215 Deliveries (Node D18A_215 + D18B_215)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1923	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1924	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1925	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1926	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1927	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
1928	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1929	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1930	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1931	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1932	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1933	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1934	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1935	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1936	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1937	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%	-100%
1938	Wet	-	-	-100%	111%	51%	-	-	-	-	-	-	-100%
1939	Dry	-100%	-100%	-	-	-	-	-	-	-	-	-	-
1940	Above Normal	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1941	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1942	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-100%
1943	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1944	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1945	Above Normal	-	-	-	-100%	-	-	-	-	-	-100%	-100%	-100%
1946	Above Normal	-	-	-100%	-	-	-	-	-	-	-	-	-100%
1947	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1948	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1949	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1950	Below Normal	-	-	-	-	-	-	-	-	-	-100%	-100%	-100%
1951	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1952	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-100%	-100%
1953	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1954	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1955	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1956	Wet	-100%	-	-	-100%	-	-	-	-	-	-	-	-
1957	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1958	Wet	-	-	-100%	-100%	-	-	-	-	-	-	-	-
1959	Dry	-	-100%	-	-	-	-	-	-	-	-	-	-
1960	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1961	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1962	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-100%
1963	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
1964	Dry	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1965	Wet	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1966	Below Normal	-100%	-	-100%	-	-	-	-	-	-	-	-100%	-100%
1967	Wet	-100%	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1968	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1969	Wet	-	-	-100%	-	17%	-	-	-	-	-	-100%	-100%
1970	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1971	Below Normal	-	-	-	-	-	-	-	-	-	-	-	-
1972	Dry	-	-	-	-	-	-	-	-	-	-	-	-
1973	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-100%	-100%
1974	Wet	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1975	Wet	-	-	-	-100%	-	-	-	-	-	-	-	-
1976	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1977	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1978	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-100%	-100%
1979	Above Normal	-100%	-	-100%	-100%	-	-	-	-	-	-	-	-
1980	Wet	-	-	-100%	-100%	-100%	-	-	-	-	-	-	-
1981	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1982	Wet	-100%	-	-100%	-100%	-	-	-	-100%	-100%	-	-	-
1983	Wet	-	-	-	-	-13%	-	-	-	-63%	-	0%	-
1984	Above Normal	-100%	-	-	-	-	-	-	-	-	-	-	-
1985	Dry	-	-	-	-	-	-	-	-	-	-	-	-100%
1986	Wet	-	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1987	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1988	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1989	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1990	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1991	Critical	-	-	-	-	-	-	-	-	-	-	-	-
1992	Critical	-	-	-	-	-	-	-	-	-	-	-	-100%
1993	Wet	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-	-
1994	Critical	-	-	-	-	-	-	-	-	-	-	-100%	-100%
1995	Wet	-	-100%	-100%	-100%	-100%	-	-	-	-	-	-	-
1996	Wet	-	-100%	16%	-29%	-	-	-	-	-	-	-	-
1997	Wet	-45%	-	-100%	-	-	-	-	-	-	-	-	-
1998	Wet	-	-	-100%	-	-9%	-	-	-	-	-	-	-
1999	Above Normal	-	-	-	-	-	-	-	-	-	-	-	-
2000	Above Normal	-	-	-	-100%	-	-	-	-	-	-	-	-
2001	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2002	Dry	-	-	-	-	-	-	-	-	-	-	-	-
2003	Below Normal	-	-	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,832	3,756	5,158	7,749	8,667	7,129	4,147	3,140	1,959	1,629	2,042	2,677
1923	Below Normal	2,223	2,743	3,870	5,628	6,119	5,272	3,491	2,723	1,614	1,176	1,313	1,725
1924	Critical	1,365	1,581	2,201	3,031	3,143	2,942	2,313	1,848	1,056	652	563	822
1925	Dry	2,110	2,630	4,125	6,049	6,625	5,640	3,620	2,805	1,681	1,265	1,457	1,963
1926	Dry	1,816	2,129	2,982	4,154	4,348	3,990	3,057	2,448	1,397	882	815	1,167
1927	Wet	2,310	2,953	4,149	6,088	6,671	5,674	3,632	2,813	1,688	1,273	1,470	1,911
1928	Above Normal	2,015	2,660	3,747	5,424	5,874	5,095	3,433	2,686	1,586	1,137	1,245	1,700
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,124	2,974	4,142	4,333	3,979	3,053	2,445	1,395	879	811	1,162
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,499	1,761	2,452	3,440	3,634	3,302	2,446	1,933	1,128	745	707	994
1933	Critical	1,298	1,496	2,083	2,837	2,911	2,771	2,251	1,808	1,021	608	496	741
1934	Critical	1,394	1,619	2,255	3,118	3,247	3,018	2,342	1,866	1,071	672	594	859
1935	Below Normal	1,506	1,713	3,225	4,551	4,824	4,339	3,185	2,529	1,467	972	954	1,288
1936	Below Normal	2,150	2,596	3,647	5,256	5,672	4,950	3,385	2,656	1,563	1,105	1,189	1,630
1937	Below Normal	1,698	2,457	3,477	4,973	5,332	4,705	3,305	2,605	1,525	1,052	1,094	1,511
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,878	2,400	3,365	4,785	5,106	4,063	3,251	2,572	1,499	1,016	1,032	1,383
1940	Above Normal	2,093	2,732	3,884	5,652	6,148	5,293	3,498	2,727	1,618	1,181	1,321	1,796
1941	Wet	2,649	3,533	4,900	7,318	8,148	6,755	4,025	3,063	1,899	1,547	1,899	2,496
1942	Wet	2,822	3,752	5,189	7,801	8,729	6,491	4,162	3,150	1,966	1,639	2,060	2,699
1943	Wet	2,812	3,505	4,930	7,368	8,209	6,799	4,039	3,072	1,906	1,556	1,916	2,431
1944	Dry	1,889	2,228	3,120	4,381	4,620	4,189	3,130	2,495	1,437	933	894	1,262
1945	Below Normal	2,168	3,141	4,416	6,525	7,196	6,059	3,774	2,903	1,766	1,373	1,624	2,163
1946	Below Normal	2,476	3,141	4,385	6,473	7,134	6,014	3,757	2,893	1,757	1,361	1,606	2,141
1947	Dry	1,985	2,640	3,711	5,363	5,801	5,043	3,416	2,676	1,578	1,126	1,224	1,617
1948	Below Normal	1,632	2,440	3,378	4,807	5,132	4,561	3,258	2,576	1,502	1,020	1,039	1,441
1949	Dry	1,972	3,043	4,239	6,235	6,848	5,804	3,680	2,844	1,714	1,307	1,522	2,041
1950	Below Normal	1,895	2,395	3,358	4,773	5,091	4,532	3,248	2,569	1,497	1,014	1,028	1,427
1951	Above Normal	2,541	3,141	4,405	6,505	7,173	6,042	3,768	2,899	1,762	1,368	1,617	2,081
1952	Wet	2,981	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1953	Wet	2,122	2,678	3,760	5,445	5,899	5,114	3,439	2,690	1,589	1,141	1,252	1,709
1954	Above Normal	2,145	2,684	3,751	5,430	5,881	4,955	3,435	2,688	1,587	1,138	1,247	1,703
1955	Dry	2,065	2,475	3,472	4,965	5,322	4,698	3,302	2,604	1,523	1,050	1,092	1,456
1956	Wet	2,979	3,680	5,012	7,505	8,374	6,412	4,078	3,097	1,925	1,583	1,961	2,575
1957	Above Normal	2,042	2,478	3,470	4,960	5,316	4,693	3,301	2,603	1,523	1,049	1,090	1,506
1958	Wet	2,830	3,763	5,518	8,350	9,390	7,650	4,318	3,249	2,041	1,743	2,243	2,930
1959	Below Normal	2,006	2,484	3,507	5,023	5,392	4,748	3,319	2,614	1,531	1,061	1,111	1,479
1960	Dry	1,810	2,429	3,406	4,854	5,189	3,558	3,271	2,584	1,508	1,029	1,055	1,461
1961	Dry	2,011	2,816	3,921	5,662	6,223	3,520	3,515	2,739	1,626	1,192	1,341	1,822
1962	Below Normal	2,124	2,694	3,794	5,501	5,966	5,162	3,455	2,700	1,597	1,152	1,270	1,733
1963	Wet	2,234	2,828	3,963	5,784	6,307	5,408	3,535	2,751	1,636	1,206	1,365	1,788
1964	Dry	2,109	2,538	3,563	5,117	5,504	4,829	3,346	2,631	1,544	1,079	1,142	1,571
1965	Wet	2,189	2,651	4,919	7,349	8,186	5,849	4,034	3,069	1,904	1,553	1,909	2,509
1966	Below Normal	2,251	2,790	3,901	5,681	6,183	5,318	3,506	2,733	1,622	1,186	1,330	1,808
1967	Wet	3,050	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,540	3,582	5,148	5,542	4,856	3,354	2,637	1,549	1,085	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,456	3,141	4,379	6,464	7,124	5,870	3,755	2,891	1,755	1,359	1,603	2,138
1971	Wet	1,979	2,492	3,495	5,003	5,367	4,730	3,313	2,611	1,529	1,057	1,104	1,471
1972	Below Normal	2,215	2,667	3,718	5,375	5,815	5,053	3,419	2,678	1,580	1,128	1,228	1,680
1973	Above Normal	2,295	2,974	4,171	6,124	6,716	5,707	3,644	2,821	1,695	1,282	1,483	1,995
1974	Wet	2,812	3,742	5,129	7,700	8,608	5,771	4,133	3,132	1,952	1,619	2,026	2,657
1975	Wet	2,455	3,250	4,406	6,507	7,175	5,054	3,768	2,900	1,763	1,369	1,618	2,081
1976	Critical	1,639	1,891	2,650	3,613	3,698	3,513	2,881	2,336	1,301	759	625	940
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,604	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1979	Below Normal	2,045	2,852	4,016	5,870	6,411	5,483	3,562	2,768	1,650	1,224	1,394	1,823
1980	Above Normal	2,835	3,543	4,985	7,461	8,320	6,879	4,065	3,089	1,919	1,574	1,946	2,556
1981	Dry	2,110	2,618	3,720	5,378	5,819	4,580	3,420	2,678	1,580	1,129	1,229	1,681
1982	Wet	3,031	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,141	4,417	6,526	7,197	6,060	3,774	2,904	1,766	1,373	1,624	2,163
1985	Dry	2,326	2,890	4,087	5,987	6,551	5,586	3,600	2,792	1,670	1,251	1,435	1,937
1986	Wet	2,277	3,114	4,380	6,465	7,125	6,007	3,755	2,891	1,755	1,359	1,603	2,138
1987	Dry	1,506	2,221	3,110	4,364	4,600	4,175	3,125	2,491	1,434	930	889	1,212
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,422	3,397	4,839	5,170	4,589	3,267	2,581	1,506	1,026	1,050	1,455
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,733	2,413	3,377	3,558	3,246	2,426	1,920	1,117	730	685	934
1992	Critical	1,518	1,897	2,642	3,750	4,005	3,575	2,547	1,997	1,183	815	815	1,124
1993	Above Normal	2,249	3,255	4,372	6,452	7,108	4,897	3,750	2,888	1,753	1,356	1,598	2,132
1994	Critical	2,170	2,674	3,731	5,305	5,953	3,038	3,081	2,336	1,452	1,178	1,427	1,883
1995	Wet	2,827	3,822	5,353	8,074	9,058	7,411	4,240	3,199	2,003	1,691	2,151	2,717
1996	Wet	2,527	3,456	4,721	7,023	7,794	5,157	3,936	3,007	1,854	1,486	1,798	2,372
1997	Wet	2,797	3,483	4,898	7,315	8,145	6,192	4,024	3,062	1,899	1,546	1,898	2,495
1998	Wet	2,955	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1999	Wet	2,245	2,956	4,135	6,065	6,644	5,654	3,625	2,808	1,684	1,268	1,462	1,902
2000	Above Normal	2,214	2,909	4,065	5,951	6,507	5,554	3,588	2,785	1,664	1,242	1,423	1,922
2001	Dry	2,031	2,476	3,474	4,968	5,325	4,700	3,303	2,604	1,524	1,051	1,093	1,509
2002	Dry	2,153	2,603	3,618	5,208	5,614	4,908	3,371	2,648	1,557	1,096	1,173	1,610
2003	Above Normal	2,275	2,862	3,989	5,827	6,358	5,445	3,548	n/a	n/a	n/a	n/a	n/a

Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	2,911	3,837	5,286	7,974	8,935	6,985	4,186	3,179	1,985	1,680	2,053	2,777
1923	Below Normal	2,302	2,821	3,998	5,854	6,390	5,451	3,527	2,762	1,640	1,229	1,405	1,822
1924	Critical	1,366	1,581	2,202	3,032	3,144	2,943	2,314	1,848	1,056	652	564	823
1925	Dry	2,204	2,727	4,285	6,330	6,961	5,865	3,670	2,853	1,715	1,329	1,569	2,087
1926	Dry	1,908	2,224	3,135	4,425	4,671	4,205	3,104	2,494	1,428	943	923	1,286
1927	Wet	2,398	3,044	4,296	6,346	6,980	5,881	3,678	2,857	1,719	1,332	1,573	2,021
1928	Above Normal	2,107	2,754	3,900	5,692	6,195	5,309	3,480	2,732	1,618	1,198	1,352	1,819
1929	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1930	Dry	1,691	2,123	2,973	4,141	4,332	3,978	3,052	2,445	1,394	879	810	1,161
1931	Critical	1,385	1,607	2,238	3,091	3,215	2,995	2,333	1,861	1,066	665	584	818
1932	Dry	1,586	1,851	2,598	3,696	3,939	3,506	2,491	1,976	1,158	803	809	1,107
1933	Critical	1,394	1,595	2,243	3,118	3,246	2,995	2,300	1,856	1,054	672	608	865
1934	Critical	1,392	1,617	2,252	3,112	3,241	3,014	2,340	1,865	1,070	670	592	856
1935	Below Normal	1,594	1,804	3,371	4,808	5,132	4,544	3,230	2,573	1,497	1,030	1,056	1,397
1936	Below Normal	2,237	2,686	3,792	5,511	5,977	5,153	3,430	2,700	1,593	1,164	1,188	1,629
1937	Below Normal	1,783	2,455	3,498	5,227	5,635	4,907	3,349	2,649	1,554	1,051	1,093	1,510
1938	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1939	Dry	1,847	2,371	3,340	4,757	5,070	3,397	3,214	2,563	1,488	1,019	1,039	1,377
1940	Above Normal	2,207	2,861	4,086	6,001	6,566	5,578	3,569	2,788	1,661	1,257	1,351	1,846
1941	Wet	2,740	3,607	5,021	7,532	8,404	6,491	4,060	3,099	1,924	1,597	1,890	2,591
1942	Wet	2,901	3,830	5,173	8,027	8,999	6,675	4,199	3,188	1,992	1,691	2,051	2,799
1943	Wet	2,891	3,583	5,058	7,595	8,479	6,977	4,076	3,110	1,932	1,609	2,008	2,528
1944	Dry	1,984	2,328	3,280	4,659	4,952	4,413	3,182	2,543	1,471	997	1,004	1,385
1945	Below Normal	2,246	3,206	4,527	6,724	7,434	6,213	3,801	2,935	1,786	1,418	1,706	2,252
1946	Below Normal	2,554	3,232	4,531	6,730	7,442	6,219	3,803	2,937	1,787	1,420	1,708	2,255
1947	Dry	2,079	2,744	3,877	5,653	6,148	5,275	3,468	2,725	1,613	1,191	1,339	1,741
1948	Below Normal	1,632	2,439	3,376	4,804	5,129	4,558	3,257	2,575	1,501	1,020	1,038	1,440
1949	Dry	2,018	3,088	4,312	6,364	7,003	5,907	3,702	2,865	1,729	1,336	1,574	2,098
1950	Below Normal	1,990	2,494	3,516	5,052	5,425	4,754	3,297	2,617	1,530	1,014	1,028	1,550
1951	Above Normal	2,629	3,232	4,551	6,763	7,480	6,247	3,813	2,943	1,793	1,427	1,719	2,102
1952	Wet	3,068	3,946	5,559	8,418	9,472	7,709	4,337	3,261	2,050	1,756	2,265	2,959
1953	Wet	2,089	2,720	3,835	5,584	6,064	5,216	3,451	2,713	1,603	1,177	1,315	1,773
1954	Above Normal	2,248	2,794	3,927	5,737	6,248	5,186	3,491	2,740	1,624	1,207	1,367	1,838
1955	Dry	2,153	2,564	3,617	5,220	5,627	4,900	3,346	2,647	1,553	1,109	1,194	1,452
1956	Wet	2,979	3,680	5,151	7,750	8,666	6,607	4,121	3,138	1,954	1,638	2,059	2,683
1957	Above Normal	2,130	2,569	3,616	5,217	5,623	4,898	3,346	2,647	1,553	1,108	1,193	1,619
1958	Wet	2,918	3,853	5,373	8,107	9,097	7,439	4,249	3,205	2,008	1,697	2,162	2,828
1959	Below Normal	2,021	2,597	3,685	5,332	5,762	4,998	3,379	2,668	1,569	1,130	1,231	1,610
1960	Dry	1,808	2,427	3,403	4,850	5,183	3,514	3,270	2,583	1,508	1,028	1,053	1,459
1961	Dry	2,011	2,815	3,920	5,661	6,221	3,515	3,515	2,738	1,626	1,192	1,341	1,822
1962	Below Normal	2,212	2,786	3,941	5,759	6,275	5,368	3,500	2,744	1,627	1,211	1,373	1,847
1963	Wet	2,317	2,911	4,099	6,023	6,592	5,597	3,575	2,792	1,664	1,261	1,461	1,890
1964	Dry	2,129	2,559	3,597	5,176	5,575	4,876	3,356	2,641	1,551	1,092	1,165	1,597
1965	Wet	2,253	2,709	5,020	7,532	8,403	5,691	4,058	3,099	1,924	1,597	1,987	2,591
1966	Below Normal	2,340	2,881	4,049	5,941	6,493	5,525	3,551	2,777	1,652	1,245	1,434	1,923
1967	Wet	3,111	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1968	Below Normal	2,043	2,630	3,728	5,405	5,849	5,061	3,400	2,681	1,579	1,143	1,153	1,584
1969	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1970	Wet	2,463	3,232	4,526	6,722	7,431	6,079	3,800	2,935	1,785	1,418	1,705	2,251
1971	Wet	2,067	2,582	3,641	5,260	5,675	4,935	3,358	2,655	1,559	1,116	1,207	1,581
1972	Below Normal	2,261	2,714	3,794	5,508	5,974	5,159	3,442	2,700	1,595	1,158	1,281	1,739
1973	Above Normal	2,383	3,065	4,318	6,382	7,023	5,912	3,690	2,865	1,725	1,340	1,586	2,108
1974	Wet	2,871	3,786	5,207	7,844	8,779	5,707	4,147	3,155	1,967	1,657	2,091	2,723
1975	Wet	2,550	3,351	4,566	6,788	7,511	5,276	3,821	2,949	1,797	1,433	1,728	2,200
1976	Critical	1,734	1,989	2,808	3,891	4,031	3,734	2,929	2,383	1,333	822	736	1,062
1977	Critical	1,346	1,555	2,165	2,925	3,071	2,889	2,294	1,836	1,045	638	542	797
1978	Above Normal	2,573	3,946	5,501	8,322	9,356	6,984	4,310	3,244	2,037	1,738	2,233	2,918
1979	Below Normal	2,010	2,766	3,908	5,705	6,210	5,321	3,485	2,735	1,620	1,200	1,253	1,652
1980	Above Normal	2,837	3,547	5,107	7,674	8,576	7,050	4,104	3,125	1,944	1,622	2,031	2,650
1981	Dry	2,186	2,709	3,867	5,636	6,128	4,736	3,466	2,722	1,611	1,187	1,332	1,795
1982	Wet	3,083	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,964
1983	Wet	3,122	3,946	5,567	8,431	9,487	7,720	4,341	3,263	2,052	1,758	2,270	2,862
1984	Wet	2,543	3,214	4,534	6,731	7,443	6,224	3,811	2,939	1,790	1,420	1,706	2,254
1985	Dry	2,414	2,981	4,234	6,245	6,859	5,791	3,645	2,836	1,701	1,309	1,538	2,051
1986	Wet	2,260	3,113	4,380	6,699	7,404	6,193	3,796	2,931	1,783	1,413	1,696	2,241
1987	Dry	1,596	2,306	3,249	4,610	4,893	4,369	3,165	2,532	1,462	986	987	1,317
1988	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1989	Dry	1,506	2,418	3,391	4,829	5,158	4,580	3,264	2,579	1,505	1,024	1,046	1,451
1990	Critical	1,506	1,713	2,402	3,208	3,212	3,156	2,749	2,252	1,229	666	483	770
1991	Critical	1,469	1,732	2,412	3,374	3,555	3,244	2,425	1,919	1,116	730	684	933
1992	Critical	1,517	1,889	2,631	3,733	3,985	3,560	2,541	1,993	1,180	811	810	1,117
1993	Above Normal	2,331	3,334	4,502	6,682	7,384	5,082	3,787	2,927	1,778	1,409	1,691	2,235
1994	Critical	2,264	2,773	3,889	5,580	6,294	3,245	3,132	2,384	1,485	1,241	1,536	2,005
1995	Wet	2,872	3,722	5,177	7,986	8,950	7,320	4,192	3,181	1,987	1,682	2,135	2,685
1996	Wet	2,617	3,447	4,723	7,040	7,813	5,182	3,911	3,003	1,845	1,490	1,732	2,293
1997	Wet	2,867	3,556	5,015	7,521	8,391	6,251	4,060	3,098	1,923	1,593	1,980	2,586
1998	Wet	2,981	3,904	5,486	8,297	9,326	7,604	4,303	3,239	2,034	1,733	2,225	2,908
1999	Wet	2,250	3,052	4,288	6,334	6,965	5,870	3,675	2,855	1,717	1,329	1,569	2,016
2000	Above Normal	2,301	2,998	4,210	6,205	6,812	5,757	3,632	2,828	1,694	1,300	1,524	2,034
2001	Dry	2,119	2,567	3,621	5,226	5,634	4,906	3,349	2,648	1,554	1,109	1,195	1,623
2002	Dry	2,175	2,626	3,655	5,272	5,691	4,959	3,383	2,659	1,564	1,111	1,198	1,638
2003	Above Normal	2,368	2,958	4,143	6,098	6,683	5,661	3,595	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	79	80	128	225	269	-144	39	38	26	52	11	99
1923	Below Normal	79	78	128	227	271	179	37	38	26	53	92	97
1924	Critical	1	1	1	2	2	1	1	0	0	0	1	1
1925	Dry	94	97	160	281	336	224	50	48	33	64	112	124
1926	Dry	92	95	154	270	323	215	47	46	32	62	108	119
1927	Wet	88	91	147	259	309	206	46	44	31	59	103	110
1928	Above Normal	92	95	153	269	321	214	47	46	32	61	107	119
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	-1	-1	-1	-2	-2	-1	-1	0	0	0	-1	-1
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	87	90	145	255	305	203	45	44	30	58	102	113
1933	Critical	96	99	160	281	336	224	50	48	33	64	112	124
1934	Critical	-2	-2	-3	-6	-7	-5	-2	-1	-1	-1	-2	-2
1935	Below Normal	88	91	146	257	307	205	45	44	30	59	102	110
1936	Below Normal	87	90	145	255	305	203	45	44	30	58	-1	-1
1937	Below Normal	86	-2	20	253	303	202	44	43	30	-1	-1	-2
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	-32	-29	-25	-28	-36	-667	-37	-8	-10	3	7	-6
1940	Above Normal	114	129	201	349	418	285	72	60	43	76	31	50
1941	Wet	91	74	121	214	256	-264	35	36	25	50	-9	95
1942	Wet	79	78	-16	226	270	184	37	38	26	52	-9	100
1943	Wet	79	78	128	227	271	179	37	38	26	53	92	97
1944	Dry	95	100	159	278	333	223	52	48	34	63	110	122
1945	Below Normal	77	65	111	199	237	154	26	32	20	45	82	89
1946	Below Normal	78	91	146	257	307	205	45	44	30	59	102	113
1947	Dry	93	103	166	290	347	232	53	50	34	65	115	123
1948	Below Normal	0	-1	-2	-3	-4	-3	-1	-1	0	-1	-1	-1
1949	Dry	46	45	73	129	154	102	22	22	15	29	52	57
1950	Below Normal	95	98	159	279	333	222	49	48	33	0	0	123
1951	Above Normal	88	91	146	257	307	205	45	44	30	59	102	21
1952	Wet	87	0	-8	-13	-15	-11	-4	-2	-2	-2	-4	-5
1953	Wet	-34	42	75	139	165	102	12	23	14	36	63	64
1954	Above Normal	103	110	175	307	367	231	57	53	37	69	121	135
1955	Dry	88	90	145	255	305	203	44	44	30	58	102	-4
1956	Wet	0	0	139	244	292	195	43	42	29	56	97	108
1957	Above Normal	88	91	146	257	307	205	45	44	30	59	102	113
1958	Wet	88	91	-146	-243	-292	-211	-69	-44	-33	-46	-81	-102
1959	Below Normal	15	112	178	309	370	250	60	53	37	68	120	131
1960	Dry	-2	-2	-3	-5	-6	-43	-1	-1	-1	-1	-2	-2
1961	Dry	-1	-1	-1	-2	-2	-5	-1	0	0	0	-1	-1
1962	Below Normal	88	91	147	259	309	206	46	44	30	59	103	114
1963	Wet	83	83	135	239	285	189	40	41	28	55	96	102
1964	Dry	20	21	34	59	70	47	11	10	7	13	23	26
1965	Wet	64	57	102	182	217	-158	24	30	20	44	78	82
1966	Below Normal	89	91	148	260	311	207	45	44	31	59	104	115
1967	Wet	62	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	91	146	257	307	205	45	44	30	59	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	7	91	146	257	307	208	45	44	30	59	102	113
1971	Wet	88	91	146	257	307	205	45	44	30	59	102	110
1972	Below Normal	45	47	76	133	159	106	23	23	16	30	53	59
1973	Above Normal	88	91	146	257	307	205	45	44	30	59	102	113
1974	Wet	59	44	79	144	171	-64	13	24	15	37	65	66
1975	Wet	95	101	161	281	336	222	53	49	34	64	111	119
1976	Critical	95	98	158	278	332	221	48	47	32	63	111	123
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-31	0	-65	-109	-131	-736	-31	-20	-15	-21	-36	-46
1979	Below Normal	-36	-86	-108	-166	-201	-162	-77	-33	-30	-24	-142	-171
1980	Above Normal	2	3	122	214	256	171	39	37	25	48	85	94
1981	Dry	76	91	147	258	309	156	46	44	30	59	103	114
1982	Wet	51	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	73	117	206	246	164	36	35	24	47	82	91
1985	Dry	88	91	146	257	308	205	45	44	30	59	103	113
1986	Wet	-17	0	0	234	279	186	41	40	27	53	93	103
1987	Dry	90	85	139	246	294	194	41	41	28	56	99	105
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-4	-6	-10	-12	-9	-3	-2	-1	-2	-3	-4
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	-1	-2	-3	-3	-2	-1	-1	0	-1	-1	-1
1992	Critical	-1	-7	-10	-17	-20	-15	-5	-3	-3	-4	-6	-7
1993	Above Normal	82	79	130	231	276	185	37	38	26	53	93	102
1994	Critical	94	99	158	275	341	207	50	48	33	63	110	122
1995	Wet	45	-100	-176	-88	-108	-91	-47	-18	-16	-9	-16	-32
1996	Wet	90	-9	1	17	19	25	-25	-4	-9	4	-66	-79
1997	Wet	70	73	117	206	247	59	36	35	24	47	82	91
1998	Wet	26	-43	-80	-134	-161	-116	-38	-24	-18	-25	-45	-56
1999	Wet	5	96	154	269	321	215	50	46	33	61	106	114
2000	Above Normal	87	90	145	255	304	203	45	43	30	58	102	112
2001	Dry	88	91	147	258	308	206	46	44	30	59	103	114
2002	Dry	22	23	37	64	77	51	11	11	8	15	26	28
2003	Above Normal	93	96	154	271	324	216	47	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP South of Delta Deliveries (Node DEL_CVP_TOTAL_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3%	2%	2%	3%	3%	-2%	1%	1%	1%	3%	1%	4%
1923	Below Normal	4%	3%	3%	4%	4%	3%	1%	1%	2%	4%	7%	6%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	4%	4%	4%	5%	5%	4%	1%	2%	2%	5%	8%	6%
1926	Dry	5%	4%	5%	7%	7%	5%	2%	2%	2%	7%	13%	10%
1927	Wet	4%	3%	4%	4%	5%	4%	1%	2%	2%	5%	7%	6%
1928	Above Normal	5%	4%	4%	5%	5%	4%	1%	2%	2%	5%	9%	7%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	6%	5%	6%	7%	8%	6%	2%	2%	3%	8%	14%	11%
1933	Critical	7%	7%	8%	10%	12%	8%	2%	3%	3%	11%	23%	17%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	6%	5%	5%	6%	6%	5%	1%	2%	2%	6%	11%	9%
1936	Below Normal	4%	3%	4%	5%	5%	4%	1%	2%	2%	5%	0%	0%
1937	Below Normal	5%	0%	1%	5%	6%	4%	1%	2%	2%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	-2%	-1%	-1%	-1%	-1%	-16%	-1%	0%	-1%	0%	1%	0%
1940	Above Normal	5%	5%	5%	6%	7%	5%	2%	2%	3%	6%	2%	3%
1941	Wet	3%	2%	2%	3%	3%	-4%	1%	1%	1%	3%	0%	4%
1942	Wet	3%	2%	0%	3%	3%	3%	1%	1%	1%	3%	0%	4%
1943	Wet	3%	2%	3%	3%	3%	3%	1%	1%	1%	3%	5%	4%
1944	Dry	5%	4%	5%	6%	7%	5%	2%	2%	2%	7%	12%	10%
1945	Below Normal	4%	2%	3%	3%	3%	3%	1%	1%	1%	3%	5%	4%
1946	Below Normal	3%	3%	3%	4%	4%	3%	1%	2%	2%	4%	6%	5%
1947	Dry	5%	4%	4%	5%	6%	5%	2%	2%	2%	6%	9%	8%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	2%	1%	2%	2%	2%	2%	1%	1%	1%	2%	3%	3%
1950	Below Normal	5%	4%	5%	6%	7%	5%	2%	2%	2%	0%	0%	9%
1951	Above Normal	3%	3%	3%	4%	4%	3%	1%	2%	2%	4%	6%	1%
1952	Wet	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-2%	2%	2%	3%	3%	2%	0%	1%	1%	3%	5%	4%
1954	Above Normal	5%	4%	5%	6%	6%	5%	2%	2%	2%	6%	10%	8%
1955	Dry	4%	4%	4%	5%	6%	4%	1%	2%	2%	6%	9%	0%
1956	Wet	0%	0%	3%	3%	3%	3%	1%	1%	1%	4%	5%	4%
1957	Above Normal	4%	4%	4%	5%	6%	4%	1%	2%	2%	6%	9%	8%
1958	Wet	3%	2%	-3%	-3%	-3%	-3%	-2%	-1%	-2%	-3%	-4%	-3%
1959	Below Normal	1%	5%	5%	6%	7%	5%	2%	2%	2%	6%	11%	9%
1960	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	4%	3%	4%	5%	5%	4%	1%	2%	2%	5%	8%	7%
1963	Wet	4%	3%	3%	4%	5%	3%	1%	1%	2%	5%	7%	6%
1964	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	2%	2%
1965	Wet	3%	2%	2%	2%	3%	-3%	1%	1%	1%	3%	4%	3%
1966	Below Normal	4%	3%	4%	5%	5%	4%	1%	2%	2%	5%	8%	6%
1967	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	4%	4%	5%	6%	4%	1%	2%	2%	5%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	3%	3%	4%	4%	4%	1%	2%	2%	4%	6%	5%
1971	Wet	4%	4%	4%	5%	6%	4%	1%	2%	2%	6%	9%	7%
1972	Below Normal	2%	2%	2%	2%	3%	2%	1%	1%	1%	3%	4%	3%
1973	Above Normal	4%	3%	4%	4%	5%	4%	1%	2%	2%	5%	7%	6%
1974	Wet	2%	1%	2%	2%	2%	-1%	0%	1%	1%	2%	3%	2%
1975	Wet	4%	3%	4%	4%	5%	4%	1%	2%	2%	5%	7%	6%
1976	Critical	6%	5%	6%	8%	9%	6%	2%	2%	2%	8%	18%	13%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	-1%	-1%	-1%	-10%	-1%	-1%	-1%	-1%	-2%	-2%
1979	Below Normal	-2%	-3%	-3%	-3%	-3%	-3%	-2%	-1%	-2%	-2%	-10%	-9%
1980	Above Normal	0%	0%	2%	3%	3%	2%	1%	1%	1%	3%	4%	4%
1981	Dry	4%	3%	4%	5%	5%	3%	1%	2%	2%	5%	8%	7%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	2%	3%	3%	3%	3%	1%	1%	1%	3%	5%	4%
1985	Dry	4%	3%	4%	4%	5%	4%	1%	2%	2%	5%	7%	6%
1986	Wet	-1%	0%	0%	4%	4%	3%	1%	1%	2%	4%	6%	5%
1987	Dry	6%	4%	4%	6%	6%	5%	1%	2%	2%	6%	11%	9%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	-1%
1993	Above Normal	4%	2%	3%	4%	4%	4%	1%	1%	1%	4%	6%	5%
1994	Critical	4%	4%	4%	5%	6%	7%	2%	2%	2%	5%	8%	6%
1995	Wet	2%	-3%	-3%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1996	Wet	4%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	-4%	-3%
1997	Wet	3%	2%	2%	3%	3%	1%	1%	1%	1%	3%	4%	4%
1998	Wet	1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-2%
1999	Wet	0%	3%	4%	4%	5%	4%	1%	2%	2%	5%	7%	6%
2000	Above Normal	4%	3%	4%	4%	5%	4%	1%	2%	2%	5%	7%	6%
2001	Dry	4%	4%	4%	5%	6%	4%	1%	2%	2%	6%	9%	8%
2002	Dry	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%	2%	2%
2003	Above Normal	4%	3%	4%	5%	5%	4%	1%	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,415	5,380	5,294	3,930	3,301	3,111	3,042	2,765	3,166
1923	Below Normal	2,625	2,797	3,862	5,357	5,739	5,292	3,646	2,824	2,520	2,196	352	503
1924	Critical	789	1,398	1,938	2,868	2,979	2,486	1,663	1,060	860	707	319	485
1925	Dry	1,271	3,176	4,161	5,895	6,439	5,872	4,050	3,085	2,719	2,251	320	617
1926	Dry	1,195	1,945	3,416	4,830	5,276	4,814	3,333	2,537	2,233	1,847	447	2,092
1927	Wet	3,839	4,094	4,783	5,730	5,623	5,596	4,222	3,599	3,423	3,390	409	1,121
1928	Above Normal	1,232	4,641	5,337	6,345	6,228	6,203	4,728	4,052	3,866	3,823	311	423
1929	Critical	540	1,302	2,132	3,131	3,244	2,711	654	1,288	1,446	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	306	574
1931	Critical	856	1,754	2,367	3,502	3,633	3,035	2,025	1,294	1,051	866	415	786
1932	Dry	1,258	2,382	3,138	4,474	4,874	4,406	3,030	2,274	1,991	1,650	309	799
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	523
1934	Critical	902	2,037	2,745	4,054	4,207	2,776	439	2,570	2,136	1,682	322	793
1935	Below Normal	1,232	4,090	4,876	6,121	6,227	6,018	4,439	3,668	3,418	3,236	323	790
1936	Below Normal	3,944	4,454	5,262	6,281	6,163	6,137	4,653	3,977	3,789	3,749	359	704
1937	Below Normal	1,634	5,502	6,322	7,512	7,370	7,346	5,599	4,801	4,585	4,534	529	3,957
1938	Wet	4,204	5,762	6,647	7,964	7,809	7,779	5,852	5,002	4,761	4,723	383	940
1939	Dry	1,484	3,188	4,185	3,629	6,802	4,025	4,475	1,599	1,260	3,733	303	481
1940	Above Normal	1,550	3,117	4,192	5,206	6,503	6,100	4,250	3,241	2,864	2,364	1,369	3,409
1941	Wet	3,745	4,602	5,332	6,410	6,287	6,258	4,694	3,995	3,796	3,766	2,469	3,217
1942	Wet	3,023	3,223	4,020	5,316	5,540	5,232	3,702	2,958	2,697	2,471	2,313	3,466
1943	Wet	3,500	5,107	5,904	7,097	6,961	6,930	5,194	4,422	1,278	5,309	296	388
1944	Dry	892	2,312	3,069	4,425	4,722	4,155	2,835	2,009	1,718	1,427	560	789
1945	Below Normal	3,876	4,437	5,120	6,116	6,002	5,976	4,525	3,865	3,681	3,642	2,787	3,603
1946	Below Normal	3,331	3,392	4,178	5,174	5,155	5,056	3,704	3,087	2,897	2,828	426	826
1947	Dry	1,646	4,620	5,314	6,319	6,202	6,178	4,706	4,032	3,848	3,805	315	414
1948	Below Normal	525	1,746	2,249	2,640	6,189	5,710	4,135	3,176	2,843	2,343	524	747
1949	Dry	1,071	3,549	4,514	6,166	6,600	4,781	4,717	3,593	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,828	3,715
1951	Above Normal	3,596	3,934	4,767	5,763	5,654	5,622	4,184	3,545	3,360	3,339	2,559	3,732
1952	Wet	3,667	4,387	6,109	7,346	7,203	7,172	5,373	4,574	4,346	4,316	2,525	1,236
1953	Wet	1,441	2,621	3,564	3,581	5,897	5,362	3,726	2,825	2,496	2,063	523	2,296
1954	Above Normal	1,714	2,995	4,010	5,549	6,186	5,747	3,951	2,999	2,638	2,182	477	888
1955	Dry	1,400	2,705	3,555	5,051	5,523	5,020	3,457	2,625	2,309	1,911	2,534	4,119
1956	Wet	4,165	4,640	5,392	6,512	6,386	6,355	4,732	4,015	3,809	3,785	536	810
1957	Above Normal	2,063	3,104	4,146	4,893	6,572	6,082	4,235	3,222	2,850	2,354	422	3,845
1958	Wet	3,819	5,774	6,657	7,969	7,815	7,786	5,864	5,016	2,585	5,288	564	954
1959	Below Normal	1,442	2,637	3,468	2,104	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,026	3,595	4,572	5,447	6,843	5,550	4,751	3,726	3,360	2,898	310	550
1961	Dry	798	2,746	3,599	4,885	5,605	4,557	2,541	699	3,001	3,219	321	436
1962	Below Normal	1,424	2,921	3,882	2,833	6,567	6,015	4,266	3,259	2,896	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,149	5,256	5,322	5,150	3,727	3,062	2,846	2,722	690	3,767
1964	Dry	2,526	3,705	4,404	5,503	5,562	5,404	3,962	3,280	3,062	2,938	1,621	3,450
1965	Wet	3,292	3,482	4,194	4,388	5,626	5,419	3,965	3,254	3,022	2,856	2,598	3,200
1966	Below Normal	2,676	2,893	3,891	5,362	5,725	5,295	3,663	2,849	2,549	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,767	7,738	5,821	4,973	4,733	4,695	423	1,142
1968	Below Normal	1,478	2,693	3,541	2,477	6,051	5,521	3,905	2,973	2,628	2,168	2,446	3,987
1969	Wet	4,197	5,551	6,417	7,720	7,569	7,538	5,640	4,802	4,564	4,533	2,782	3,643
1970	Wet	3,598	3,946	4,681	5,661	5,554	5,522	4,109	3,481	3,299	3,278	2,573	3,240
1971	Wet	2,522	2,912	3,944	5,395	5,734	5,324	3,698	2,891	2,596	2,297	986	3,033
1972	Below Normal	2,893	3,052	3,947	5,519	5,957	5,466	3,770	2,900	2,576	2,205	463	3,940
1973	Above Normal	3,799	4,148	4,956	5,958	5,845	5,815	4,366	3,713	3,527	3,498	2,791	4,147
1974	Wet	3,980	4,395	5,099	6,165	6,047	6,015	4,473	3,791	3,594	3,573	1,558	1,352
1975	Wet	3,744	4,203	4,858	5,824	5,714	5,687	4,284	3,652	3,474	3,442	430	783
1976	Critical	1,342	3,053	4,006	5,208	6,309	4,820	4,290	3,266	2,897	2,087	312	425
1977	Critical	520	967	455	79	205	176	1,317	551	2,238	3,025	303	912
1978	Above Normal	3,373	3,770	4,699	5,830	5,869	5,719	4,234	3,528	3,306	3,177	518	804
1979	Below Normal	3,966	4,328	5,025	6,004	5,891	5,865	4,441	3,792	3,611	3,573	482	4,224
1980	Above Normal	4,349	5,710	6,590	7,903	7,749	7,719	5,801	4,954	4,168	4,979	510	812
1981	Dry	1,275	2,780	3,755	2,713	6,374	5,831	4,131	3,151	2,795	2,307	2,275	3,522
1982	Wet	3,816	5,656	6,532	7,844	7,692	7,662	5,745	4,900	4,660	4,626	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,434	5,547	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,755	5,646	5,614	4,173	3,534	3,349	3,329	2,645	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,684	5,742	6,611	7,876	7,733	7,696	5,827	5,012	2,513	5,268	302	410
1987	Dry	501	1,331	1,797	2,649	2,750	2,298	1,546	990	804	660	323	651
1988	Critical	526	1,004	1,426	2,110	2,195	1,829	1,231	783	632	518	450	715
1989	Dry	776	4,039	4,897	6,192	6,330	5,942	4,520	3,720	3,456	3,249	308	466
1990	Critical	681	1,534	2,070	3,057	3,173	2,651	1,776	1,135	923	759	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,399	1,888	2,784	2,890	2,374	1,642	862	744	989	327	3,446
1993	Above Normal	3,331	3,391	4,189	3,808	6,086	5,770	4,184	3,368	3,087	2,809	496	807
1994	Critical	1,557	3,065	4,024	4,654	6,468	3,278	3,234	1,001	2,459	3,861	316	2,662
1995	Wet	2,188	5,263	6,061	7,232	7,094	7,068	5,356	4,580	2,901	3,970	1,775	1,816
1996	Wet	3,311	3,992	4,618	5,547	5,443	5,415	4,071	3,464	3,293	3,264	2,589	3,758
1997	Wet	3,836	4,720	5,467	6,591	6,464	6,434	4,802	4,079	3,872	3,847	525	3,389
1998	Wet	3,607	4,281	5,010	6,016	5,902	5,873	4,416	3,758	3,571	3,540	3,007	3,698
1999	Wet	3,581	3,918	4,742	5,736	5,627	5,595	4,161	3,524	3,340	3,320	528	2,481
2000	Above Normal	2,541	3,544	4,411	5,731	5,932	5,644	4,060	3,281	3,013	2,785	300	467
2001	Dry	865	2,089	2,808	4,130	4,302	3,633	2,437	1,591	1,307	1,081	417	918
2002	Dry	1,392	4,434	5,100	6,065	5,953	4,762	4,840	1,939	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	3,444	3,775	4,422	5,415	5,380	5,294	3,930	3,301	3,111	3,042	2,765	3,161
1923	Below Normal	2,604	2,793	3,859	5,360	5,746	5,295	3,647	2,822	2,516	2,190	352	504
1924	Critical	790	1,399	1,939	2,869	2,980	2,487	1,663	1,061	860	707	319	485
1925	Dry	1,270	3,178	4,164	5,898	6,443	5,875	4,053	3,087	2,720	2,253	320	616
1926	Dry	1,194	1,942	3,413	4,827	5,273	4,811	3,330	2,536	2,232	1,846	447	2,090
1927	Wet	3,839	4,095	4,783	5,730	5,623	5,596	4,222	3,599	3,423	3,390	409	1,118
1928	Above Normal	1,232	4,642	5,337	6,345	6,228	6,203	4,728	4,052	3,867	3,824	311	423
1929	Critical	540	1,302	2,131	3,130	3,242	2,710	653	1,288	1,445	1,284	310	590
1930	Dry	781	2,240	2,987	4,334	4,590	3,990	2,709	1,872	1,582	1,314	307	574
1931	Critical	856	1,754	2,366	3,500	3,632	3,033	2,025	1,293	1,051	865	415	786
1932	Dry	1,257	2,382	3,138	4,474	4,873	4,406	3,029	2,274	1,991	1,649	309	798
1933	Critical	1,031	2,088	2,991	4,334	4,612	4,033	2,741	1,918	1,629	1,354	317	632
1934	Critical	1,036	2,178	2,911	4,245	4,482	3,715	456	2,612	2,313	1,868	321	787
1935	Below Normal	1,219	3,953	4,797	6,146	6,334	6,056	4,414	3,598	3,322	3,088	328	790
1936	Below Normal	3,946	4,453	5,262	6,280	6,162	6,137	4,652	3,976	3,789	3,749	358	705
1937	Below Normal	1,633	5,502	6,322	7,512	7,370	7,346	5,599	4,801	4,585	4,534	466	3,841
1938	Wet	4,082	5,793	6,681	7,982	7,848	7,817	5,879	5,038	4,796	4,757	534	806
1939	Dry	1,135	2,702	3,549	1,335	6,573	4,269	3,911	1,685	1,247	3,727	303	483
1940	Above Normal	1,551	3,118	4,193	5,212	6,500	6,101	4,251	3,242	2,865	2,365	1,368	3,409
1941	Wet	3,725	4,580	5,307	6,379	6,258	6,228	4,672	3,976	3,777	3,748	2,471	3,221
1942	Wet	3,010	3,222	4,019	5,317	5,542	5,233	3,703	2,957	2,696	2,469	2,312	3,432
1943	Wet	3,470	5,081	5,873	7,061	6,925	6,895	5,167	4,399	1,044	5,523	296	388
1944	Dry	897	2,311	3,069	4,424	4,721	4,155	2,835	2,008	1,717	1,427	560	788
1945	Below Normal	3,823	4,443	5,126	6,123	6,008	5,982	4,531	3,870	3,686	3,647	2,784	3,599
1946	Below Normal	3,327	3,356	4,156	5,181	5,185	5,067	3,697	3,069	2,872	2,788	427	832
1947	Dry	1,644	4,633	5,329	6,337	6,220	6,195	4,720	4,044	3,859	3,816	316	414
1948	Below Normal	525	1,746	2,268	2,640	6,194	5,713	4,142	3,179	2,845	2,336	522	744
1949	Dry	1,068	3,526	4,497	6,166	6,614	4,758	4,717	3,592	2,083	2,437	323	439
1950	Below Normal	886	2,852	3,737	2,008	6,596	6,006	4,186	3,179	2,813	2,323	2,788	3,719
1951	Above Normal	3,600	3,938	4,770	5,766	5,657	5,626	4,187	3,548	3,363	3,342	2,560	3,726
1952	Wet	3,661	4,380	5,217	6,295	6,174	6,143	4,583	3,890	3,691	3,667	2,890	3,105
1953	Wet	2,270	2,748	3,801	5,374	5,821	5,316	3,629	2,773	2,452	2,086	503	2,933
1954	Above Normal	1,887	2,984	4,015	5,738	6,277	5,701	3,897	2,953	2,594	2,147	463	915
1955	Dry	1,438	2,772	3,642	5,174	5,657	5,143	3,541	2,689	2,365	1,958	2,453	4,064
1956	Wet	4,178	4,653	5,404	6,524	6,398	6,367	4,743	4,025	3,819	3,795	538	810
1957	Above Normal	2,006	3,104	4,144	4,853	6,572	6,088	4,242	3,227	2,855	2,357	421	3,843
1958	Wet	3,816	5,771	6,654	7,966	7,811	7,782	5,862	5,013	2,550	5,284	564	952
1959	Below Normal	1,442	2,637	3,468	2,103	6,066	5,524	3,866	2,933	2,590	2,139	305	400
1960	Dry	1,022	3,597	4,573	5,450	6,843	5,560	4,748	3,724	3,358	2,897	310	551
1961	Dry	798	2,746	3,599	4,886	5,605	4,555	2,542	698	2,999	3,216	321	436
1962	Below Normal	1,425	2,920	3,882	2,833	6,567	6,015	4,266	3,259	2,895	2,391	2,658	3,394
1963	Wet	3,196	3,282	4,150	5,256	5,322	5,150	3,727	3,063	2,846	2,722	694	3,767
1964	Dry	2,527	3,705	4,404	5,502	5,560	5,402	3,962	3,281	3,062	2,939	1,622	3,449
1965	Wet	3,291	3,481	4,193	4,384	5,628	5,421	3,965	3,254	3,021	2,855	2,599	3,201
1966	Below Normal	2,678	2,893	3,891	5,362	5,724	5,295	3,663	2,849	2,550	2,237	429	4,234
1967	Wet	4,091	5,730	6,610	7,922	7,768	7,738	5,821	4,974	4,360	4,913	420	1,084
1968	Below Normal	1,481	2,705	3,556	2,504	6,070	5,539	3,919	2,984	2,639	2,177	2,436	3,942
1969	Wet	4,202	5,555	6,422	7,726	7,575	7,544	5,645	4,806	4,568	4,537	2,701	3,538
1970	Wet	3,486	3,978	4,616	5,581	5,476	5,445	4,053	3,433	3,255	3,233	2,590	3,265
1971	Wet	2,622	2,938	3,960	5,378	5,692	5,304	3,697	2,903	2,616	2,333	1,004	2,993
1972	Below Normal	2,894	3,065	3,958	5,524	5,956	5,469	3,776	2,909	2,585	2,218	462	3,940
1973	Above Normal	3,799	4,148	4,954	5,956	5,843	5,813	4,364	3,712	3,525	3,496	2,791	4,137
1974	Wet	3,970	4,382	5,084	6,148	6,030	5,998	4,460	3,780	3,584	3,562	1,586	1,366
1975	Wet	3,740	4,201	4,855	5,822	5,712	5,685	4,282	3,650	3,472	3,440	429	783
1976	Critical	1,345	3,059	4,013	5,224	6,319	4,820	4,300	3,273	2,904	2,056	312	425
1977	Critical	520	967	453	79	205	176	1,316	551	2,237	3,021	303	912
1978	Above Normal	3,126	3,608	4,573	5,891	6,077	5,804	4,205	3,419	3,151	2,927	521	806
1979	Below Normal	3,794	4,143	4,810	5,748	5,641	5,615	4,252	3,629	3,456	3,418	1,713	4,081
1980	Above Normal	4,246	4,725	5,651	6,806	6,675	6,644	4,967	4,223	4,010	3,982	456	1,823
1981	Dry	2,106	3,069	4,180	5,485	6,487	5,930	4,108	3,146	2,785	2,338	2,286	3,528
1982	Wet	3,813	5,655	6,531	7,843	7,690	7,660	5,744	4,899	4,659	4,625	3,176	4,191
1983	Wet	4,111	5,460	6,319	7,615	7,466	7,434	5,547	4,717	4,480	4,453	3,176	3,567
1984	Wet	3,565	3,902	4,756	5,755	5,646	5,614	4,173	3,534	3,349	3,329	2,644	3,280
1985	Dry	3,651	3,898	4,675	5,648	5,541	5,510	4,106	3,481	3,300	3,278	306	680
1986	Wet	4,569	5,754	6,625	7,882	7,747	7,707	5,836	5,030	2,177	5,270	302	410
1987	Dry	501	1,330	1,797	2,648	2,749	2,297	1,546	989	804	660	323	652
1988	Critical	526	1,004	1,442	2,133	2,219	1,849	1,245	791	639	523	447	711
1989	Dry	771	4,016	4,885	6,198	6,351	5,783	4,564	3,752	3,482	3,262	308	473
1990	Critical	689	1,546	2,087	3,082	3,199	2,672	1,790	1,144	930	765	315	428
1991	Critical	523	1,048	1,418	2,093	2,178	1,816	1,226	782	634	519	312	409
1992	Critical	518	1,374	1,855	2,735	2,839	2,336	1,612	885	734	928	329	3,451
1993	Above Normal	3,342	3,400	4,195	3,843	6,068	5,756	4,179	3,369	3,091	2,815	496	807
1994	Critical	1,554	3,061	4,018	4,703	6,449	3,274	3,231	993	2,454	3,862	316	2,662
1995	Wet	2,188	5,263	6,061	7,232	6,749	7,138	5,426	3,266	632	3,970	1,847	1,784
1996	Wet	3,288	3,975	4,599	5,524	5,421	5,393	4,053	3,449	3,278	3,249	2,591	3,761
1997	Wet	3,841	4,719	5,465	6,590	6,463	6,432	4,801	4,078	3,871	3,845	523	3,388
1998	Wet	3,606	4,284	4,981	5,982	5,869	5,840	4,391	3,736	3,550	3,519	3,008	3,698
1999	Wet	3,581	3,918	4,742	5,736	5,627	5,595	4,161	3,524	3,340	3,320	528	2,478
2000	Above Normal	2,499	3,521	4,398	5,739	5,957	5,655	4,058	3,270	2,997	2,759	300	470
2001	Dry	869	2,091	2,811	4,133	4,306	3,639	2,441	1,595	1,311	1,084	417	918
2002	Dry	1,392	4,428	5,093	6,057	5,946	4,711	4,824	2,030	2,114	4,117	479	987
2003	Above Normal	1,455	2,682	3,525	2,361	6,062	5,529	3,903	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-5
1923	Below Normal	-22	-4	-2	3	7	3	0	-2	-3	-6	0	1
1924	Critical	1	0	1	1	1	1	1	0	0	0	0	-1
1925	Dry	-1	2	2	3	4	3	2	2	2	1	0	-1
1926	Dry	-1	-2	-2	-3	-3	-3	-2	-2	-1	-1	0	-2
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	-3
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	-1	-1	-1	-1	-1	-1	-1	-1	1	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	-1
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	110
1934	Critical	135	140	166	191	275	939	16	42	177	187	-1	-6
1935	Below Normal	-13	-136	-79	25	107	38	-25	-70	-95	-149	5	0
1936	Below Normal	1	-1	-1	-1	-1	-1	-1	0	0	0	0	0
1937	Below Normal	-1	0	0	0	0	0	0	0	0	0	-63	-116
1938	Wet	-122	32	34	18	40	37	27	36	35	34	151	-134
1939	Dry	-349	-486	-636	-2,295	-229	244	-563	86	-12	-7	0	2
1940	Above Normal	0	1	1	6	-3	2	1	1	1	1	-2	0
1941	Wet	-20	-22	-25	-30	-30	-30	-22	-19	-18	-18	3	4
1942	Wet	-13	-1	0	1	2	1	0	0	-1	-1	-1	-34
1943	Wet	-30	-26	-30	-37	-36	-36	-27	-23	-234	214	0	0
1944	Dry	5	0	-1	-1	-1	-1	0	0	0	0	0	0
1945	Below Normal	-53	6	6	7	7	7	6	5	5	5	-3	-4
1946	Below Normal	-4	-36	-22	7	30	10	-7	-19	-25	-40	1	6
1947	Dry	-2	13	15	18	17	17	13	11	11	11	0	0
1948	Below Normal	0	1	19	0	5	3	7	4	3	-7	-2	-2
1949	Dry	-3	-24	-17	0	14	-23	0	-1	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	-40	4
1951	Above Normal	3	4	3	3	3	3	3	3	3	3	0	-6
1952	Wet	-6	-8	-891	-1,051	-1,029	-1,029	-790	-684	-655	-649	366	1,870
1953	Wet	829	127	237	1,792	-76	-46	-98	-52	-44	23	-20	638
1954	Above Normal	173	-11	5	189	92	-46	-55	-46	-45	-35	-13	27
1955	Dry	38	67	87	123	135	123	84	64	57	47	-80	-55
1956	Wet	13	13	11	12	12	12	11	10	10	10	2	0
1957	Above Normal	-57	-1	-2	-40	0	6	7	5	5	3	-1	-3
1958	Wet	-2	-3	-3	-4	-3	-3	-2	-3	-35	-4	1	-2
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	-4	1	1	3	0	10	-3	-2	-2	-1	0	0
1961	Dry	0	0	0	1	0	-2	1	-1	-2	-2	0	0
1962	Below Normal	1	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	4	0
1964	Dry	2	0	0	-1	-2	-2	0	1	1	1	0	-1
1965	Wet	-1	-1	-1	-5	2	1	1	0	0	-1	1	0
1966	Below Normal	1	0	0	0	-1	0	0	0	0	1	0	0
1967	Wet	0	0	0	0	0	0	0	0	-372	219	-3	-58
1968	Below Normal	3	12	15	27	18	18	14	11	11	9	-10	-44
1969	Wet	5	5	5	6	6	6	5	5	5	4	-81	-105
1970	Wet	-112	31	-65	-80	-78	-78	-56	-47	-44	-45	17	25
1971	Wet	100	26	15	-17	-42	-20	-1	13	20	36	18	-40
1972	Below Normal	1	13	10	4	-1	3	6	8	10	13	-1	0
1973	Above Normal	0	0	-2	-3	-2	-2	-2	-2	-2	-2	0	-10
1974	Wet	-10	-12	-14	-17	-17	-17	-13	-11	-10	-10	29	14
1975	Wet	-4	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0
1976	Critical	3	5	7	16	10	-1	10	7	6	-31	0	0
1977	Critical	0	0	-3	0	0	0	-1	0	-1	-3	0	0
1978	Above Normal	-247	-162	-126	61	208	85	-29	-109	-155	-250	4	2
1979	Below Normal	-171	-185	-215	-256	-251	-251	-189	-163	-156	-155	1,231	-143
1980	Above Normal	-103	-985	-939	-1,097	-1,074	-1,075	-833	-731	-158	-996	-54	1,012
1981	Dry	831	289	425	2,772	113	99	-22	-6	-10	31	11	6
1982	Wet	-3	-1	-2	-2	-2	-2	-1	-1	-1	-1	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-115	13	14	6	14	11	9	18	-336	3	0	0
1987	Dry	0	-1	-1	-1	-1	-1	-1	-1	0	0	0	1
1988	Critical	0	0	16	23	24	20	14	9	7	6	-3	-5
1989	Dry	-6	-23	-13	6	20	-160	44	32	26	13	0	7
1990	Critical	8	12	17	25	26	21	14	9	7	6	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	-25	-33	-49	-50	-38	-30	23	-10	-61	2	6
1993	Above Normal	11	9	6	35	-18	-14	-5	1	3	6	1	0
1994	Critical	-4	-4	-5	48	-19	-5	-4	-8	-5	1	0	0
1995	Wet	0	0	0	0	-345	70	70	-1,314	-2,270	0	72	-31
1996	Wet	-23	-17	-20	-23	-22	-22	-18	-15	-15	-15	2	4
1997	Wet	5	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-1
1998	Wet	-1	3	-29	-34	-34	-34	-26	-22	-21	-21	1	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	-3
2000	Above Normal	-42	-23	-13	8	25	11	-2	-11	-16	-26	0	3
2001	Dry	4	2	3	3	4	6	4	4	4	4	0	0
2002	Dry	0	-6	-6	-8	-7	-51	-16	90	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP South of Delta Deliveries (Node DEL_SWP_TOT_S)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%
1934	Critical	15%	7%	6%	5%	7%	34%	4%	2%	8%	11%	0%	-1%
1935	Below Normal	-1%	-3%	-2%	0%	2%	1%	-1%	-2%	-3%	-5%	2%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-12%	-3%
1938	Wet	-3%	1%	1%	0%	1%	0%	0%	1%	1%	1%	40%	-14%
1939	Dry	-23%	-15%	-15%	-63%	-3%	6%	-13%	5%	-1%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-18%	4%	0%	0%
1944	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-1%	-1%	0%	1%	0%	0%	-1%	-1%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	-15%	-14%	-14%	-14%	-15%	-15%	-15%	-15%	14%	151%
1953	Wet	58%	5%	7%	50%	-1%	-1%	-3%	-2%	-2%	1%	-4%	28%
1954	Above Normal	10%	0%	0%	3%	1%	-1%	-1%	-2%	-2%	-2%	-3%	3%
1955	Dry	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-3%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-8%	5%	-1%	-5%
1968	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%
1970	Wet	-3%	1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	1%	1%
1971	Wet	4%	1%	0%	0%	-1%	0%	0%	0%	1%	2%	2%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-7%	-4%	-3%	1%	4%	1%	-1%	-3%	-5%	-8%	1%	0%
1979	Below Normal	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	-4%	255%	-3%
1980	Above Normal	-2%	-17%	-14%	-14%	-14%	-14%	-14%	-15%	-4%	-20%	-11%	125%
1981	Dry	65%	10%	11%	102%	2%	2%	-1%	0%	0%	1%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-13%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	-1%	-1%
1989	Dry	-1%	-1%	0%	0%	0%	-3%	1%	1%	1%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-2%	-2%	-2%	-2%	-2%	-2%	3%	-1%	-6%	1%	0%
1993	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-5%	1%	1%	-29%	-78%	0%	4%	-2%
1996	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	-2%	-1%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	-1%	0%	5%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	870	4,787	6,425	8,229	8,269	6,337	1,662	1,684	926	471	229	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,591	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,430	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,484	8,175	7,639	5,683	1,986	1,252	542	488	210	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,238	8,003	6,127	2,236	1,805	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,755	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,427	6,475	6,396	4,850	1,599	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,038	4,754	6,330	6,282	4,770	1,476	257	557	313	190	216
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,323	7,909	6,057	2,167	1,766	1,005	369	218	244
1937	Below Normal	199	4,842	6,102	7,650	7,868	6,030	2,198	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	486	306	515
1939	Dry	1,023	7,300	5,456	7,965	7,579	5,829	1,793	1,498	966	424	220	237
1940	Above Normal	243	5,039	5,609	9,099	8,888	6,859	2,581	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,629	6,433	8,729	8,566	6,622	2,537	1,912	924	484	247	266
1944	Dry	334	5,399	5,205	7,704	7,636	5,818	2,007	1,439	667	421	235	240
1945	Below Normal	217	5,662	5,420	8,058	8,419	6,464	2,465	1,140	788	332	325	187
1946	Below Normal	333	7,050	6,445	8,714	8,318	6,499	2,420	1,800	756	366	366	276
1947	Dry	244	5,663	5,976	7,438	8,036	6,113	2,312	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,304	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,614	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,089	8,021	7,713	5,879	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,768	5,607	9,032	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	471	5,237	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,309	6,578	8,962	8,956	6,261	2,632	2,017	617	386	247	202
1955	Dry	667	5,404	5,987	8,027	7,686	5,860	1,826	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	413	7,035	6,621	8,421	8,180	6,171	1,305	1,899	1,021	438	240	259
1960	Dry	213	5,415	5,408	8,084	7,706	5,861	2,162	1,702	649	452	218	244
1961	Dry	220	5,405	5,899	8,021	8,081	6,118	2,079	1,779	638	414	260	250
1962	Below Normal	217	6,265	6,443	8,512	8,531	6,513	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,090	6,141	7,560	7,676	5,803	1,996	1,287	633	361	218	244
1965	Wet	526	4,480	6,583	8,849	8,583	5,702	2,523	2,023	544	469	251	276
1966	Below Normal	412	6,992	6,703	8,602	8,341	6,421	2,426	1,918	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	477	7,386	5,651	8,630	8,555	6,574	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,126	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,067	6,033	7,587	7,315	4,972	1,685	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	239	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,070	6,153	8,454	8,078	6,115	2,184	1,231	731	316	220	237
1980	Above Normal	244	5,267	6,090	8,464	8,515	6,654	2,496	1,853	985	401	247	276
1981	Dry	219	4,900	5,914	8,894	8,563	6,609	2,239	1,240	601	381	245	273
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,048	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,674	6,037	7,856	7,495	5,707	1,994	1,536	627	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,357	6,381	7,943	8,037	6,077	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,974	4,732	6,667	6,637	5,052	1,717	1,154	610	270	128	208
1992	Critical	210	4,110	5,167	6,430	6,779	5,038	1,662	956	526	285	206	233
1993	Above Normal	217	5,463	4,954	8,175	9,114	6,954	2,770	1,697	776	502	247	276
1994	Critical	435	5,640	4,473	7,381	7,161	5,517	1,980	1,459	488	365	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,937	6,100	7,844	7,813	5,958	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	265	6,875	6,454	8,993	8,745	6,727	2,611	1,375	600	341	247	202
1923	Below Normal	868	4,784	6,420	8,224	8,263	6,331	1,660	1,683	926	471	228	246
1924	Critical	578	5,433	4,945	6,376	6,096	4,592	1,493	815	626	274	248	221
1925	Dry	209	4,315	4,803	8,171	8,454	6,429	2,159	1,895	787	408	229	256
1926	Dry	484	3,206	5,483	8,174	7,637	5,682	1,986	1,252	542	488	209	234
1927	Wet	284	5,892	6,516	8,558	8,882	6,858	2,659	1,452	664	409	247	266
1928	Above Normal	217	4,810	6,116	8,237	8,002	6,127	2,236	1,804	574	315	322	246
1929	Critical	303	5,826	5,893	6,485	7,145	5,361	1,765	1,574	897	285	188	210
1930	Dry	199	4,415	5,325	7,974	7,589	5,754	1,754	1,602	705	483	209	234
1931	Critical	707	5,657	4,405	5,935	6,247	4,713	1,530	1,109	526	272	205	211
1932	Dry	347	5,112	4,426	6,475	6,395	4,850	1,598	1,308	635	294	191	134
1933	Critical	458	5,533	4,549	6,315	6,043	4,543	1,464	1,006	745	256	248	201
1934	Critical	282	5,036	4,752	6,328	6,280	4,768	1,476	225	556	313	190	215
1935	Below Normal	185	2,838	5,702	8,346	7,853	6,006	2,155	1,380	778	367	218	235
1936	Below Normal	258	4,906	5,592	7,322	7,909	6,056	2,167	1,765	1,004	369	218	244
1937	Below Normal	199	4,842	6,101	7,649	7,867	6,030	2,197	1,405	642	345	218	244
1938	Wet	244	4,459	6,287	9,296	8,990	6,942	2,260	1,471	956	556	306	515
1939	Dry	1,013	7,244	5,410	7,902	7,511	5,773	1,771	1,490	963	423	219	237
1940	Above Normal	243	5,045	5,622	9,121	8,913	6,879	2,591	1,450	779	341	247	276
1941	Wet	244	2,787	5,077	9,338	9,230	7,136	2,703	1,503	821	341	247	276
1942	Wet	244	2,931	5,655	9,461	9,132	7,054	2,629	1,882	770	377	247	276
1943	Wet	248	4,627	6,427	8,722	8,558	6,616	2,534	1,911	924	484	247	266
1944	Dry	334	5,403	5,209	7,710	7,643	5,825	2,010	1,440	667	422	235	240
1945	Below Normal	217	5,658	5,415	8,051	8,411	6,457	2,461	1,139	787	331	324	187
1946	Below Normal	333	7,051	6,446	8,716	8,320	6,501	2,421	1,801	756	366	366	276
1947	Dry	244	5,665	5,979	7,441	8,040	6,117	2,314	1,121	750	420	327	275
1948	Below Normal	391	2,391	4,522	8,266	9,303	7,144	2,487	1,730	863	380	315	283
1949	Dry	217	5,613	5,651	8,615	8,327	6,378	2,390	1,951	824	460	242	270
1950	Below Normal	287	5,929	6,090	8,021	7,713	5,880	2,039	1,119	712	315	218	244
1951	Above Normal	346	6,769	5,607	9,033	8,760	6,743	2,578	1,291	643	341	247	266
1952	Wet	244	5,375	6,617	8,329	8,798	6,851	2,521	2,011	827	341	247	276
1953	Wet	467	5,230	6,266	8,707	8,956	6,393	2,633	1,922	693	523	247	276
1954	Above Normal	243	4,311	6,581	8,966	8,961	6,264	2,634	2,017	617	386	247	202
1955	Dry	667	5,403	5,985	8,025	7,684	5,858	1,825	1,600	675	315	218	235
1956	Wet	647	6,174	5,666	8,781	8,876	6,851	2,358	1,419	1,070	605	247	276
1957	Above Normal	450	5,822	5,662	8,992	8,621	6,652	1,495	1,196	1,001	441	243	271
1958	Wet	244	3,038	5,519	8,801	8,906	7,050	2,636	1,983	1,071	538	247	276
1959	Below Normal	414	7,040	6,627	8,429	8,188	6,178	1,307	1,901	1,022	439	241	259
1960	Dry	213	5,415	5,408	8,083	7,704	5,860	2,162	1,702	649	452	218	244
1961	Dry	220	5,404	5,897	8,019	8,079	6,116	2,078	1,778	637	414	260	250
1962	Below Normal	217	6,264	6,443	8,512	8,531	6,512	2,439	1,184	971	431	247	276
1963	Wet	244	2,786	5,874	9,390	9,159	7,075	2,711	1,437	548	573	247	266
1964	Dry	715	7,091	6,142	7,561	7,677	5,804	1,996	1,287	633	361	218	244
1965	Wet	524	4,474	6,568	8,830	8,563	5,689	2,515	2,020	544	469	251	276
1966	Below Normal	412	6,995	6,707	8,606	8,346	6,425	2,428	1,919	586	405	247	276
1967	Wet	246	2,588	6,502	7,898	9,143	7,045	2,624	1,941	847	531	247	266
1968	Below Normal	220	5,948	6,290	8,029	8,358	5,778	2,423	1,550	750	338	237	265
1969	Wet	257	5,780	6,884	8,785	8,744	6,754	2,568	1,556	948	341	247	276
1970	Wet	238	6,425	6,560	7,975	8,227	6,320	2,362	1,512	463	374	284	266
1971	Wet	477	7,386	5,651	8,630	8,555	6,574	2,350	1,986	911	395	325	291
1972	Below Normal	1,117	6,831	6,169	8,017	7,985	6,126	1,879	1,176	578	432	221	246
1973	Above Normal	244	5,804	6,639	9,024	8,753	6,749	2,451	1,325	576	417	247	276
1974	Wet	244	4,698	6,805	9,169	7,858	7,021	2,692	1,435	928	366	360	276
1975	Wet	244	5,072	6,819	9,196	8,679	6,720	2,602	1,168	987	580	371	506
1976	Critical	1,196	6,066	6,032	7,586	7,314	4,971	1,684	1,759	817	433	145	286
1977	Critical	820	6,013	3,796	6,440	6,200	4,738	977	1,162	537	313	194	220
1978	Above Normal	236	3,773	6,512	9,284	9,004	6,938	2,213	2,135	794	503	247	276
1979	Below Normal	219	5,031	6,068	8,341	7,955	6,018	2,137	1,227	730	315	218	235
1980	Above Normal	244	5,268	6,092	8,465	8,518	6,656	2,497	1,853	985	401	247	276
1981	Dry	219	4,891	5,896	8,866	8,533	6,584	2,227	1,237	601	379	243	271
1982	Wet	244	3,405	6,740	8,565	9,195	7,115	1,866	1,230	632	453	247	276
1983	Wet	244	3,015	6,130	9,069	9,190	6,852	2,305	1,906	544	341	360	266
1984	Wet	454	7,095	6,965	8,640	8,585	6,294	2,460	1,416	546	504	330	276
1985	Dry	221	5,919	6,587	8,623	8,448	6,440	1,831	1,585	581	456	246	274
1986	Wet	217	4,930	6,047	8,626	8,319	6,395	1,782	1,830	983	450	233	265
1987	Dry	202	5,670	6,032	7,850	7,489	5,703	1,991	1,534	626	317	220	157
1988	Critical	682	5,289	4,899	7,118	7,197	5,411	1,792	1,631	710	387	304	215
1989	Dry	200	5,355	6,378	7,941	8,034	6,075	910	1,208	761	504	218	161
1990	Critical	383	6,468	3,780	7,635	7,217	5,233	1,734	1,576	786	406	239	187
1991	Critical	199	3,973	4,731	6,667	6,636	5,051	1,717	1,154	610	270	128	208
1992	Critical	210	4,108	5,163	6,424	6,772	5,033	1,660	956	526	285	206	233
1993	Above Normal	217	5,456	4,943	8,159	9,092	6,936	2,761	1,696	776	502	247	276
1994	Critical	435	5,638	4,472	7,378	7,158	5,514	1,979	1,459	487	364	218	246
1995	Wet	244	4,890	5,178	8,462	9,026	6,968	2,664	2,088	1,019	338	249	268
1996	Wet	247	4,883	4,421	9,313	9,117	7,051	2,563	1,469	689	352	255	284
1997	Wet	648	7,406	6,494	8,266	8,427	6,024	2,173	1,488	487	490	259	289
1998	Wet	241	4,390	2,950	8,903	9,321	7,216	2,662	1,818	768	562	258	278
1999	Wet	238	5,320	6,644	8,544	8,798	6,694	2,459	1,805	680	532	251	270
2000	Above Normal	256	4,977	5,447	8,800	9,100	7,061	2,346	1,120	840	515	249	278
2001	Dry	226	4,938	6,101	7,844	7,813	5,959	1,940	1,563	579	323	226	161
2002	Dry	425	7,329	5,817	8,545	8,306	6,387	2,409	1,988	756	341	247	276
2003	Above Normal	247	3,636	5,551	9,451	9,144	6,284	2,711	n/a	n/a	n/a	n/a	n/a

Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	-2	-3	-5	-5	-6	-5	-2	-1	-1	0	0	0
1924	Critical	0	0	0	1	1	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	-1	0	0	0	0	0	0	0
1926	Dry	0	0	-1	-2	-2	-1	-1	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	-1	-1	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	-1	-1	-1	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	-1	-1	-2	-2	-1	-1	-32	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1937	Below Normal	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	70	0	0
1939	Dry	-10	-56	-46	-64	-68	-56	-23	-8	-3	-1	-1	-1
1940	Above Normal	0	7	13	22	25	20	10	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	-2	-6	-7	-8	-7	-3	-1	0	0	0	0
1944	Dry	1	3	5	7	8	6	3	1	1	0	0	1
1945	Below Normal	0	-3	-5	-7	-8	-7	-4	-1	-1	-1	-1	-1
1946	Below Normal	0	1	1	2	2	2	1	0	0	0	0	0
1947	Dry	0	2	3	3	4	3	2	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	1	1	1	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	-3	-7	0	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	1	3	4	5	3	2	1	0	0	0	0
1955	Dry	0	-1	-2	-2	-2	-2	-1	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	1	5	6	8	8	7	2	2	1	1	1	1
1960	Dry	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1961	Dry	0	-1	-2	-2	-3	-2	-1	-1	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	1	1	1	1	1	0	0	0	0	0	0
1965	Wet	-1	-6	-15	-19	-20	-14	-8	-3	0	0	0	0
1966	Below Normal	0	3	4	4	5	4	2	1	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	1	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	-1	-1	-1	-1	-1	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-2	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	-40	-85	-113	-123	-97	-46	-4	-1	-1	-1	-1
1980	Above Normal	0	1	1	2	2	2	1	0	0	0	0	0
1981	Dry	0	-10	-18	-28	-30	-25	-13	-3	-1	-2	-2	-2
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	-4	-5	-6	-6	-5	-3	-1	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	-1	-2	-3	-3	-2	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	-1	-1	-1	-1	0	0	0	0	0	0
1992	Critical	0	-2	-5	-5	-6	-4	-2	0	0	0	0	0
1993	Above Normal	0	-7	-11	-17	-23	-18	-8	-2	0	0	0	0
1994	Critical	0	-2	-2	-3	-3	-3	-2	-1	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated CVP North of Delta Deliveries (Node DEL_CVP_TOTAL_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%	0%
1939	Dry	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-1%	-1%	-1%	-2%	-2%	-2%	0%	0%	0%	-1%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Future No Action (cfs)

Year	SAC Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	4
1934	Critical	56	1,755	1,579	2,037	2,107	1,602	603	120	6	6	3	7
1935	Below Normal	20	1,127	2,976	3,638	3,408	2,738	2,195	446	16	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	11	17
1938	Wet	39	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	8	67
1939	Dry	634	3,378	2,263	3,174	3,000	2,410	1,670	448	83	10	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,295	2,667	2,225	665	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	34	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,908	602	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,360	2,502	2,256	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,060	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	3,000	3,136	3,207	2,597	2,160	738	22	21	14	12
1953	Wet	104	1,971	2,707	3,297	3,329	2,496	2,232	415	12	12	7	13
1954	Above Normal	27	1,311	2,967	3,453	3,321	2,526	2,228	681	13	13	7	10
1955	Dry	264	2,293	2,944	3,270	3,078	2,470	1,898	432	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,663	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	16	16
1970	Wet	35	2,518	3,064	2,991	3,123	2,514	2,098	282	18	17	14	15
1971	Wet	79	3,012	2,423	3,115	3,007	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,116	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	24	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,338	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	31	1,252	3,129	3,641	3,427	2,757	1,489	818	16	15	5	8
1979	Below Normal	35	1,828	3,118	3,559	3,316	2,546	2,109	88	17	16	10	18
1980	Above Normal	41	2,401	2,859	3,176	3,109	2,513	2,045	604	76	22	5	9
1981	Dry	20	1,923	3,017	3,581	3,340	2,680	1,903	27	12	12	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	41	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,540	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,104	2,483	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,268	2,613	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,481	2,796	2,166	34	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	6	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,015	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 5 (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	32	2,730	2,694	3,317	3,114	2,504	2,091	124	16	15	16	14
1923	Below Normal	285	2,017	3,026	3,315	3,311	2,659	1,524	559	38	14	4	4
1924	Critical	25	2,015	1,716	1,994	1,961	1,483	588	8	4	4	3	4
1925	Dry	20	1,684	2,609	3,324	3,446	2,726	1,991	702	13	13	3	5
1926	Dry	188	1,110	2,902	3,689	3,448	2,739	2,304	171	11	10	7	13
1927	Wet	34	2,234	2,808	3,246	3,303	2,656	2,207	111	17	16	9	11
1928	Above Normal	20	2,035	3,023	3,246	3,088	2,485	2,075	621	14	13	3	3
1929	Critical	23	2,956	3,047	2,782	3,443	2,608	1,022	453	86	6	3	5
1930	Dry	12	1,881	2,801	3,416	3,182	2,549	1,915	656	9	9	3	5
1931	Critical	178	2,083	1,439	1,819	2,041	1,551	588	233	5	5	4	8
1932	Dry	130	2,725	2,179	3,252	3,055	2,449	2,048	704	40	10	3	7
1933	Critical	48	3,370	2,484	3,406	3,345	2,542	982	273	76	7	3	5
1934	Critical	57	1,756	1,579	2,039	2,111	1,607	606	122	7	7	3	7
1935	Below Normal	19	1,127	2,975	3,637	3,406	2,737	2,194	445	15	15	3	8
1936	Below Normal	34	2,045	2,701	3,021	3,283	2,642	2,194	692	96	17	4	6
1937	Below Normal	26	2,105	3,180	3,094	3,271	2,635	2,199	146	20	19	10	16
1938	Wet	38	1,549	3,065	3,725	3,517	2,836	1,820	159	30	22	7	65
1939	Dry	632	3,376	2,261	3,169	2,990	2,399	1,662	443	82	9	3	4
1940	Above Normal	24	2,147	2,585	3,463	3,307	2,655	2,212	138	13	13	12	15
1941	Wet	35	1,164	2,635	3,753	3,576	2,858	2,306	117	19	18	14	14
1942	Wet	31	957	2,465	3,724	3,518	2,825	2,327	702	15	15	13	15
1943	Wet	34	1,405	2,954	3,437	3,294	2,666	2,224	664	21	20	3	3
1944	Dry	68	2,249	2,651	3,356	3,236	2,593	2,169	152	7	9	6	7
1945	Below Normal	34	2,486	2,566	3,367	3,278	2,637	2,202	48	17	17	16	16
1946	Below Normal	40	2,798	2,743	3,177	2,933	2,396	1,907	601	16	15	9	9
1947	Dry	26	2,266	2,956	3,205	3,361	2,502	2,257	38	17	17	3	3
1948	Below Normal	8	713	2,052	3,436	3,524	2,813	2,253	617	19	10	6	6
1949	Dry	17	2,375	2,602	3,268	3,059	2,455	2,043	722	35	14	3	4
1950	Below Normal	14	2,328	2,895	3,388	3,226	2,532	2,050	47	12	11	16	17
1951	Above Normal	123	2,871	2,409	3,389	3,181	2,560	2,137	40	18	17	14	17
1952	Wet	36	1,819	2,997	3,130	3,195	2,584	2,150	733	19	19	16	14
1953	Wet	106	1,973	2,709	3,301	3,338	2,505	2,239	419	14	14	7	14
1954	Above Normal	28	1,311	2,968	3,454	3,322	2,527	2,229	682	14	13	7	10
1955	Dry	264	2,293	2,945	3,271	3,080	2,472	1,899	433	9	11	14	18
1956	Wet	198	2,716	2,504	3,357	3,258	2,625	1,941	193	89	19	7	8
1957	Above Normal	28	2,662	2,676	3,757	3,514	2,820	1,039	30	27	13	9	16
1958	Wet	36	1,151	2,673	3,136	3,472	2,836	2,234	716	84	22	6	10
1959	Below Normal	96	2,878	2,938	3,307	3,086	2,472	1,004	733	92	11	3	3
1960	Dry	16	1,796	2,665	3,441	3,210	2,593	2,160	653	14	14	3	5
1961	Dry	12	2,137	2,913	3,074	3,145	2,505	2,019	656	9	11	3	4
1962	Below Normal	22	2,490	2,960	3,291	3,136	2,508	2,078	18	12	12	15	15
1963	Wet	32	913	2,837	3,761	3,565	2,848	2,265	61	16	15	11	16
1964	Dry	183	3,124	2,768	3,048	3,084	2,484	1,847	159	16	15	12	15
1965	Wet	146	1,991	3,054	3,358	3,154	2,098	2,092	753	15	15	15	14
1966	Below Normal	126	2,808	2,778	3,084	2,889	2,322	1,932	691	14	14	9	18
1967	Wet	38	902	3,146	3,105	3,566	2,868	2,345	725	23	22	9	11
1968	Below Normal	24	2,408	2,983	3,164	3,217	2,393	2,146	160	12	11	14	18
1969	Wet	41	2,111	3,126	3,200	3,202	2,595	2,164	304	35	22	15	16
1970	Wet	34	2,518	3,064	2,990	3,122	2,513	2,097	281	17	17	15	15
1971	Wet	79	3,013	2,423	3,115	3,008	2,414	1,933	620	15	14	11	13
1972	Below Normal	252	3,065	2,835	3,152	3,117	2,504	1,676	109	14	14	10	17
1973	Above Normal	36	2,408	2,994	3,374	3,192	2,569	2,005	41	18	17	16	19
1974	Wet	39	1,918	3,238	3,477	2,827	2,725	2,282	149	19	19	12	12
1975	Wet	34	2,071	3,142	3,430	3,189	2,522	2,149	64	25	16	8	34
1976	Critical	889	3,030	2,945	3,362	3,338	2,170	903	452	23	10	3	23
1977	Critical	581	2,123	1,216	2,060	77	64	27	224	3	3	3	10
1978	Above Normal	30	1,251	3,128	3,640	3,424	2,755	1,487	817	15	15	6	8
1979	Below Normal	33	1,827	3,117	3,557	3,312	2,542	2,106	87	16	16	12	18
1980	Above Normal	41	2,397	2,856	3,170	3,096	2,500	2,035	598	73	20	7	13
1981	Dry	28	1,925	3,019	3,585	3,350	2,690	1,910	31	14	14	13	16
1982	Wet	37	1,519	3,307	3,519	3,578	2,849	1,601	51	23	22	18	19
1983	Wet	41	1,159	3,101	3,503	3,581	2,806	1,669	525	23	22	18	16
1984	Wet	37	2,694	3,086	3,284	3,140	2,282	2,032	75	18	17	15	15
1985	Dry	36	2,590	3,130	3,382	3,172	2,516	1,229	555	17	17	3	6
1986	Wet	40	2,107	3,026	3,412	3,263	2,632	1,547	676	85	21	3	3
1987	Dry	7	2,319	2,980	3,215	2,984	2,386	1,997	451	4	5	3	5
1988	Critical	330	1,500	1,423	1,878	1,805	1,445	1,209	414	4	4	5	6
1989	Dry	12	2,390	3,427	3,640	3,539	2,818	537	120	30	15	3	4
1990	Critical	19	3,086	1,817	3,313	3,105	2,484	2,004	563	23	5	3	21
1991	Critical	8	1,333	1,744	1,791	1,882	1,506	1,257	221	30	4	3	3
1992	Critical	8	1,841	3,214	3,091	3,267	2,612	2,187	107	37	4	3	15
1993	Above Normal	31	1,832	2,362	3,097	3,538	2,831	2,374	487	15	15	7	8
1994	Critical	126	2,948	2,344	3,271	3,059	2,457	2,042	361	10	13	3	13
1995	Wet	28	1,856	2,315	2,954	3,496	2,815	2,350	838	97	19	12	12
1996	Wet	31	1,667	1,931	3,767	3,564	2,848	2,349	106	16	16	15	17
1997	Wet	180	3,097	2,858	3,109	3,052	2,245	1,882	367	20	19	7	14
1998	Wet	34	1,518	1,170	3,524	3,509	2,804	2,079	282	18	17	17	17
1999	Wet	40	2,444	2,962	3,062	3,057	2,436	2,049	577	18	17	7	13
2000	Above Normal	29	1,821	2,716	3,525	3,480	2,795	2,166	33	15	15	3	4
2001	Dry	40	2,205	3,127	3,302	3,148	2,521	1,880	193	7	8	8	10
2002	Dry	43	2,905	2,327	3,196	2,999	2,413	2,014	718	16	16	10	11
2003	Above Normal	37	1,417	2,646	3,564	3,348	2,430	2,244	n/a	n/a	n/a	n/a	n/a

Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	1
1934	Critical	1	1	1	2	4	4	3	2	1	1	0	0
1935	Below Normal	0	0	0	-1	-1	-1	-1	-1	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	-1	-1
1938	Wet	-1	0	0	0	0	0	0	0	0	0	-1	-2
1939	Dry	-2	-2	-2	-5	-10	-11	-8	-5	-2	-2	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	-1	-1	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	-3	-6	-12	-13	-10	-5	-2	-2	2	2
1953	Wet	2	2	2	4	9	9	7	4	2	2	0	1
1954	Above Normal	1	0	0	1	1	1	1	1	0	0	0	0
1955	Dry	0	0	0	1	1	1	1	1	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	-1	0	0	-1	-1	-1	-1	-1	0	0	0	0
1971	Wet	0	0	0	0	0	1	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	-1	0	-1	-1	-2	-2	-2	-1	0	0	0	0
1979	Below Normal	-1	-1	-1	-2	-4	-4	-3	-1	-1	-1	2	0
1980	Above Normal	0	-4	-3	-6	-13	-14	-10	-6	-2	-3	2	4
1981	Dry	7	2	2	4	9	10	7	4	2	2	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-1	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a

Percent Change in Simulated SWP North of Delta Deliveries (Node DEL_SWP_TOT_N)
From Future No Action

Year	SVI Year Type	March	April	May	June	July	August	September	October	November	December	January	February
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%
1934	Critical	2%	0%	0%	0%	0%	0%	1%	2%	10%	10%	0%	-2%
1935	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	2%	3%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	-3%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	-3%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	-15%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1943	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-1%	0%	-1%	-11%	-11%	15%	18%
1953	Wet	2%	0%	0%	0%	0%	0%	0%	1%	14%	14%	3%	4%
1954	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	-3%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%
1970	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	1%	1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	1%	2%
1979	Below Normal	-4%	0%	0%	0%	0%	0%	0%	-1%	-4%	-4%	16%	-1%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	0%	-1%	-3%	-11%	36%	45%
1981	Dry	37%	0%	0%	0%	0%	0%	0%	16%	16%	16%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	-1%	-1%
1989	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	n/a	n/a	n/a	n/a	n/a

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,878	3,013	3,211	3,353	3,491	3,952	3,721	3,376	2,925	2,614	2,605
1924	Critical	2,552	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,841	1,418	1,088	967
1925	Dry	965	1,126	1,236	1,562	2,744	3,112	3,795	3,932	3,680	3,197	2,815	2,716
1926	Dry	2,606	2,584	2,623	2,666	3,415	3,572	3,855	3,716	3,242	2,671	2,310	2,184
1927	Wet	2,110	2,565	3,007	3,447	3,462	4,105	4,552	4,552	4,223	3,727	3,332	2,659
1928	Above Normal	2,571	2,822	2,932	3,159	3,653	3,965	4,541	4,493	3,972	3,282	2,895	2,560
1929	Critical	2,438	2,369	2,438	2,702	2,890	3,063	3,104	2,978	2,666	2,213	1,707	1,618
1930	Dry	1,497	1,422	1,967	2,169	2,570	3,066	3,206	3,187	2,851	2,439	2,184	2,157
1931	Critical	2,095	2,073	2,062	2,144	2,233	2,406	2,088	1,823	1,466	979	650	612
1932	Dry	581	586	764	977	1,093	1,551	1,657	1,840	1,700	1,422	1,189	1,089
1933	Critical	991	960	950	959	995	1,593	1,771	1,866	1,716	1,467	889	694
1934	Critical	635	619	738	1,024	1,339	1,593	1,593	1,462	1,161	721	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,016	2,705	2,306	1,916	1,804
1936	Below Normal	1,715	1,653	1,647	2,304	3,185	3,487	3,712	3,672	3,452	2,933	2,586	2,515
1937	Below Normal	2,378	2,278	2,251	2,226	2,306	2,953	3,653	3,898	3,695	3,279	2,929	2,824
1938	Wet	2,776	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,974	3,620	3,212
1939	Dry	3,200	3,076	3,264	3,398	3,484	3,901	3,838	3,624	3,191	2,638	2,299	2,245
1940	Above Normal	2,144	2,048	2,185	3,080	3,252	3,435	4,131	4,131	3,730	3,129	2,737	2,611
1941	Wet	2,520	2,472	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,112	2,876	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,101	3,700	3,196
1943	Wet	3,107	2,861	3,113	3,541	3,848	4,118	4,552	4,552	4,270	3,694	3,332	2,820
1944	Dry	2,748	2,501	2,503	2,551	2,865	3,256	3,288	3,308	3,142	2,743	2,474	2,458
1945	Below Normal	2,393	2,542	2,818	3,038	3,732	3,974	4,138	4,269	4,047	3,550	3,213	3,147
1946	Below Normal	3,047	3,252	3,265	3,622	3,805	4,124	4,293	4,258	3,880	3,374	3,032	2,956
1947	Dry	2,840	2,890	3,006	3,007	3,273	3,798	3,889	3,584	3,392	2,820	2,501	2,342
1948	Below Normal	2,388	2,402	2,405	2,973	3,066	3,402	4,309	4,551	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,367	4,386	3,979	3,455	3,085	2,940
1950	Below Normal	2,782	2,720	2,672	2,920	3,271	3,647	4,029	4,022	3,715	3,318	3,019	2,993
1951	Above Normal	3,163	3,252	3,322	3,624	3,794	4,221	4,333	4,480	4,032	3,384	3,013	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,390
1953	Wet	3,218	2,989	3,345	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,197	3,051	3,209	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,904	2,938	3,187	3,351	3,472	3,638	3,868	4,049	3,762	3,240	2,973	2,991
1956	Wet	2,915	3,002	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,378
1959	Below Normal	3,250	2,935	2,960	3,648	3,777	4,221	4,301	4,151	3,671	3,082	2,692	2,823
1960	Dry	2,701	2,648	2,631	2,843	3,555	4,226	4,297	4,433	3,950	3,347	3,083	2,985
1961	Dry	2,913	3,019	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,974	2,869
1962	Below Normal	2,732	2,753	3,050	3,149	3,675	4,199	4,415	4,347	3,995	3,425	3,094	3,046
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,178	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,901	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,541	4,195	3,738	3,464	3,010
1966	Below Normal	2,877	2,964	3,084	3,568	3,962	4,229	4,552	4,428	3,885	3,256	2,930	2,825
1967	Wet	2,677	3,014	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,293
1968	Below Normal	3,244	3,090	3,181	3,358	3,654	4,226	4,259	4,160	3,717	3,124	2,895	2,877
1969	Wet	2,864	2,935	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,574	3,200
1970	Wet	3,245	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,344
1971	Wet	2,245	2,626	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,675	3,292
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,070
1974	Wet	3,184	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,898	3,069	3,217	3,866	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,019	3,127	3,362	3,441	3,628	3,696	3,557	3,200	2,761	2,755	2,857
1977	Critical	2,673	2,598	2,554	2,538	2,410	2,388	1,992	1,851	1,259	694	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,357
1979	Below Normal	3,200	3,084	3,047	3,121	3,443	3,949	4,212	4,375	3,946	3,417	3,203	3,193
1980	Above Normal	3,200	3,252	3,367	3,528	3,292	3,940	4,230	4,220	3,834	3,391	3,095	3,106
1981	Dry	3,042	2,799	2,919	3,199	3,606	4,208	4,426	4,221	3,566	2,948	2,650	2,616
1982	Wet	2,627	3,252	3,276	3,616	3,530	3,953	4,094	4,488	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,580	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,342	2,497	3,046	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,898	2,741	2,758	2,895	3,236	3,961	3,890	3,598	2,960	2,434	2,225	2,190
1988	Critical	2,048	2,023	2,520	2,896	2,944	3,078	3,098	3,056	2,629	2,072	1,615	1,562
1989	Dry	1,430	1,632	1,714	1,924	2,027	3,405	3,858	3,619	3,268	2,695	2,406	2,470
1990	Critical	2,608	2,634	2,632	2,877	2,974	3,239	3,056	3,227	3,040	2,456	2,095	2,084
1991	Critical	2,023	2,011	1,995	1,998	2,027	2,447	2,609	2,566	2,281	1,869	1,677	1,627
1992	Critical	1,506	1,359	1,355	1,390	2,033	2,472	2,722	2,383	1,810	1,384	908	883
1993	Above Normal	681	650	874	1,519	2,243	3,705	4,338	4,552	4,500	3,929	3,660	3,322
1994	Critical	3,200	2,966	3,010	3,145	3,370	3,543	3,380	3,292	2,855	2,219	1,876	1,859
1995	Wet	1,740	1,713	1,759	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,250	2,971	3,337	3,702	3,503	4,010	4,432	4,552	4,340	3,913	3,648	3,230
1997	Wet	3,052	2,947	3,252	3,252	3,737	3,956	4,013	3,774	3,422	2,887	2,710	2,243
1998	Wet	2,098	2,065	2,311	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,128	2,777	2,867	3,565	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,125
2001	Dry	3,050	2,800	2,853	3,009	3,437	3,932	4,029	3,821	3,270	2,793	2,643	2,613
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,286	3,805	3,325	3,061	2,988
2003	Above Normal	2,796	2,739	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,586	3,350	3,152

Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,758	2,632	2,773	2,915	3,291	3,735	4,335	4,552	4,181	3,698	3,297	3,057
1923	Below Normal	3,000	2,877	3,013	3,210	3,353	3,491	3,951	3,721	3,376	2,925	2,614	2,606
1924	Critical	2,553	2,498	2,478	2,611	2,821	2,803	2,562	2,271	1,840	1,417	1,088	965
1925	Dry	963	1,124	1,234	1,560	2,742	3,111	3,793	3,931	3,678	3,196	2,813	2,715
1926	Dry	2,604	2,582	2,621	2,664	3,413	3,570	3,853	3,714	3,241	2,669	2,309	2,183
1927	Wet	2,109	2,564	3,006	3,446	3,462	4,105	4,552	4,552	4,223	3,727	3,331	2,659
1928	Above Normal	2,570	2,822	2,931	3,159	3,652	3,965	4,541	4,493	3,972	3,281	2,895	2,559
1929	Critical	2,438	2,369	2,437	2,702	2,889	3,063	3,104	2,977	2,665	2,213	1,706	1,617
1930	Dry	1,496	1,421	1,966	2,167	2,568	3,065	3,204	3,186	2,849	2,438	2,183	2,156
1931	Critical	2,094	2,072	2,061	2,143	2,231	2,405	2,087	1,821	1,464	976	650	612
1932	Dry	581	586	764	974	1,091	1,549	1,655	1,837	1,700	1,422	1,185	1,085
1933	Critical	986	956	945	954	991	1,588	1,764	1,858	1,708	1,458	880	684
1934	Critical	629	617	734	1,019	1,335	1,589	1,588	1,457	1,155	715	550	550
1935	Below Normal	550	629	664	936	1,264	1,659	2,699	3,015	2,704	2,305	1,914	1,802
1936	Below Normal	1,713	1,651	1,644	2,301	3,183	3,485	3,710	3,669	3,449	2,930	2,583	2,512
1937	Below Normal	2,374	2,274	2,247	2,222	2,302	2,948	3,649	3,894	3,691	3,275	2,924	2,819
1938	Wet	2,772	3,252	3,310	3,624	3,560	3,416	4,058	4,552	4,420	3,973	3,619	3,211
1939	Dry	3,200	3,076	3,254	3,387	3,474	3,891	3,772	3,574	3,170	2,618	2,281	2,247
1940	Above Normal	2,158	2,061	2,198	3,093	3,252	3,435	4,131	4,130	3,727	3,127	2,733	2,659
1941	Wet	2,568	2,504	3,293	3,317	3,423	3,940	4,456	4,552	4,440	4,150	3,700	3,198
1942	Wet	3,107	2,856	3,316	3,389	3,516	3,795	4,451	4,552	4,465	4,100	3,700	3,196
1943	Wet	3,107	2,862	3,115	3,541	3,848	4,118	4,552	4,552	4,270	3,706	3,344	2,824
1944	Dry	2,752	2,512	2,514	2,562	2,876	3,263	3,295	3,315	3,149	2,751	2,478	2,460
1945	Below Normal	2,396	2,545	2,820	3,040	3,734	3,976	4,140	4,271	4,050	3,553	3,217	3,151
1946	Below Normal	3,052	3,252	3,265	3,622	3,805	4,124	4,292	4,257	3,880	3,378	3,039	2,963
1947	Dry	2,843	2,893	3,010	3,011	3,276	3,801	3,892	3,587	3,393	2,821	2,497	2,341
1948	Below Normal	2,387	2,400	2,403	2,972	3,065	3,401	4,308	4,550	4,500	3,948	3,559	3,400
1949	Dry	3,209	3,171	3,188	3,181	3,327	4,071	4,366	4,386	3,979	3,455	3,085	2,939
1950	Below Normal	2,781	2,719	2,671	2,918	3,270	3,645	4,027	4,020	3,713	3,317	3,018	2,992
1951	Above Normal	3,162	3,252	3,322	3,624	3,794	4,222	4,333	4,480	4,033	3,384	3,014	2,857
1952	Wet	2,812	2,825	3,306	3,604	3,739	4,022	4,290	4,552	4,465	4,150	3,700	3,391
1953	Wet	3,219	2,899	3,342	3,366	3,654	4,086	4,438	4,552	4,500	4,034	3,700	3,188
1954	Above Normal	3,200	3,058	3,216	3,552	3,661	4,106	4,546	4,552	4,230	3,627	3,268	2,963
1955	Dry	2,903	2,935	3,184	3,351	3,470	3,637	3,867	4,048	3,760	3,239	2,973	2,992
1956	Wet	2,912	3,000	3,252	3,252	3,288	3,970	4,503	4,552	4,333	3,996	3,700	3,238
1957	Above Normal	3,187	2,807	2,817	2,891	3,550	4,129	4,397	4,552	4,236	3,634	3,293	3,164
1958	Wet	3,250	3,209	3,338	3,531	4,433	3,416	4,173	4,552	4,500	4,150	3,700	3,380
1959	Below Normal	3,250	2,865	2,890	3,648	3,777	4,221	4,301	4,150	3,670	3,081	2,691	2,822
1960	Dry	2,698	2,647	2,629	2,841	3,553	4,225	4,296	4,432	3,949	3,346	3,082	2,979
1961	Dry	2,907	3,013	3,350	3,550	3,914	4,280	4,398	4,407	4,028	3,390	2,976	2,870
1962	Below Normal	2,732	2,752	3,049	3,147	3,675	4,199	4,415	4,347	3,994	3,425	3,094	3,045
1963	Wet	3,250	3,252	3,349	3,461	3,944	4,226	4,137	4,552	4,288	3,717	3,387	2,872
1964	Dry	2,943	3,179	3,230	3,607	3,833	3,982	3,812	3,665	3,437	2,900	2,662	2,638
1965	Wet	2,622	2,735	3,252	3,368	3,713	3,874	4,500	4,542	4,197	3,740	3,467	3,013
1966	Below Normal	2,880	2,970	3,091	3,575	3,969	4,229	4,552	4,427	3,885	3,256	2,930	2,825
1967	Wet	2,676	3,013	3,335	3,551	3,920	4,033	4,479	4,552	4,500	4,113	3,700	3,282
1968	Below Normal	3,233	2,993	3,082	3,259	3,654	4,226	4,259	4,160	3,717	3,123	2,894	2,876
1969	Wet	2,864	2,934	3,273	3,358	3,480	4,030	4,434	4,552	4,329	3,932	3,574	3,200
1970	Wet	3,240	3,087	3,317	3,252	3,431	4,021	4,032	3,937	3,648	3,074	2,795	2,345
1971	Wet	2,245	2,626	3,319	3,515	3,848	3,873	4,379	4,552	4,462	3,970	3,675	3,292
1972	Below Normal	3,212	2,988	3,132	3,467	3,850	4,249	4,496	4,446	3,964	3,258	3,024	3,047
1973	Above Normal	3,060	3,252	3,346	3,552	3,636	4,162	4,461	4,528	4,076	3,460	3,206	3,053
1974	Wet	3,167	3,252	3,267	3,252	3,694	3,416	4,289	4,552	4,350	4,150	3,700	3,364
1975	Wet	3,250	2,903	3,075	3,223	3,872	3,756	4,341	4,552	4,349	4,040	3,700	3,329
1976	Critical	3,250	3,018	3,125	3,360	3,439	3,627	3,695	3,556	3,200	2,762	2,755	2,857
1977	Critical	2,673	2,597	2,554	2,537	2,408	2,387	1,990	1,849	1,257	692	550	554
1978	Above Normal	550	594	1,029	2,942	3,567	4,000	4,552	4,552	4,166	3,719	3,382	3,355
1979	Below Normal	3,196	2,950	2,913	2,993	3,321	3,821	4,084	4,262	3,841	3,353	3,148	3,138
1980	Above Normal	3,141	3,250	3,367	3,528	3,292	3,940	4,230	4,220	3,833	3,390	3,093	3,056
1981	Dry	2,989	2,773	2,893	3,172	3,580	4,182	4,400	4,196	3,541	2,915	2,625	2,586
1982	Wet	2,597	3,252	3,276	3,616	3,530	3,953	4,094	4,487	4,343	4,028	3,700	3,400
1983	Wet	3,250	3,252	3,328	3,371	3,252	3,667	4,074	4,552	4,500	4,150	3,700	3,400
1984	Wet	3,250	3,252	3,285	3,650	3,994	4,246	4,488	4,494	4,182	3,579	3,413	2,830
1985	Dry	2,906	3,252	3,360	3,475	3,647	3,859	3,927	3,622	3,199	2,764	2,477	2,453
1986	Wet	2,408	2,341	2,497	3,045	3,252	3,534	3,958	3,946	3,541	3,125	2,830	2,872
1987	Dry	2,897	2,733	2,750	2,888	3,228	3,954	3,882	3,590	2,953	2,427	2,209	2,176
1988	Critical	2,039	2,014	2,511	2,887	2,936	3,070	3,089	3,047	2,619	2,062	1,605	1,552
1989	Dry	1,419	1,622	1,704	1,915	2,019	3,397	3,850	3,611	3,261	2,689	2,399	2,463
1990	Critical	2,602	2,627	2,625	2,871	2,968	3,233	3,049	3,220	3,033	2,449	2,141	2,069
1991	Critical	2,004	1,994	1,978	1,981	2,010	2,430	2,591	2,549	2,263	1,851	1,658	1,608
1992	Critical	1,487	1,340	1,336	1,371	2,014	2,453	2,703	2,364	1,763	1,369	889	867
1993	Above Normal	665	650	874	1,519	2,243	3,699	4,332	4,552	4,500	3,930	3,661	3,323
1994	Critical	3,200	2,968	3,009	3,144	3,369	3,542	3,379	3,290	2,849	2,214	1,871	1,854
1995	Wet	1,733	1,706	1,752	3,252	3,743	3,417	4,217	4,552	4,500	4,150	3,700	3,400
1996	Wet	3,218	2,803	3,169	3,535	3,503	4,010	4,432	4,552	4,339	3,912	3,647	3,229
1997	Wet	3,060	2,954	3,252	3,252	3,737	3,956	4,013	3,773	3,421	2,890	2,713	2,245
1998	Wet	2,099	2,066	2,312	3,339	3,252	3,504	4,329	4,552	4,500	4,150	3,700	3,400
1999	Wet	3,250	3,252	3,349	3,640	3,570	3,980	4,522	4,552	4,319	3,861	3,587	3,200
2000	Above Normal	3,127	2,776	2,865	3,563	3,282	3,976	4,552	4,552	4,196	3,623	3,298	3,124
2001	Dry	3,050	2,800	2,852	3,007	3,436	3,930	4,027	3,819	3,268	2,791	2,642	2,612
2002	Dry	2,468	2,647	3,312	3,678	4,022	4,411	4,473	4,285	3,805	3,325	3,060	2,985
2003	Above Normal	2,793	2,735	3,291	3,515	3,772	4,253	4,552	4,552	4,245	3,585	3,349	3,151

Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	1	1
1924	Critical	1	1	1	0	0	0	0	0	-1	-1	-1	-1
1925	Dry	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-2
1926	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1
1927	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1928	Above Normal	-1	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	-1	-1	-1	-1
1930	Dry	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
1931	Critical	-1	-1	-1	-1	-1	-1	-1	-2	-2	-3	0	0
1932	Dry	0	0	0	-2	-2	-2	-3	-3	0	0	-4	-4
1933	Critical	-5	-5	-5	-5	-5	-5	-7	-8	-9	-9	-9	-10
1934	Critical	-6	-2	-4	-5	-5	-5	-5	-5	-6	-6	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	-1	-1	-1	-2
1936	Below Normal	-2	-2	-2	-2	-2	-2	-2	-3	-3	-3	-3	-4
1937	Below Normal	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-5
1938	Wet	-5	0	0	0	0	0	0	0	0	0	-1	-1
1939	Dry	0	0	-11	-11	-10	-10	-65	-50	-20	-20	-18	2
1940	Above Normal	14	13	13	13	0	0	0	-1	-2	-2	-4	48
1941	Wet	47	33	0	0	0	0	0	0	0	0	0	0
1942	Wet	-5	-19	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	1	1	0	0	0	0	0	0	12	12	5
1944	Dry	4	11	11	11	11	8	7	7	7	7	5	3
1945	Below Normal	2	2	2	2	2	2	2	3	3	3	4	4
1946	Below Normal	4	0	0	0	0	0	0	0	-1	4	7	7
1947	Dry	4	3	3	3	3	3	3	3	2	2	-4	-1
1948	Below Normal	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	-1
1950	Below Normal	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2
1951	Above Normal	-1	0	0	0	0	1	1	1	1	1	1	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1953	Wet	0	-90	-3	0	0	0	0	0	0	0	0	0
1954	Above Normal	3	7	7	0	0	0	0	0	0	0	0	0
1955	Dry	-2	-3	-3	0	-2	-2	-1	-1	-1	-1	1	1
1956	Wet	-3	-3	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	2
1959	Below Normal	0	-70	-70	0	0	0	0	-1	-1	-1	-1	-1
1960	Dry	-3	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-6
1961	Dry	-5	-5	0	0	0	0	0	0	0	0	1	1
1962	Below Normal	0	-1	-1	-2	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	1	2	2	3	3
1966	Below Normal	3	7	7	7	7	0	0	0	0	0	-1	-1
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-11
1968	Below Normal	-11	-96	-99	-99	0	0	0	0	-1	-1	-1	-1
1969	Wet	-1	-1	-1	0	0	0	0	0	0	0	0	0
1970	Wet	-4	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-17
1974	Wet	-17	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	5	5	5	5	0	0	0	0	0	0	0
1976	Critical	0	-1	-1	-1	-1	-1	-1	-1	0	1	0	0
1977	Critical	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1979	Below Normal	-4	-134	-134	-128	-122	-128	-128	-113	-106	-64	-56	-55
1980	Above Normal	-59	-2	0	0	0	0	0	-1	-1	-1	-1	-50
1981	Dry	-53	-26	-26	-26	-26	-26	-26	-25	-25	-33	-24	-30
1982	Wet	-30	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	-1	-1	-1	0	0	0	0	0	0	0	0
1987	Dry	0	-8	-8	-8	-8	-8	-8	-7	-7	-7	-16	-14
1988	Critical	-9	-9	-9	-9	-8	-8	-9	-9	-10	-10	-10	-10
1989	Dry	-10	-10	-10	-8	-8	-8	-8	-8	-7	-7	-7	-7
1990	Critical	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	46	-15
1991	Critical	-19	-17	-17	-17	-17	-17	-17	-17	-18	-18	-19	-19
1992	Critical	-19	-19	-19	-19	-19	-19	-19	-20	-48	-15	-19	-17
1993	Above Normal	-16	0	0	0	0	-6	-6	0	0	1	1	1
1994	Critical	0	1	-1	-1	-1	-1	-1	-2	-5	-5	-5	-5
1995	Wet	-6	-7	-7	0	0	0	0	0	0	0	0	0
1996	Wet	-32	-168	-168	-168	0	0	0	0	0	0	-1	-1
1997	Wet	8	8	0	0	0	0	0	0	-1	3	3	2
1998	Wet	1	1	1	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	-1	-2	-2	-2	0	0	0	0	0	0	0	0
2001	Dry	0	0	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-3
2003	Above Normal	-4	-4	0	0	0	0	0	0	0	-1	-1	-1

Percent Change in Simulated End-of-Month Shasta Reservoir Storage (Node S4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1934	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%	-1%	-1%	0%
1940	Above Normal	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1941	Wet	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-4%	-4%	-4%	-4%	-3%	-3%	-3%	-3%	-2%	-2%	-2%
1980	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1981	Dry	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1989	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1991	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1992	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-3%	-1%	-2%	-2%
1993	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	-1%	-6%	-5%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,846	12,618	11,809	10,067	7,610
1923	Below Normal	4,955	6,814	3,282	3,085	2,972	3,231	2,755	9,932	10,120	10,821	8,212	3,432
1924	Critical	4,493	4,467	4,179	1,814	2,922	4,123	7,652	7,665	9,977	9,580	8,087	4,864
1925	Dry	3,562	2,869	2,906	120	1,633	3,001	2,952	5,369	9,081	10,883	9,310	5,124
1926	Dry	5,296	4,147	3,387	3,106	1,710	3,766	3,705	6,354	10,841	11,821	8,331	4,684
1927	Wet	4,257	2,801	3,499	3,871	24,039	3,146	9,428	8,633	10,971	11,585	9,453	14,434
1928	Above Normal	4,666	3,200	3,647	3,737	2,292	10,471	3,232	6,839	12,548	14,420	9,152	8,583
1929	Critical	5,091	5,099	3,035	0	3,115	3,212	5,997	7,063	8,843	10,114	10,858	4,194
1930	Dry	4,803	4,162	2,434	2,991	2,581	2,839	4,561	5,294	8,989	9,465	6,762	3,277
1931	Critical	3,887	3,474	3,251	3,023	3,069	3,017	9,180	7,284	8,708	10,330	7,739	3,144
1932	Dry	3,282	2,836	3,373	2,070	3,382	3,108	5,343	4,378	6,136	7,235	6,272	4,137
1933	Critical	4,134	3,486	3,238	3,373	3,251	3,253	5,045	5,210	6,969	6,822	11,871	5,824
1934	Critical	3,669	3,088	3,286	3,044	3,038	3,175	5,319	6,072	8,023	9,642	5,152	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,026	9,585	9,511	8,992	4,518
1936	Below Normal	4,291	3,968	3,491	2,091	2,816	4,046	4,418	5,933	8,315	11,336	8,095	3,658
1937	Below Normal	4,761	4,375	3,251	3,251	3,252	3,252	2,779	4,700	8,483	9,751	8,185	4,202
1938	Wet	3,627	3,831	16,725	4,241	28,181	32,392	10,694	7,578	9,780	11,693	9,423	10,341
1939	Dry	4,438	6,634	2,736	3,251	3,900	3,137	6,686	7,484	10,439	11,789	8,194	3,770
1940	Above Normal	4,700	4,779	3,334	2,176	26,007	19,297	3,947	6,634	11,024	13,086	9,431	5,247
1941	Wet	4,969	4,891	4,497	22,828	20,463	11,263	11,900	10,937	9,708	9,640	11,329	12,333
1942	Wet	5,437	8,426	9,975	17,061	25,435	4,393	3,700	10,007	9,023	10,449	10,319	12,242
1943	Wet	5,370	9,199	2,984	7,749	7,464	11,264	5,051	7,691	10,394	13,234	9,353	12,084
1944	Dry	4,785	8,326	3,950	3,813	2,773	1,957	6,133	5,264	7,425	9,965	7,472	3,212
1945	Below Normal	4,517	3,951	3,439	2,975	3,608	4,288	4,955	5,733	9,121	11,398	8,510	4,153
1946	Below Normal	5,960	4,544	21,222	6,831	4,260	4,420	6,955	7,884	10,839	11,910	8,944	4,463
1947	Dry	5,237	4,038	3,048	3,733	3,029	2,971	5,758	9,112	9,234	12,589	8,161	5,592
1948	Below Normal	3,865	3,715	3,765	2,771	3,062	3,066	3,612	8,883	9,081	12,659	9,309	5,878
1949	Dry	6,496	4,538	4,001	3,630	4,026	6,333	5,095	6,723	10,636	11,331	8,730	5,083
1950	Below Normal	5,541	4,444	4,078	3,715	3,978	4,394	3,771	6,458	8,856	9,217	7,544	3,180
1951	Above Normal	5,661	8,426	14,336	6,924	14,556	3,724	6,396	5,472	11,565	13,536	8,910	5,583
1952	Wet	4,408	6,542	9,002	7,751	16,976	10,309	17,152	8,894	7,833	9,554	10,720	8,733
1953	Wet	6,465	7,875	4,404	26,911	3,673	3,659	4,476	8,738	9,575	11,898	8,888	12,150
1954	Above Normal	3,727	8,952	3,058	9,854	16,981	8,256	9,789	7,431	10,487	13,531	9,621	8,813
1955	Dry	4,769	5,238	4,014	2,819	3,670	3,291	5,650	5,037	9,030	11,688	7,234	2,906
1956	Wet	4,428	3,400	26,403	28,406	20,332	3,269	3,201	10,773	9,741	9,587	8,468	11,409
1957	Above Normal	5,364	10,670	4,046	3,844	3,371	6,830	5,638	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,883	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,478
1959	Below Normal	6,380	9,613	4,223	4,237	12,726	2,537	6,993	8,187	12,189	12,971	9,490	1,970
1960	Dry	5,587	4,593	4,225	3,246	2,546	3,131	6,607	4,884	13,067	13,074	7,341	4,806
1961	Dry	4,735	3,838	4,655	3,071	9,119	5,610	6,287	7,313	11,104	13,544	9,786	4,850
1962	Below Normal	5,715	5,352	3,605	3,587	13,019	2,754	6,138	7,725	10,322	12,252	8,402	3,800
1963	Wet	7,242	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,802	12,060
1964	Dry	2,885	4,149	3,993	3,494	2,205	3,227	8,827	7,071	8,851	11,672	6,638	3,331
1965	Wet	3,577	3,471	17,697	19,879	4,223	4,503	6,116	6,974	10,258	11,207	7,770	11,025
1966	Below Normal	5,710	6,863	3,599	3,815	3,714	10,048	6,253	8,170	13,165	13,585	8,357	4,962
1967	Wet	5,752	3,439	9,302	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,546	10,468
1968	Below Normal	4,967	6,733	3,631	3,796	12,800	2,707	6,725	7,281	11,333	12,764	7,209	3,892
1969	Wet	4,203	3,416	3,063	21,775	19,852	5,140	11,360	10,987	10,203	10,534	9,290	10,284
1970	Wet	3,551	7,002	11,442	48,536	12,335	3,481	7,062	7,361	9,584	12,955	8,169	11,099
1971	Wet	5,806	4,464	4,807	13,470	3,970	16,508	5,390	8,533	9,420	12,338	8,117	10,003
1972	Below Normal	5,725	8,501	3,637	3,420	2,944	8,854	7,433	6,972	12,542	14,954	7,260	3,231
1973	Above Normal	4,347	4,055	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,699
1974	Wet	3,074	25,269	18,915	34,416	4,622	33,288	5,235	6,237	9,998	8,107	11,429	9,923
1975	Wet	6,039	10,916	2,990	3,106	3,572	24,494	3,882	9,184	10,836	9,277	9,347	10,507
1976	Critical	6,466	8,793	2,990	708	4,888	3,981	5,323	6,966	9,419	10,296	3,868	1,855
1977	Critical	6,688	5,033	4,445	4,006	6,262	4,277	9,890	5,789	13,041	11,976	5,433	3,811
1978	Above Normal	3,790	3,393	3,252	76	7,461	12,939	5,817	8,913	11,521	11,045	8,875	4,172
1979	Below Normal	6,003	5,754	4,179	4,461	3,398	2,765	3,254	5,360	10,616	11,588	6,332	3,159
1980	Above Normal	4,169	4,706	3,700	17,546	28,377	3,796	4,481	6,838	10,769	10,630	7,836	3,321
1981	Dry	4,370	7,703	3,730	3,212	2,578	2,604	3,568	8,184	14,298	12,709	7,282	3,371
1982	Wet	3,483	7,142	21,138	6,380	22,607	10,942	24,091	4,238	8,355	9,286	8,989	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,421	7,612	10,883	13,571	6,351	13,581
1985	Dry	3,105	3,969	5,392	3,242	3,119	3,252	5,922	9,027	10,644	10,268	7,797	4,074
1986	Wet	4,653	5,277	3,529	3,086	39,959	18,882	2,374	7,449	11,036	10,547	8,280	3,483
1987	Dry	3,502	6,478	3,822	3,075	2,838	2,765	7,234	9,133	13,822	11,899	5,964	3,807
1988	Critical	5,573	4,211	2,869	3,617	5,504	3,507	4,888	6,283	11,266	11,663	10,153	3,967
1989	Dry	5,210	2,814	3,446	1,495	3,249	1,953	3,255	9,124	9,258	11,944	7,444	2,273
1990	Critical	2,799	3,334	3,393	2,945	3,178	3,253	7,064	5,001	8,699	12,550	8,810	3,184
1991	Critical	4,066	3,486	3,251	3,251	3,252	2,971	3,254	6,149	8,055	9,431	5,727	3,516
1992	Critical	4,915	5,413	3,251	3,251	2,035	2,337	3,255	9,802	12,785	9,862	10,203	3,276
1993	Above Normal	6,552	3,633	2,984	2,465	2,108	2,238	4,285	6,744	9,615	12,986	7,617	8,940
1994	Critical	5,441	7,324	4,428	3,051	2,909	3,253	7,161	5,773	10,288	12,773	8,093	2,887
1995	Wet	4,756	3,923	3,225	10,392	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,372	8,319	2,141	3,050	31,708	8,782	4,171	10,888	9,613	10,817	8,095	10,719
1997	Wet	6,873	8,411	23,207	32,560	4,019	4,479	6,496	9,264	10,219	12,280	6,531	11,739
1998	Wet	6,575	7,779	3,008	9,064	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,106	11,924	8,405	10,668
2000	Above Normal	5,677	11,345	3,850	2,178	31,647	6,438	2,878	7,748	11,418	13,556	9,192	7,092
2001	Dry	5,817	8,672	4,178	2,932	2,262	2,292	5,356	8,884	13,286	11,530	5,834	3,638
2002	Dry	5,486	3,420	2,679	8,192	2,981	3,083	6,610	8,527	11,434	10,849	7,417	4,102
2003	Above Normal	6,030	4,739	8,733	13,692	4,151	3,122	8,379	12,870	10,354	14,297	6,804	6,575

Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	3,689	6,234	3,261	2,632	3,840	4,339	3,913	7,845	12,618	11,809	10,068	7,610
1923	Below Normal	4,955	6,819	3,282	3,085	2,972	3,231	2,755	9,929	10,116	10,818	8,208	3,432
1924	Critical	4,492	4,467	4,180	1,818	2,922	4,123	7,652	7,674	9,984	9,583	8,085	4,875
1925	Dry	3,569	2,869	2,906	109	1,633	3,001	2,952	5,372	9,083	10,884	9,313	5,127
1926	Dry	5,299	4,150	3,387	3,106	1,710	3,766	3,705	6,356	10,829	11,822	8,323	4,681
1927	Wet	4,259	2,801	3,499	3,871	24,020	3,146	9,428	8,633	10,973	11,585	9,455	14,436
1928	Above Normal	4,668	3,199	3,647	3,737	2,292	10,464	3,232	6,840	12,548	14,422	9,153	8,584
1929	Critical	5,093	5,099	3,034	0	3,115	3,212	5,998	7,064	8,844	10,115	10,858	4,195
1930	Dry	4,805	4,164	2,438	2,991	2,581	2,839	4,563	5,296	8,990	9,461	6,758	3,279
1931	Critical	3,888	3,476	3,251	3,023	3,069	3,017	9,181	7,293	8,716	10,333	7,698	3,144
1932	Dry	3,282	2,836	3,373	2,109	3,382	3,108	5,347	4,388	6,083	7,235	6,338	4,137
1933	Critical	4,145	3,490	3,238	3,373	3,251	3,253	5,083	5,224	6,980	6,830	11,880	5,835
1934	Critical	3,606	3,019	3,323	3,053	3,038	3,175	5,325	6,077	8,034	9,648	5,051	2,407
1935	Below Normal	2,592	3,654	3,251	3,251	3,067	3,163	2,482	4,032	9,592	9,515	8,998	4,524
1936	Below Normal	4,296	3,975	3,491	2,091	2,816	4,046	4,418	5,938	8,319	11,337	8,099	3,663
1937	Below Normal	4,766	4,381	3,251	3,251	3,252	3,252	2,779	4,703	8,487	9,746	8,188	4,206
1938	Wet	3,627	3,754	16,725	4,241	28,181	32,392	10,694	7,578	9,784	11,697	9,426	10,342
1939	Dry	4,427	6,640	2,903	3,251	3,893	3,137	7,615	7,236	9,944	11,789	8,161	3,431
1940	Above Normal	4,499	4,803	3,334	2,176	26,232	19,297	3,947	6,650	11,050	13,086	9,452	4,375
1941	Wet	4,979	5,135	5,031	22,828	20,463	11,263	11,900	10,937	9,710	9,638	11,329	12,333
1942	Wet	5,522	8,666	9,658	17,061	25,435	4,393	3,700	10,007	9,025	10,451	10,316	12,244
1943	Wet	5,371	9,177	2,984	7,768	7,464	11,264	5,051	7,691	10,388	13,051	9,347	12,201
1944	Dry	4,791	8,222	3,950	3,813	2,773	2,006	6,137	5,269	7,433	9,953	7,512	3,246
1945	Below Normal	4,520	3,951	3,439	2,975	3,608	4,288	4,955	5,730	9,117	11,387	8,505	4,152
1946	Below Normal	5,948	4,619	21,222	6,831	4,260	4,420	6,958	7,887	10,842	11,833	8,899	4,468
1947	Dry	5,283	4,044	3,048	3,734	3,029	2,971	5,761	9,116	9,253	12,592	8,244	5,555
1948	Below Normal	3,863	3,715	3,765	2,771	3,062	3,066	3,613	8,884	9,058	12,655	9,311	5,881
1949	Dry	6,496	4,540	4,001	3,630	4,026	6,331	5,096	6,724	10,637	11,331	8,728	5,100
1950	Below Normal	5,543	4,446	4,080	3,715	3,978	4,394	3,772	6,459	8,857	9,217	7,545	3,181
1951	Above Normal	5,654	8,405	14,336	6,924	14,556	3,705	6,402	5,473	11,567	13,536	8,912	5,586
1952	Wet	4,409	6,544	9,005	7,751	16,976	10,309	17,152	8,894	7,834	9,554	10,720	8,723
1953	Wet	6,469	9,401	2,980	26,866	3,673	3,659	4,470	8,744	9,575	11,903	8,883	12,150
1954	Above Normal	3,676	8,888	3,058	9,967	16,981	8,256	9,789	7,431	10,486	13,531	9,625	8,816
1955	Dry	4,793	5,264	4,014	2,764	3,698	3,291	5,649	5,036	9,030	11,684	7,201	2,904
1956	Wet	4,487	3,402	26,358	28,406	20,332	3,269	3,201	10,773	9,742	9,587	8,467	11,410
1957	Above Normal	5,364	10,670	4,047	3,844	3,371	6,827	5,639	8,666	10,530	13,503	8,833	6,209
1958	Wet	4,882	6,934	8,189	11,207	28,326	38,088	10,397	6,542	9,306	10,833	11,466	9,446
1959	Below Normal	6,411	10,795	4,223	3,095	12,726	2,537	7,000	8,196	12,194	12,971	9,491	1,972
1960	Dry	5,610	4,572	4,224	3,246	2,546	3,131	6,603	4,884	13,067	13,072	7,335	4,896
1961	Dry	4,727	3,838	4,566	3,071	9,119	5,610	6,287	7,312	11,104	13,544	9,768	4,847
1962	Below Normal	5,736	5,370	3,605	3,599	12,988	2,754	6,139	7,725	10,323	12,255	8,402	3,801
1963	Wet	7,237	5,151	8,661	4,377	7,595	5,970	28,876	5,224	9,898	13,202	8,803	12,060
1964	Dry	2,886	4,143	3,993	3,496	2,205	3,227	8,828	7,073	8,852	11,672	6,639	3,332
1965	Wet	3,577	3,471	17,692	19,879	4,223	4,503	6,116	6,960	10,240	11,206	7,758	11,019
1966	Below Normal	5,710	6,801	3,599	3,815	3,714	10,158	6,253	8,172	13,167	13,585	8,363	4,959
1967	Wet	5,752	3,439	9,295	8,323	6,941	14,391	9,225	13,713	9,420	10,706	10,545	10,650
1968	Below Normal	4,970	8,167	3,681	3,796	11,075	2,707	6,730	7,283	11,334	12,764	7,210	3,893
1969	Wet	4,203	3,416	3,063	21,765	19,852	5,140	11,360	10,987	10,204	10,535	9,290	10,283
1970	Wet	3,619	6,935	11,439	48,536	12,335	3,481	7,062	7,362	9,584	12,955	8,169	11,096
1971	Wet	5,806	4,463	4,809	13,470	3,970	16,508	5,390	8,533	9,420	12,338	8,117	10,003
1972	Below Normal	5,725	8,499	3,637	3,420	2,944	8,854	7,433	6,972	12,543	14,954	7,260	3,231
1973	Above Normal	4,347	4,054	6,670	13,394	17,113	5,950	4,051	6,384	11,745	13,459	7,237	5,981
1974	Wet	3,084	24,978	18,915	34,416	4,622	33,288	5,235	6,237	9,998	8,107	11,429	9,923
1975	Wet	6,039	10,823	2,990	3,106	3,572	24,583	3,882	9,184	10,836	9,277	9,348	10,507
1976	Critical	6,466	8,816	2,990	708	4,887	3,981	5,323	6,966	9,398	10,286	3,877	1,854
1977	Critical	6,700	5,034	4,446	4,008	6,271	4,277	9,890	5,796	13,049	11,973	5,400	3,812
1978	Above Normal	3,789	3,395	3,252	76	7,459	12,939	5,817	8,913	11,521	11,046	8,875	4,204
1979	Below Normal	6,038	7,939	4,175	4,361	3,298	2,865	3,254	5,125	10,502	10,908	6,207	3,157
1980	Above Normal	4,226	3,748	3,672	17,546	28,377	3,796	4,487	6,843	10,773	10,635	7,840	4,138
1981	Dry	4,420	7,257	3,730	3,212	2,578	2,604	3,567	8,171	14,298	12,838	7,143	3,470
1982	Wet	3,483	6,640	21,138	6,380	22,607	10,942	24,091	4,240	8,356	9,287	8,986	8,649
1983	Wet	7,014	5,869	12,131	17,481	32,987	37,134	12,277	8,743	11,381	11,335	11,755	9,580
1984	Wet	7,174	10,825	22,755	5,287	4,040	9,266	5,422	7,613	10,884	13,571	6,352	13,582
1985	Dry	3,106	3,964	5,392	3,242	3,119	3,252	5,923	9,028	10,644	10,269	7,798	4,075
1986	Wet	4,654	5,281	3,529	3,086	39,950	18,882	2,375	7,450	11,038	10,548	8,281	3,483
1987	Dry	3,503	6,601	3,822	3,075	2,838	2,765	7,234	9,128	13,822	11,899	6,108	3,771
1988	Critical	5,494	4,212	2,869	3,617	5,481	3,514	4,898	6,284	11,289	11,662	10,152	3,968
1989	Dry	5,218	2,814	3,446	1,460	3,249	1,953	3,255	9,117	9,248	11,939	7,443	2,273
1990	Critical	2,799	3,336	3,393	2,945	3,178	3,253	7,065	5,002	8,701	12,553	7,955	4,199
1991	Critical	4,130	3,460	3,251	3,251	3,252	2,971	3,254	6,154	8,058	9,447	5,734	3,515
1992	Critical	4,918	5,418	3,251	3,251	2,035	2,337	3,255	9,814	13,259	9,328	10,270	3,243
1993	Above Normal	6,545	3,363	2,984	2,465	2,108	2,338	4,285	6,644	9,615	12,977	7,610	8,935
1994	Critical	5,463	7,301	4,462	3,051	2,909	3,253	7,162	5,799	10,336	12,773	8,088	2,894
1995	Wet	4,774	3,935	3,225	10,276	6,376	43,959	7,213	11,955	8,988	10,597	11,033	8,572
1996	Wet	6,900	10,597	2,141	3,050	28,795	8,782	4,171	10,888	9,619	10,819	8,099	10,719
1997	Wet	6,735	8,410	23,332	32,560	4,019	4,479	6,499	9,267	10,222	12,229	6,532	11,746
1998	Wet	6,589	7,784	3,008	9,079	39,809	17,007	2,686	15,029	16,363	12,233	12,059	9,764
1999	Wet	7,493	9,385	9,941	6,877	22,287	10,963	3,927	9,196	10,108	11,925	8,407	10,663
2000	Above Normal	5,691	11,357	3,858	2,178	31,612	6,438	2,878	7,748	11,420	13,556	9,194	7,093
2001	Dry	5,815	8,675	4,203	2,932	2,262	2,292	5,359	8,883	13,282	11,527	5,826	3,639
2002	Dry	5,478	3,420	2,679	8,184	2,981	3,083	6,612	8,529	11,435	10,848	7,419	4,140
2003	Above Normal	6,045	4,740	8,674	13,692	4,151	3,122	8,379	12,870	10,356	14,308	6,806	6,570

Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	1	0	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	0	0	0	0	0	-3	-4	-3	-4	0
1924	Critical	0	0	0	4	0	0	0	9	7	3	-2	10
1925	Dry	8	0	0	-11	0	0	0	3	3	1	2	3
1926	Dry	3	3	0	0	0	0	0	2	-11	1	-9	-2
1927	Wet	2	0	0	0	-19	0	0	0	2	1	2	2
1928	Above Normal	2	-1	0	0	0	-7	0	2	0	2	1	0
1929	Critical	2	-1	-1	0	0	0	2	1	1	1	1	2
1930	Dry	2	3	4	0	0	0	2	2	1	-4	-4	1
1931	Critical	1	3	0	0	0	0	1	9	8	3	-41	0
1932	Dry	0	0	0	39	0	0	4	10	-53	0	66	0
1933	Critical	11	4	0	0	0	0	38	14	10	8	8	10
1934	Critical	-63	-69	37	8	0	0	5	5	11	5	-101	0
1935	Below Normal	0	0	0	0	0	0	0	6	6	4	6	6
1936	Below Normal	6	6	0	0	0	0	0	5	5	1	4	5
1937	Below Normal	5	6	0	0	0	0	0	3	4	-5	3	4
1938	Wet	0	-76	0	0	0	0	0	0	4	4	4	0
1939	Dry	-11	5	167	0	-7	0	929	-248	-495	0	-33	-340
1940	Above Normal	-201	25	0	0	225	0	0	15	25	0	21	-872
1941	Wet	10	244	534	0	0	0	0	0	2	-2	0	0
1942	Wet	85	240	-317	0	0	0	0	0	2	2	-4	1
1943	Wet	1	-22	0	19	0	0	0	0	-6	-183	-5	118
1944	Dry	6	-104	0	0	0	49	4	5	8	-12	40	35
1945	Below Normal	3	0	0	0	0	0	1	-2	-4	-11	-4	-1
1946	Below Normal	-12	75	0	0	0	0	3	3	3	-77	-45	4
1947	Dry	46	6	0	1	0	0	3	4	19	3	84	-37
1948	Below Normal	-2	0	0	0	0	0	1	1	-23	-3	1	2
1949	Dry	0	2	0	0	0	-2	1	1	1	0	-2	17
1950	Below Normal	2	2	2	0	0	0	1	1	1	0	1	1
1951	Above Normal	-7	-22	0	0	0	-19	6	1	2	0	1	3
1952	Wet	1	2	3	0	0	0	0	0	1	-1	0	-10
1953	Wet	4	1,526	-1,424	-45	0	0	-6	6	0	5	-5	0
1954	Above Normal	-51	-64	0	113	0	0	0	0	-1	0	4	3
1955	Dry	24	26	0	-55	28	0	-1	-2	0	-4	-33	-2
1956	Wet	59	3	-45	0	0	0	0	0	0	0	-1	2
1957	Above Normal	0	1	1	0	0	-3	0	0	0	0	0	0
1958	Wet	-1	0	0	0	0	0	0	0	0	0	0	-32
1959	Below Normal	31	1,182	0	-1,142	0	0	7	8	5	0	1	2
1960	Dry	23	-21	-1	0	0	0	-4	-1	0	-2	-6	90
1961	Dry	-8	0	-89	0	0	0	0	-1	-1	0	-18	-3
1962	Below Normal	21	18	0	12	-31	0	1	1	1	2	1	1
1963	Wet	-5	0	0	0	0	0	0	0	1	1	1	0
1964	Dry	1	-7	0	2	0	0	1	1	1	1	1	1
1965	Wet	0	0	-5	0	0	0	0	-14	-18	-2	-12	-6
1966	Below Normal	1	-62	0	0	0	110	0	3	2	0	7	-3
1967	Wet	-1	0	-8	0	0	0	0	0	0	1	0	182
1968	Below Normal	4	1,434	50	0	-1,725	0	5	2	1	0	1	1
1969	Wet	0	0	0	-10	0	0	0	0	0	0	0	-1
1970	Wet	68	-67	-3	0	0	0	0	0	0	0	0	-2
1971	Wet	0	-1	2	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	-2	0	0	0	1	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	282
1974	Wet	10	-291	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-92	0	0	0	89	0	0	0	0	0	0
1976	Critical	0	23	1	0	0	0	-1	-1	-21	-10	9	0
1977	Critical	12	1	1	2	9	0	0	7	8	-3	-34	1
1978	Above Normal	-1	2	0	0	-2	0	0	0	1	1	1	33
1979	Below Normal	35	2,185	-4	-100	-100	100	0	-235	-114	-680	-125	-2
1980	Above Normal	57	-958	-29	0	0	0	6	5	5	4	3	817
1981	Dry	50	-446	0	0	0	0	-1	-13	0	129	-140	98
1982	Wet	0	-502	0	0	0	0	0	1	1	1	-4	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	1	1	1	0	1	1
1985	Dry	1	-5	0	0	0	0	1	1	0	1	1	1
1986	Wet	1	4	0	0	-10	0	1	1	1	1	1	-1
1987	Dry	1	123	0	0	0	0	0	-5	0	0	144	-36
1988	Critical	-78	0	0	0	-23	7	10	1	23	-1	-1	1
1989	Dry	7	0	0	-34	0	0	0	-7	-9	-5	-1	0
1990	Critical	0	2	0	0	0	0	1	1	1	2	-855	1,015
1991	Critical	64	-26	0	0	0	0	0	5	3	16	8	0
1992	Critical	3	5	0	0	0	0	0	12	474	-534	67	-33
1993	Above Normal	-7	-270	0	0	0	100	0	-100	0	-10	-7	-5
1994	Critical	22	-23	35	0	0	0	1	27	48	0	-6	7
1995	Wet	18	12	0	-116	0	0	0	0	0	0	0	0
1996	Wet	528	2,279	0	0	-2,913	0	0	0	6	2	4	0
1997	Wet	-138	0	125	0	0	0	2	3	3	-51	1	7
1998	Wet	14	6	0	16	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	2	1	2	-5
2000	Above Normal	14	12	8	0	-35	0	0	0	2	0	2	1
2001	Dry	-2	3	25	0	0	0	2	-1	-5	-3	-8	2
2002	Dry	-8	0	0	-8	0	0	2	2	2	-1	2	38
2003	Above Normal	15	2	-60	0	0	0	0	0	2	10	2	-4

Percent Change in Simulated Shasta Reservoir Release to Sacramento River (Node C4)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1932	Dry	0%	0%	0%	2%	0%	0%	0%	0%	-1%	0%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1934	Critical	-2%	-2%	1%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	6%	0%	0%	0%	14%	-3%	-5%	0%	0%	-9%
1940	Above Normal	-4%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-17%
1941	Wet	0%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	2%	0%	0%	0%	0%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	19%	-32%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	12%	0%	-27%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1968	Below Normal	0%	21%	1%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	1%	38%	0%	-2%	-3%	4%	0%	-4%	-1%	-6%	-2%	0%
1980	Above Normal	1%	-20%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	25%
1981	Dry	1%	-6%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	3%
1982	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1988	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	32%
1991	Critical	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	4%	-5%	1%	-1%
1993	Above Normal	0%	-7%	0%	0%	0%	4%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	8%	27%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,540	2,741	3,100	3,238	3,212	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,745	1,798	1,978	1,984	1,935	1,829	1,668	1,240	1,152	1,116
1925	Dry	1,122	1,167	1,233	1,331	1,946	2,213	2,511	2,653	2,504	1,926	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,334	1,716	1,404	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,075	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,335	1,473	1,453	1,441	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,399	2,741	2,891	2,622	2,018	1,663	1,363
1931	Critical	1,309	1,335	1,361	1,494	1,620	1,823	1,725	1,668	1,536	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,263	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,309	1,410	1,497	1,464	1,535	1,594	1,527	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,641	1,639	1,528	1,343	1,210	1,095	1,055
1935	Below Normal	998	1,047	1,110	1,303	1,497	1,768	2,783	3,267	3,247	2,644	2,136	1,802
1936	Below Normal	1,647	1,560	1,519	2,031	2,788	2,954	3,354	3,538	3,538	2,956	2,459	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,768	2,118	2,503	2,845	2,502	1,937	1,440	1,336
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,433	2,530	2,612	2,804	2,755	2,618	2,414	1,787	1,409	1,244
1940	Above Normal	1,199	1,181	1,206	1,672	2,661	2,788	3,238	3,414	3,275	2,659	2,154	1,696
1941	Wet	1,577	1,551	2,063	2,634	2,788	2,918	3,334	3,538	3,538	3,120	2,972	2,411
1942	Wet	2,322	2,363	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,306	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,963	2,497	1,928
1944	Dry	1,801	1,781	1,553	1,624	1,761	1,976	2,106	2,334	2,145	1,551	1,241	1,163
1945	Below Normal	1,114	1,190	1,318	1,480	2,083	2,374	2,619	2,881	2,868	2,296	1,819	1,510
1946	Below Normal	1,405	1,493	2,139	2,541	2,745	3,038	3,364	3,538	3,408	2,824	2,329	2,035
1947	Dry	1,856	1,923	2,013	2,079	2,354	2,682	2,838	2,733	2,559	1,945	1,611	1,250
1948	Below Normal	1,248	1,251	1,252	1,520	1,613	1,809	2,468	2,935	3,099	2,566	2,069	1,889
1949	Dry	1,798	1,783	1,798	1,851	1,932	2,219	2,498	2,678	2,453	1,858	1,583	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,999
1951	Above Normal	2,025	2,594	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,841
1952	Wet	1,745	1,754	2,231	2,675	2,832	2,988	3,452	3,538	3,538	3,538	3,526	3,013
1953	Wet	2,887	2,907	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,706	2,181
1954	Above Normal	2,074	2,159	2,210	2,388	2,756	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,630	1,655	1,748	1,876	1,963	2,101	2,174	2,354	2,245	1,678	1,381	1,305
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,160	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,629	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,375	3,304	2,786
1959	Below Normal	2,657	2,678	2,504	2,829	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,524
1960	Dry	1,408	1,339	1,351	1,478	2,075	2,639	2,801	2,881	2,654	2,063	1,636	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,945	2,289	2,793	2,868	2,837	2,228	1,735	1,377
1963	Wet	2,051	2,178	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,436	2,529	2,635	2,544	1,956	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,723	2,177
1966	Below Normal	2,091	2,207	2,328	2,509	2,599	2,827	3,134	3,217	2,949	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,473	2,916
1968	Below Normal	2,803	2,818	2,764	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,637	1,698	1,921	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,199	2,678
1970	Wet	2,638	2,716	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,015	1,575
1971	Wet	1,452	1,656	2,040	2,381	2,649	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,105	3,266	3,347	3,109	2,474	1,995	1,659
1973	Above Normal	1,616	1,777	2,055	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,876
1974	Wet	1,812	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,672	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,968	1,677	1,359
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,536	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,875	2,079	2,394	2,762	2,988	3,273	2,961	2,399	1,993	1,714
1980	Above Normal	1,681	1,738	1,861	2,813	2,788	3,028	3,295	3,493	3,466	3,108	2,900	2,464
1981	Dry	2,301	2,274	2,319	2,466	2,706	2,980	3,145	3,132	2,824	2,186	1,796	1,571
1982	Wet	1,629	2,560	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,029	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,608	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,591	1,914	1,936	1,749	1,422	1,222	1,069	1,002
1988	Critical	1,043	1,155	1,451	1,701	1,743	1,829	1,865	1,840	1,653	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,832	1,603
1990	Critical	1,598	1,616	1,470	1,611	1,695	1,959	1,935	1,957	1,872	1,294	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,310	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,433	1,241	1,102	973
1993	Above Normal	1,017	1,051	1,215	1,755	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,063
1994	Critical	1,962	1,978	2,056	2,095	2,205	2,397	2,368	2,337	2,143	1,582	1,300	1,228
1995	Wet	1,199	1,234	1,337	2,606	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,252
1996	Wet	3,119	3,134	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,201	2,610	2,368	1,809
1998	Wet	1,692	1,762	1,961	2,700	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,503
2000	Above Normal	2,364	2,428	2,216	2,473	2,856	2,964	3,362	3,538	3,325	2,700	2,237	1,804
2001	Dry	1,711	1,707	1,493	1,558	1,657	1,867	1,934	1,863	1,578	1,241	1,130	1,039
2002	Dry	1,014	1,092	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,474	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	2,382	2,391	2,405	2,538	2,813	2,922	3,446	3,538	3,538	3,084	2,792	2,296
1923	Below Normal	2,196	2,198	2,278	2,530	2,539	2,740	3,099	3,237	3,211	2,645	2,159	1,937
1924	Critical	1,858	1,801	1,746	1,799	1,979	1,984	1,935	1,830	1,669	1,240	1,153	1,116
1925	Dry	1,123	1,168	1,233	1,331	1,946	2,214	2,512	2,654	2,505	1,927	1,654	1,329
1926	Dry	1,248	1,251	1,252	1,381	1,881	2,129	2,755	2,673	2,333	1,715	1,403	1,244
1927	Wet	1,241	1,517	1,503	1,803	2,788	2,999	3,396	3,538	3,538	2,973	2,492	1,881
1928	Above Normal	1,687	1,795	1,788	1,962	2,073	2,797	3,234	3,362	3,074	2,449	1,937	1,439
1929	Critical	1,248	1,216	1,210	1,253	1,334	1,473	1,453	1,440	1,321	1,199	1,097	1,068
1930	Dry	1,039	1,032	1,499	1,778	1,936	2,398	2,741	2,890	2,622	2,018	1,662	1,363
1931	Critical	1,308	1,335	1,361	1,494	1,619	1,822	1,724	1,667	1,535	1,240	1,108	1,078
1932	Dry	1,065	1,082	1,037	1,240	1,383	1,654	1,924	2,262	2,193	1,843	1,501	1,430
1933	Critical	1,337	1,286	1,308	1,409	1,496	1,464	1,534	1,593	1,526	1,240	1,155	1,126
1934	Critical	1,109	1,111	1,110	1,296	1,384	1,640	1,639	1,552	1,367	1,234	1,118	1,077
1935	Below Normal	1,018	1,067	1,131	1,323	1,517	1,788	2,803	3,288	3,268	2,664	2,156	1,822
1936	Below Normal	1,678	1,591	1,552	2,065	2,788	2,954	3,354	3,538	3,538	2,956	2,458	2,162
1937	Below Normal	1,926	1,822	1,556	1,597	1,767	2,118	2,502	2,844	2,497	1,933	1,435	1,331
1938	Wet	1,248	1,386	2,281	2,561	2,788	2,788	3,277	3,538	3,538	3,363	3,124	2,594
1939	Dry	2,510	2,534	2,434	2,530	2,613	2,806	2,719	2,583	2,380	1,755	1,375	1,244
1940	Above Normal	1,200	1,183	1,208	1,674	2,663	2,788	3,238	3,414	3,275	2,659	2,154	1,695
1941	Wet	1,576	1,550	2,062	2,633	2,788	2,918	3,334	3,538	3,538	3,119	2,971	2,411
1942	Wet	2,322	2,362	2,788	2,788	2,806	3,058	3,281	3,538	3,538	3,217	2,983	2,425
1943	Wet	2,305	2,419	2,732	2,788	2,890	2,937	3,350	3,527	3,538	2,953	2,487	1,918
1944	Dry	1,791	1,771	1,543	1,615	1,751	1,967	2,096	2,325	2,142	1,549	1,241	1,157
1945	Below Normal	1,108	1,184	1,312	1,473	2,076	2,368	2,613	2,875	2,862	2,290	1,813	1,504
1946	Below Normal	1,398	1,486	2,133	2,534	2,739	3,031	3,357	3,538	3,397	2,815	2,317	2,023
1947	Dry	1,850	1,917	2,007	2,073	2,348	2,676	2,832	2,727	2,553	1,939	1,607	1,245
1948	Below Normal	1,248	1,251	1,252	1,520	1,612	1,808	2,467	2,934	3,097	2,565	2,067	1,888
1949	Dry	1,796	1,781	1,797	1,850	1,931	2,217	2,496	2,676	2,452	1,857	1,581	1,243
1950	Below Normal	1,238	1,246	1,252	1,494	1,955	2,395	2,889	3,193	3,254	2,697	2,227	1,998
1951	Above Normal	2,025	2,593	2,866	2,846	2,925	3,105	3,362	3,538	3,385	2,771	2,283	1,839
1952	Wet	1,743	1,751	2,229	2,673	2,832	2,988	3,452	3,538	3,538	3,538	3,527	3,015
1953	Wet	2,890	2,911	2,918	2,809	3,059	3,059	3,284	3,538	3,538	3,026	2,704	2,178
1954	Above Normal	2,070	2,155	2,187	2,366	2,733	2,943	3,292	3,482	3,254	2,639	2,167	1,710
1955	Dry	1,634	1,659	1,752	1,880	1,967	2,105	2,178	2,358	2,249	1,681	1,381	1,289
1956	Wet	1,248	1,227	2,724	2,788	2,788	3,018	3,427	3,538	3,538	3,159	2,912	2,375
1957	Above Normal	2,307	2,341	2,115	2,225	2,628	2,990	3,167	3,460	3,485	2,878	2,396	1,969
1958	Wet	1,988	1,993	2,213	2,514	2,788	2,788	3,235	3,538	3,538	3,374	3,304	2,787
1959	Below Normal	2,658	2,679	2,502	2,827	2,839	3,054	3,139	3,205	2,947	2,295	1,785	1,518
1960	Dry	1,401	1,333	1,345	1,471	2,068	2,632	2,794	2,874	2,648	2,056	1,629	1,244
1961	Dry	1,236	1,251	1,319	1,433	1,732	1,994	2,117	2,198	2,079	1,488	1,244	1,213
1962	Below Normal	1,182	1,204	1,252	1,374	1,946	2,289	2,793	2,868	2,838	2,228	1,735	1,378
1963	Wet	2,051	2,179	2,545	2,889	3,057	2,927	3,180	3,538	3,493	2,900	2,443	1,912
1964	Dry	1,804	1,976	2,022	2,174	2,302	2,435	2,529	2,635	2,544	1,955	1,690	1,313
1965	Wet	1,248	1,251	2,788	2,788	2,997	3,096	3,354	3,538	3,538	2,987	2,724	2,178
1966	Below Normal	2,092	2,207	2,329	2,509	2,599	2,827	3,134	3,217	2,950	2,332	1,826	1,407
1967	Wet	1,254	1,366	1,735	2,371	2,812	2,847	3,236	3,538	3,538	3,538	3,472	2,913
1968	Below Normal	2,800	2,816	2,756	2,922	2,962	3,036	3,182	3,268	3,034	2,397	1,971	1,641
1969	Wet	1,636	1,697	1,920	2,788	2,788	3,027	3,470	3,538	3,538	3,321	3,203	2,681
1970	Wet	2,641	2,719	2,806	2,787	2,787	3,163	3,241	3,296	3,112	2,473	2,016	1,555
1971	Wet	1,432	1,637	2,020	2,361	2,629	3,162	3,433	3,538	3,538	3,030	2,669	2,125
1972	Below Normal	2,058	2,103	2,225	2,423	2,673	3,104	3,265	3,347	3,109	2,473	1,995	1,659
1973	Above Normal	1,615	1,777	2,054	2,662	2,788	2,951	3,294	3,538	3,282	2,662	2,297	1,877
1974	Wet	1,812	2,592	2,800	2,870	3,009	2,788	3,292	3,538	3,538	3,187	3,195	2,673
1975	Wet	2,555	2,615	2,673	2,749	2,884	2,833	3,277	3,538	3,538	3,057	2,985	2,449
1976	Critical	2,495	2,603	2,534	2,652	2,783	2,941	2,865	2,752	2,560	1,968	1,677	1,358
1977	Critical	1,248	1,243	1,211	1,192	1,176	1,189	1,082	1,024	807	750	749	757
1978	Above Normal	745	770	975	1,843	2,351	2,944	3,218	3,537	3,538	2,992	2,616	2,266
1979	Below Normal	2,128	2,107	1,970	2,174	2,489	2,857	3,083	3,369	3,058	2,497	2,091	1,813
1980	Above Normal	1,792	1,850	1,972	2,813	2,788	3,028	3,296	3,494	3,467	3,112	2,906	2,538
1981	Dry	2,376	2,351	2,397	2,544	2,784	3,024	3,190	3,176	2,868	2,234	1,827	1,600
1982	Wet	1,653	2,584	2,788	2,943	2,987	2,936	3,303	3,538	3,538	3,366	3,312	3,108
1983	Wet	3,149	2,981	2,930	2,854	2,788	2,788	3,208	3,538	3,538	3,538	3,538	3,351
1984	Wet	3,163	2,950	2,788	3,091	3,078	3,120	3,357	3,507	3,287	2,689	2,343	1,913
1985	Dry	1,821	2,028	2,190	2,281	2,471	2,705	2,956	2,848	2,552	1,964	1,671	1,382
1986	Wet	1,248	1,251	1,282	1,607	2,807	2,788	3,142	3,232	3,179	2,617	2,214	1,751
1987	Dry	1,639	1,666	1,416	1,431	1,590	1,914	1,936	1,749	1,419	1,219	1,066	999
1988	Critical	1,040	1,151	1,448	1,698	1,740	1,826	1,861	1,837	1,649	1,240	1,144	1,091
1989	Dry	1,137	1,260	1,355	1,421	1,544	2,735	3,121	3,013	2,724	2,150	1,837	1,616
1990	Critical	1,610	1,627	1,481	1,622	1,706	1,970	1,947	1,968	1,883	1,305	1,241	1,173
1991	Critical	1,192	1,230	1,248	1,246	1,252	1,607	1,806	1,939	1,761	1,309	1,257	1,235
1992	Critical	1,240	1,251	1,252	1,273	1,532	1,772	1,913	1,760	1,464	1,241	1,103	974
1993	Above Normal	1,018	1,052	1,215	1,756	2,266	2,964	3,456	3,538	3,538	3,003	2,549	2,064
1994	Critical	1,963	1,978	2,052	2,092	2,201	2,393	2,365	2,334	2,140	1,579	1,297	1,226
1995	Wet	1,197	1,232	1,335	2,604	2,788	2,788	3,208	3,538	3,538	3,538	3,470	3,242
1996	Wet	3,109	3,124	3,139	2,788	2,788	2,995	3,352	3,538	3,538	3,019	2,781	2,241
1997	Wet	2,143	2,245	2,788	2,788	2,952	3,123	3,305	3,346	3,210	2,616	2,375	1,815
1998	Wet	1,698	1,768	1,968	2,706	2,788	2,817	3,298	3,538	3,538	3,538	3,538	3,351
1999	Wet	3,163	3,008	3,107	2,788	2,788	2,817	3,203	3,531	3,538	2,998	2,825	2,502
2000	Above Normal	2,364	2,428	2,216	2,472	2,856	2,964	3,362	3,538	3,326	2,700	2,237	1,803
2001	Dry	1,711	1,707	1,498	1,564	1,662	1,872	1,940	1,868	1,583	1,241	1,130	1,039
2002	Dry	1,014	1,091	1,301	1,650	1,837	2,147	2,308	2,366	2,190	1,600	1,477	1,244
2003	Above Normal	1,214	1,251	1,692	2,253	2,553	2,912	3,287	3,538	3,538	2,898	2,449	1,968

Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	1
1924	Critical	1	1	1	1	1	1	1	1	1	0	1	1
1925	Dry	1	1	1	1	1	1	1	1	1	1	0	0
1926	Dry	0	0	0	0	0	0	0	0	-1	-1	-1	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	-1	-1	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0
1934	Critical	0	0	0	0	0	0	-1	24	24	24	22	22
1935	Below Normal	20	20	20	20	20	20	20	20	20	20	20	20
1936	Below Normal	31	31	33	33	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	-1	-1	-1	-1	-1	-1	-5	-5	-5	-5
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	1	1	1	1	-36	-35	-34	-32	-34	0
1940	Above Normal	1	2	2	2	2	0	0	0	0	0	0	-1
1941	Wet	-1	-1	-1	-1	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	-10	-10	-10
1944	Dry	-10	-10	-10	-10	-10	-10	-10	-10	-3	-2	0	-6
1945	Below Normal	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
1946	Below Normal	-7	-7	-7	-7	-7	-7	-7	0	-10	-9	-12	-12
1947	Dry	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4	-5
1948	Below Normal	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1
1949	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-2
1952	Wet	-2	-2	-2	-2	0	0	0	0	0	0	1	2
1953	Wet	3	4	0	0	0	0	0	0	0	0	-2	-3
1954	Above Normal	-4	-4	-22	-23	-23	0	0	0	0	0	0	0
1955	Dry	4	4	4	4	4	4	4	4	3	3	1	-15
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1959	Below Normal	1	1	-2	-2	0	0	0	0	0	0	0	-6
1960	Dry	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	0
1961	Dry	0	0	0	0	0	0	0	0	0	1	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	0	0	-2
1968	Below Normal	-2	-2	-8	0	0	0	0	0	0	0	0	0
1969	Wet	-1	-1	-1	0	0	0	0	0	0	-1	3	3
1970	Wet	3	3	0	0	0	0	0	0	0	0	0	-20
1971	Wet	-20	-19	-19	-19	-20	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1979	Below Normal	0	0	95	95	95	95	95	95	97	98	98	98
1980	Above Normal	111	111	112	0	0	0	0	1	2	4	6	74
1981	Dry	76	77	78	78	78	44	44	44	44	47	31	29
1982	Wet	24	24	0	0	0	0	0	0	0	0	0	-1
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	-3	-3	-3	-3
1988	Critical	-3	-3	-3	-3	-3	-3	-3	-3	-3	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	5	12
1990	Critical	12	12	11	11	11	11	11	11	11	11	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	-1	0	0
1992	Critical	0	0	0	0	0	0	0	0	30	0	1	1
1993	Above Normal	1	1	1	1	1	0	0	0	0	0	1	1
1994	Critical	1	1	-4	-4	-4	-4	-4	-4	-4	-3	-2	-2
1995	Wet	-2	-2	-2	-2	0	0	0	0	0	0	0	-10
1996	Wet	-10	-10	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	10	6	6	6
1998	Wet	6	6	6	6	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	5	5	5	5	5	5	5	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	2	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Oroville Reservoir Storage (Node S6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	2%
1935	Below Normal	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
1936	Below Normal	2%	2%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-2%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-1%
1945	Below Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	5%	5%	4%	3%	3%	3%	3%	4%	5%	6%
1980	Above Normal	7%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1981	Dry	3%	3%	3%	3%	3%	1%	1%	1%	2%	2%	2%	2%
1982	Wet	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Oroville Reservoir Release to Feather River (Node C6)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,369	1,613	2,558	3,470	3,733	10,952	9,407	5,047
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,805	4,626	8,233	2,830	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,554	11,053	6,143	6,845
1926	Dry	2,300	1,276	1,766	850	706	1,449	1,510	5,382	8,008	11,660	6,617	3,976
1927	Wet	1,022	1,560	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,288	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,980	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,978	1,659	1,644	1,712	2,169	1,565	4,354	4,800	4,955	3,568	3,065	1,549
1930	Dry	1,243	858	4,434	697	3,795	617	2,226	3,088	7,508	11,426	7,357	6,280
1931	Critical	1,785	864	840	791	797	684	4,795	3,497	4,319	6,084	3,446	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,278	7,166	2,480
1933	Critical	2,408	1,851	850	806	816	4,599	3,603	4,125	5,092	6,324	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,529	887	3,931	4,497	5,189	3,503	3,222	1,690
1935	Below Normal	1,705	841	813	1,398	805	669	1,783	3,427	5,349	11,524	9,902	6,793
1936	Below Normal	3,449	2,530	2,130	1,498	1,799	5,375	2,588	3,334	4,101	11,052	9,659	6,319
1937	Below Normal	4,689	2,649	5,490	1,620	1,524	1,545	2,676	3,614	10,112	10,792	9,733	2,962
1938	Wet	2,375	2,273	1,540	1,513	7,821	19,226	14,276	19,855	11,317	7,059	6,948	11,588
1939	Dry	4,143	2,566	4,873	1,607	1,693	1,587	5,501	5,095	5,652	11,638	7,572	3,886
1940	Above Normal	1,575	1,197	1,137	1,649	1,004	18,870	5,525	3,144	5,913	12,719	10,567	10,129
1941	Wet	3,776	2,495	1,526	1,515	14,683	11,296	4,625	10,666	6,234	10,600	5,281	12,020
1942	Wet	4,146	2,519	5,777	14,192	17,466	2,630	11,198	7,824	9,163	9,200	6,808	11,962
1943	Wet	4,550	2,398	1,529	14,800	7,325	15,925	5,252	3,413	4,833	12,391	10,120	11,950
1944	Dry	4,588	2,735	5,315	2,051	2,017	2,003	3,635	3,641	6,999	11,378	6,787	2,663
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,548	2,972	3,115	4,382	11,412	9,652	6,668
1946	Below Normal	3,342	1,595	1,534	1,524	1,529	1,547	3,243	3,865	5,767	12,098	10,248	6,397
1947	Dry	3,946	1,671	1,531	1,610	1,514	1,538	2,846	4,709	5,708	11,512	7,024	7,332
1948	Below Normal	1,606	1,447	1,357	1,738	1,122	861	1,420	2,625	3,867	11,972	10,168	4,426
1949	Dry	2,473	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,391	6,052	6,857
1950	Below Normal	875	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,448	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,310	9,759
1952	Wet	4,015	2,476	1,535	1,521	10,011	6,936	18,982	22,851	11,669	4,970	3,385	11,192
1953	Wet	4,635	2,550	4,774	20,841	1,520	6,087	6,072	5,485	8,275	12,455	8,150	11,400
1954	Above Normal	4,308	2,473	2,797	2,720	1,522	7,585	7,182	3,408	7,803	12,722	10,116	10,063
1955	Dry	3,683	1,674	1,526	1,540	1,609	1,596	3,524	3,540	5,137	10,918	6,475	2,655
1956	Wet	1,813	1,687	2,173	19,783	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,818	1,594	3,641	3,213	3,123	3,155	4,121	12,568	9,780	8,899
1958	Wet	1,665	2,358	1,526	1,509	17,279	11,763	8,509	12,677	9,336	6,922	4,146	11,282
1959	Below Normal	4,706	2,638	6,136	1,460	6,677	2,117	4,228	3,598	6,888	12,375	9,879	5,851
1960	Dry	2,802	2,089	1,148	1,090	967	779	3,948	3,557	6,760	11,425	8,443	7,885
1961	Dry	1,096	1,497	1,582	1,075	962	854	2,977	3,592	5,191	11,323	5,640	1,774
1962	Below Normal	1,432	884	1,392	831	660	587	2,733	5,648	5,381	11,858	9,654	7,341
1963	Wet	1,060	1,019	980	978	15,270	8,109	13,695	5,478	5,944	12,815	9,819	11,346
1964	Dry	3,571	1,625	1,486	1,470	1,494	1,506	4,039	3,314	4,685	11,073	5,854	7,601
1965	Wet	1,904	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,996	7,020	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,462	12,389	10,160	8,176
1967	Wet	3,320	1,587	1,530	1,498	1,517	11,989	2,768	11,876	11,056	4,358	3,915	11,902
1968	Below Normal	4,680	2,444	4,019	1,791	11,573	6,449	3,885	3,639	6,731	12,676	9,396	7,723
1969	Wet	1,947	1,561	1,517	10,266	12,367	6,318	9,203	15,400	6,408	6,389	4,848	11,880
1970	Wet	4,245	2,452	8,959	35,711	10,502	3,980	3,489	3,516	5,132	12,128	9,802	9,808
1971	Wet	4,241	2,614	2,053	2,034	2,017	5,247	6,305	10,580	8,197	11,938	8,963	11,621
1972	Below Normal	4,496	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,631	11,629	9,461	7,168
1973	Above Normal	1,693	1,558	1,501	1,498	7,678	5,948	2,899	5,090	6,925	11,338	7,547	8,478
1974	Wet	3,162	1,576	6,850	20,369	5,602	26,162	9,959	8,485	7,265	9,864	3,235	11,261
1975	Wet	4,070	2,397	1,781	1,628	5,595	12,729	2,597	10,973	8,992	10,947	4,172	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,656	3,726	4,096	10,039	5,386	6,806
1977	Critical	2,611	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,307	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,455	6,176	3,614	4,695	10,618	8,787	8,651
1979	Below Normal	4,693	2,450	5,890	1,175	1,063	889	2,473	3,643	8,030	11,377	8,671	6,215
1980	Above Normal	3,111	1,755	1,674	5,045	17,951	5,136	2,882	3,334	3,609	8,168	5,041	9,124
1981	Dry	4,691	2,603	2,900	1,582	1,494	1,486	2,591	3,458	7,289	11,527	7,558	5,641
1982	Wet	1,366	1,067	15,186	8,118	17,776	13,215	20,114	10,722	6,662	6,625	3,901	6,438
1983	Wet	2,902	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,653	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,533	6,585	11,555	5,903	6,272
1986	Wet	4,107	1,248	2,114	1,450	20,968	21,975	2,622	3,539	4,494	11,479	8,745	11,324
1987	Dry	4,752	2,485	5,718	1,650	1,576	1,487	2,791	4,632	6,093	3,577	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,653	4,260	7,513	2,462	2,298
1989	Dry	1,184	1,472	690	658	964	577	2,613	5,210	6,906	10,832	6,859	5,230
1990	Critical	2,577	2,470	4,736	666	662	571	3,740	2,223	3,719	10,503	2,238	2,638
1991	Critical	1,489	685	1,200	872	1,061	1,089	1,678	2,045	4,749	8,887	2,214	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,118	4,202	6,265	4,100	3,382	3,876
1993	Above Normal	1,137	780	738	1,302	668	8,397	4,955	9,632	6,981	12,104	10,093	10,425
1994	Critical	4,324	2,357	2,155	1,067	985	792	3,509	3,042	4,140	10,197	5,634	2,812
1995	Wet	2,127	1,104	1,647	945	7,158	33,839	14,288	20,071	13,364	5,209	4,538	6,539
1996	Wet	4,664	2,456	4,922	12,003	20,967	9,934	7,955	11,925	5,514	11,717	6,573	11,449
1997	Wet	4,176	2,519	13,659	40,731	10,066	5,233	3,511	3,376	4,907	11,436	6,109	11,157
1998	Wet	4,440	2,574	2,027	1,448	16,835	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,149	2,909	3,382	4,233	11,408	5,526	7,005
2000	Above Normal	4,427	2,412	6,315	1,540	7,770	9,179	2,357	3,695	6,757	12,840	9,846	9,545
2001	Dry	3,941	2,462	6,269	1,585	1,556	1,463	2,773	4,631	6,179	6,847	2,979	2,573
2002	Dry	2,629	1,231	1,654	995	1,077	775	3,309	2,827	4,374	10,778	3,487	5,900
2003	Above Normal	2,325	1,846	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,425	10,266

Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	5,073	2,507	3,187	1,514	2,641	4,626	3,494	18,978	9,293	10,867	7,422	10,698
1923	Below Normal	4,145	2,536	3,770	1,523	3,377	1,613	2,558	3,470	3,733	10,951	9,406	5,033
1924	Critical	2,252	1,706	1,720	1,593	1,595	2,287	3,655	3,798	4,629	8,244	2,822	1,700
1925	Dry	847	840	768	1,414	754	646	2,015	2,852	5,552	11,053	6,147	6,847
1926	Dry	2,303	1,276	1,766	853	706	1,450	1,510	5,383	8,012	11,660	6,628	3,957
1927	Wet	1,021	1,559	4,096	706	2,671	6,935	6,543	6,337	4,734	12,177	10,289	11,893
1928	Above Normal	4,146	2,541	2,715	1,509	4,222	7,978	2,578	3,539	7,713	12,524	10,122	9,618
1929	Critical	3,977	1,660	1,644	1,711	2,170	1,565	4,354	4,801	4,955	3,568	3,066	1,549
1930	Dry	1,243	858	4,434	697	3,796	617	2,226	3,088	7,510	11,426	7,357	6,281
1931	Critical	1,785	864	840	791	797	684	4,795	3,499	4,322	6,073	3,447	1,519
1932	Dry	1,047	846	4,347	771	1,459	2,773	3,295	2,470	5,573	7,279	7,167	2,480
1933	Critical	2,411	1,854	850	806	816	4,599	3,603	4,125	5,095	6,311	2,789	1,546
1934	Critical	1,096	874	2,584	1,395	3,530	894	3,936	4,096	5,188	3,502	3,245	1,697
1935	Below Normal	1,730	845	814	1,398	805	669	1,783	3,427	5,348	11,526	9,905	6,796
1936	Below Normal	3,263	2,528	2,093	1,498	2,381	5,375	2,588	3,334	4,101	11,053	9,660	6,319
1937	Below Normal	4,689	2,649	5,496	1,620	1,524	1,545	2,676	3,614	10,185	10,793	9,734	2,962
1938	Wet	2,295	2,273	1,540	1,511	7,823	19,226	14,276	19,855	11,317	7,060	6,949	11,588
1939	Dry	4,143	2,566	4,864	1,604	1,688	1,579	6,134	5,076	5,638	11,609	7,605	3,312
1940	Above Normal	1,560	1,187	1,133	1,649	1,004	18,899	5,525	3,144	5,913	12,719	10,572	10,132
1941	Wet	3,779	2,495	1,526	1,515	14,669	11,296	4,624	10,666	6,234	10,552	5,282	12,019
1942	Wet	4,145	2,518	5,775	14,192	17,466	2,630	11,198	7,824	9,163	9,201	6,814	11,962
1943	Wet	4,550	2,398	1,529	14,793	7,325	15,925	5,252	3,412	4,834	12,555	10,117	11,948
1944	Dry	4,586	2,734	5,313	2,051	2,017	2,003	3,636	3,641	6,881	11,369	6,753	2,766
1945	Below Normal	1,730	1,625	2,168	1,504	1,510	1,547	2,972	3,116	4,381	11,418	9,650	6,667
1946	Below Normal	3,348	1,595	1,534	1,523	1,529	1,547	3,243	3,757	5,943	12,073	10,291	6,399
1947	Dry	3,851	1,670	1,531	1,610	1,514	1,538	2,846	4,711	5,709	11,514	6,995	7,352
1948	Below Normal	1,517	1,447	1,357	1,739	1,145	861	1,420	2,625	3,867	11,972	10,169	4,426
1949	Dry	2,477	1,669	1,560	1,615	1,611	1,569	3,254	3,305	6,650	11,392	6,046	6,836
1950	Below Normal	874	898	1,079	1,349	703	618	2,829	3,340	3,821	11,780	9,914	5,665
1951	Above Normal	2,058	1,560	11,447	11,507	10,677	4,468	3,308	3,707	6,272	12,602	10,311	9,795
1952	Wet	4,015	2,476	1,535	1,521	9,972	6,936	18,982	22,851	11,669	4,970	3,372	11,175
1953	Wet	4,613	2,535	4,839	20,841	1,525	6,083	6,072	5,485	8,275	12,461	8,172	11,413
1954	Above Normal	4,324	2,485	3,094	2,722	1,524	7,215	7,182	3,408	7,803	12,724	10,118	10,064
1955	Dry	3,617	1,675	1,526	1,540	1,610	1,596	3,524	3,541	5,138	10,920	6,516	2,926
1956	Wet	1,563	1,688	2,174	19,781	11,184	6,428	5,420	12,858	7,158	10,416	6,756	11,689
1957	Above Normal	4,166	2,607	6,819	1,594	3,642	3,211	3,123	3,155	4,121	12,568	9,781	8,899
1958	Wet	1,664	2,358	1,526	1,509	17,280	11,763	8,509	12,677	9,336	6,925	4,147	11,269
1959	Below Normal	4,705	2,638	6,176	1,460	6,644	2,117	4,228	3,598	6,891	12,377	9,881	5,952
1960	Dry	2,803	2,090	1,148	1,090	967	779	3,950	3,557	6,760	11,425	8,453	7,763
1961	Dry	1,096	1,497	1,582	1,075	962	855	2,977	3,592	5,191	11,311	5,646	1,774
1962	Below Normal	1,432	884	1,397	825	660	587	2,733	5,649	5,381	11,858	9,655	7,341
1963	Wet	1,060	1,019	980	978	15,275	8,109	13,695	5,478	5,944	12,815	9,819	11,347
1964	Dry	3,572	1,625	1,486	1,470	1,494	1,506	4,040	3,314	4,686	11,074	5,853	7,602
1965	Wet	1,900	1,813	2,998	18,949	4,652	5,154	9,338	5,998	5,015	11,992	7,021	11,738
1966	Below Normal	4,553	2,357	1,486	1,477	1,561	1,574	3,236	3,245	6,464	12,389	10,161	8,174
1967	Wet	3,321	1,587	1,530	1,498	1,517	11,991	2,768	11,876	11,056	4,358	3,916	11,941
1968	Below Normal	4,680	2,444	4,103	1,667	11,573	6,449	3,885	3,640	6,732	12,676	9,396	7,724
1969	Wet	1,958	1,561	1,517	10,252	12,367	6,318	9,203	15,400	6,408	6,403	4,781	11,880
1970	Wet	4,245	2,452	9,012	35,711	10,502	3,980	3,489	3,515	5,132	12,126	9,800	10,143
1971	Wet	4,238	2,612	2,053	2,035	2,017	4,929	6,305	10,580	8,197	11,938	8,963	11,623
1972	Below Normal	4,497	2,355	1,504	1,493	1,495	1,521	3,473	3,322	5,632	11,629	9,461	7,168
1973	Above Normal	1,693	1,558	1,501	1,498	7,674	5,948	2,899	5,090	6,925	11,337	7,547	8,478
1974	Wet	3,168	1,576	6,846	20,369	5,602	26,162	9,959	8,485	7,265	9,864	3,235	11,261
1975	Wet	4,070	2,397	1,778	1,628	5,599	12,729	2,597	10,973	8,992	10,946	4,172	11,492
1976	Critical	1,636	2,392	4,924	1,482	1,599	1,649	3,657	3,726	4,097	10,049	5,386	6,806
1977	Critical	2,602	1,150	1,213	1,202	1,204	1,010	2,737	2,039	4,308	1,500	1,500	1,500
1978	Above Normal	1,160	912	819	1,333	815	5,454	6,176	3,612	4,696	10,619	8,789	8,653
1979	Below Normal	4,688	2,447	4,348	1,175	1,064	886	2,471	3,641	8,006	11,343	8,668	6,210
1980	Above Normal	2,904	1,752	1,672	6,861	17,951	5,136	2,875	3,326	3,597	8,135	5,007	7,971
1981	Dry	4,667	2,586	2,878	1,586	1,502	2,025	2,595	3,464	7,291	11,461	7,819	5,678
1982	Wet	1,442	1,076	15,574	8,118	17,776	13,215	20,114	10,722	6,662	6,628	3,901	6,443
1983	Wet	2,894	8,583	10,782	12,469	21,512	31,803	9,605	14,414	14,605	5,847	3,790	6,513
1984	Wet	5,548	14,494	24,126	5,383	8,392	8,843	3,130	3,538	7,654	12,543	7,726	9,577
1985	Dry	3,962	1,538	1,485	1,649	1,542	1,514	3,033	5,534	6,585	11,555	5,903	6,272
1986	Wet	4,105	1,248	2,116	1,450	20,968	21,973	2,622	3,539	4,494	11,480	8,746	11,324
1987	Dry	4,752	2,485	5,723	1,650	1,576	1,487	2,791	4,631	6,143	3,578	2,872	2,636
1988	Critical	1,421	978	1,612	954	1,500	1,488	2,033	2,654	4,260	7,458	2,462	2,299
1989	Dry	1,185	1,472	690	658	964	576	2,613	5,209	6,906	10,833	6,778	5,107
1990	Critical	2,588	2,470	4,741	666	662	571	3,740	2,223	3,720	10,504	2,420	2,640
1991	Critical	1,490	685	1,200	872	1,058	1,091	1,678	2,045	4,748	8,895	2,204	2,438
1992	Critical	1,121	864	1,232	1,061	723	556	2,117	4,201	5,753	4,596	3,372	3,875
1993	Above Normal	1,136	779	737	1,302	668	8,410	4,955	9,632	6,981	12,100	10,090	10,424
1994	Critical	4,325	2,357	2,222	1,067	985	792	3,509	3,042	4,140	10,181	5,629	2,812
1995	Wet	2,127	1,104	1,647	945	7,119	33,839	14,288	20,071	13,364	5,209	4,538	6,704
1996	Wet	4,664	2,456	4,762	12,003	20,967	9,934	7,955	11,925	5,514	11,655	6,577	11,450
1997	Wet	4,176	2,518	13,654	40,731	10,066	5,233	3,511	3,376	4,742	11,490	6,110	11,158
1998	Wet	4,440	2,574	2,027	1,448	16,950	14,074	4,147	10,097	14,286	5,617	3,613	6,368
1999	Wet	5,511	8,299	5,813	13,659	16,359	11,148	2,909	3,382	4,233	11,409	5,528	7,005
2000	Above Normal	4,427	2,412	6,317	1,540	7,766	9,179	2,357	3,695	6,757	12,840	9,847	9,546
2001	Dry	3,941	2,462	6,183	1,585	1,556	1,463	2,773	4,632	6,179	6,931	2,979	2,573
2002	Dry	2,629	1,232	1,654	995	1,077	775	3,309	2,827	4,374	10,779	3,448	5,939
2003	Above Normal	2,326	1,845	2,123	1,455	1,457	1,477	1,998	6,862	4,988	12,705	9,426	10,267

Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	8	0	0	0	0	-2	-1	-14
1924	Critical	0	0	0	0	0	0	0	-7	3	12	-9	0
1925	Dry	0	0	0	0	0	0	0	0	-2	1	4	3
1926	Dry	3	0	0	3	0	1	0	0	4	0	11	-20
1927	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1928	Above Normal	0	0	0	0	0	-1	0	0	0	0	0	0
1929	Critical	-1	1	0	-1	1	0	0	1	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	2	0	0	1
1931	Critical	0	0	0	0	0	0	0	2	3	-12	1	0
1932	Dry	0	0	0	0	0	0	0	0	0	2	2	0
1933	Critical	3	3	0	0	0	0	0	0	3	-13	0	0
1934	Critical	0	0	0	0	1	7	5	-401	-1	-1	23	7
1935	Below Normal	25	4	2	0	0	0	-1	-1	-1	2	3	3
1936	Below Normal	-186	-2	-38	0	582	0	0	0	0	1	1	0
1937	Below Normal	0	0	6	0	0	0	0	0	73	1	1	0
1938	Wet	-80	0	0	-2	2	0	0	0	0	0	1	0
1939	Dry	0	0	-10	-3	-5	-8	633	-19	-14	-28	33	-574
1940	Above Normal	-15	-10	-4	0	0	29	0	0	0	0	5	3
1941	Wet	4	0	0	0	-14	0	0	0	0	-48	2	-1
1942	Wet	-1	-1	-3	0	0	0	0	0	0	1	6	0
1943	Wet	0	0	0	-7	0	0	0	0	0	164	-2	-1
1944	Dry	-1	-1	-2	0	0	0	0	0	-118	-9	-34	103
1945	Below Normal	0	0	0	0	0	-1	0	0	-1	7	-1	-1
1946	Below Normal	6	0	0	0	0	0	0	-108	176	-25	43	2
1947	Dry	-95	0	0	0	0	0	0	2	2	2	-29	20
1948	Below Normal	-89	0	0	0	23	0	0	0	0	0	0	-1
1949	Dry	4	0	0	0	0	0	0	0	0	0	-6	-22
1950	Below Normal	0	0	1	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	-1	0	0	0	0	0	1	0	0	37
1952	Wet	0	0	0	0	-39	0	0	0	0	0	-13	-17
1953	Wet	-22	-15	66	0	4	-4	0	0	0	6	23	14
1954	Above Normal	16	11	297	2	1	-370	0	1	0	1	1	1
1955	Dry	-67	1	1	0	1	1	1	1	1	2	41	271
1956	Wet	-249	1	1	-2	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	1	0	0	-1	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	3	0	-13
1959	Below Normal	0	0	40	0	-33	0	0	0	2	2	2	102
1960	Dry	1	1	0	0	0	0	2	0	0	0	9	-122
1961	Dry	0	0	0	0	0	0	0	0	0	-12	6	0
1962	Below Normal	0	0	6	-6	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	5	0	0	0	0	0	0	1
1964	Dry	1	0	0	0	0	0	1	0	0	0	0	1
1965	Wet	-4	0	0	0	0	0	0	0	0	-5	1	0
1966	Below Normal	0	0	0	0	0	0	0	0	1	0	1	-1
1967	Wet	1	0	0	0	0	2	0	0	0	0	1	39
1968	Below Normal	0	0	84	-123	0	0	0	0	1	0	1	0
1969	Wet	11	0	0	-14	0	0	0	0	0	14	-68	0
1970	Wet	0	0	53	0	0	0	0	-1	1	-2	-1	335
1971	Wet	-3	-1	-1	0	0	-318	0	0	0	0	0	1
1972	Below Normal	1	1	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	-4	0	0	0	0	-2	0	0
1974	Wet	6	0	-4	0	0	0	0	0	0	1	0	0
1975	Wet	0	0	-3	0	4	0	0	0	0	0	-1	0
1976	Critical	0	0	0	0	0	0	0	0	0	9	-1	0
1977	Critical	-9	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	-1	2	2	3	2
1979	Below Normal	-4	-3	-1,542	0	0	-2	-1	-2	-23	-35	-3	-5
1980	Above Normal	-207	-4	-2	1,816	0	0	-6	-8	-12	-33	-34	-1,152
1981	Dry	-24	-17	-22	4	8	538	4	6	3	-67	261	37
1982	Wet	76	9	388	0	0	0	0	0	0	3	0	6
1983	Wet	-9	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	-2	0	2	0	0	-2	0	0	0	0	0	0
1987	Dry	0	0	5	0	0	0	0	-1	51	0	0	0
1988	Critical	0	0	0	0	0	0	0	1	1	-55	0	0
1989	Dry	0	0	0	0	0	0	0	-1	-1	0	-81	-123
1990	Critical	11	0	5	0	0	0	0	0	1	1	181	2
1991	Critical	0	0	0	0	-3	3	0	0	-1	8	-10	0
1992	Critical	0	0	0	0	0	0	0	-1	-512	496	-11	-1
1993	Above Normal	-1	0	0	0	0	12	0	0	0	-4	-4	-1
1994	Critical	0	0	67	0	0	0	0	0	0	-16	-6	0
1995	Wet	0	0	0	0	-39	0	0	0	0	0	0	165
1996	Wet	0	0	-160	0	0	0	0	0	0	-62	4	1
1997	Wet	0	0	-5	0	0	0	0	0	-165	54	1	1
1998	Wet	0	0	0	0	114	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	1	1	0
2000	Above Normal	0	0	2	0	-4	0	0	0	0	0	1	1
2001	Dry	-1	0	-86	0	0	0	0	1	1	84	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	-39	39
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	1	1

Percent Change in Simulated Oroville Reservoir Release to Feather River (Node C6)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	1%	0%	-9%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-5%	0%	-2%	0%	32%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	12%	0%	0%	0%	0%	-15%
1940	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1947	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-6%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	11%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%
1956	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	2%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1970	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1971	Wet	0%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-7%	0%	0%	36%	0%	0%	0%	0%	0%	0%	-1%	-13%
1981	Dry	-1%	-1%	-1%	0%	1%	36%	0%	0%	0%	-1%	3%	1%
1982	Wet	6%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-8%	12%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	3%
1996	Wet	0%	0%	-3%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Future No Action (taf)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	758	648
1924	Critical	541	478	409	351	358	347	342	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	541
1926	Dry	525	488	452	411	575	649	800	789	612	474	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	481	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	303	265	291	344	406	465	464	404	340	304
1930	Dry	285	267	407	489	557	670	770	792	675	480	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	507	315	279	243
1934	Critical	259	236	339	447	544	666	606	466	243	194	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	673	661	598	419	360	361
1940	Above Normal	343	317	304	575	562	634	800	975	972	743	674	462
1941	Wet	428	350	531	575	574	669	800	975	975	950	800	590
1942	Wet	575	494	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	782	767	557
1944	Dry	497	400	349	320	383	510	570	676	600	488	435	395
1945	Below Normal	363	432	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	556	575	575	571	563	659	800	975	975	751	669	645
1947	Dry	547	562	559	512	575	672	764	792	655	500	424	380
1948	Below Normal	386	376	345	416	416	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	526
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	587	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	644	522	559	574	566	634	800	975	975	907	800	650
1954	Above Normal	599	538	520	548	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	526	603	739	733	615	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	644
1959	Below Normal	621	509	444	498	575	666	756	786	736	440	389	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	539
1961	Dry	487	453	417	355	372	439	508	585	587	379	320	312
1962	Below Normal	292	285	311	327	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	440
1965	Wet	402	414	388	384	408	564	800	975	975	798	797	592
1966	Below Normal	508	516	507	529	536	651	800	855	798	502	468	465
1967	Wet	417	440	575	570	555	646	800	975	975	950	800	623
1968	Below Normal	619	547	538	566	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	383
1971	Wet	350	468	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	563
1974	Wet	562	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	499	480	479	575	673	800	975	975	924	800	632
1976	Critical	672	530	494	440	416	445	463	493	473	437	415	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	600	546	495	566	575	668	800	975	824	680	651	641
1980	Above Normal	600	575	575	460	427	628	800	975	975	950	800	589
1981	Dry	570	475	432	434	441	594	688	720	656	452	406	402
1982	Wet	388	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	445	384	346	381	502	560	552	457	305	253	268
1988	Critical	256	257	331	438	446	476	532	540	476	403	349	334
1989	Dry	317	388	439	471	521	653	800	823	620	463	424	418
1990	Critical	422	407	364	375	396	501	571	587	545	447	395	378
1991	Critical	314	263	205	144	104	298	432	559	571	474	313	248
1992	Critical	255	256	261	251	423	570	604	543	434	115	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	630
1994	Critical	600	498	460	397	401	435	482	526	523	436	383	339
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	600	510	575	562	478	628	800	975	975	863	800	608
1997	Wet	534	484	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	844	800	600
2000	Above Normal	567	465	410	571	563	667	800	975	930	660	629	578
2001	Dry	547	470	421	390	417	531	629	681	620	484	408	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	540
2003	Above Normal	479	463	566	568	554	636	800	975	975	739	714	586

Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 5 (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	497	433	487	505	575	673	800	975	975	950	800	577
1923	Below Normal	543	494	575	575	488	544	800	975	974	790	759	648
1924	Critical	542	478	409	352	359	348	343	337	326	313	301	294
1925	Dry	300	320	362	380	575	667	800	975	913	701	553	540
1926	Dry	525	488	452	411	575	649	800	789	612	473	384	385
1927	Wet	356	491	569	572	556	657	800	975	975	794	755	641
1928	Above Normal	600	480	499	503	531	645	800	945	823	544	475	417
1929	Critical	371	335	302	264	291	344	406	465	464	404	340	303
1930	Dry	285	267	407	489	557	670	770	792	675	479	450	438
1931	Critical	356	329	274	252	248	301	313	340	343	323	300	220
1932	Dry	155	166	291	401	571	675	795	975	975	905	800	650
1933	Critical	587	493	433	396	371	417	462	559	508	316	280	243
1934	Critical	255	232	335	443	540	662	602	462	240	191	90	90
1935	Below Normal	90	141	186	303	397	493	800	975	975	774	753	648
1936	Below Normal	568	530	484	575	568	661	800	975	975	795	779	647
1937	Below Normal	550	496	440	405	575	675	800	975	975	763	745	607
1938	Wet	593	575	575	575	575	673	800	975	975	950	800	603
1939	Dry	594	544	498	461	450	577	648	641	582	402	353	354
1940	Above Normal	340	316	305	575	562	634	800	975	972	743	674	463
1941	Wet	428	351	533	575	574	669	800	975	975	950	800	590
1942	Wet	573	489	575	571	560	660	800	975	975	950	800	599
1943	Wet	573	490	575	560	524	634	800	975	974	786	771	561
1944	Dry	514	403	350	323	386	513	573	678	595	487	434	395
1945	Below Normal	363	433	488	493	563	667	800	975	975	770	700	616
1946	Below Normal	558	575	575	571	563	659	800	975	975	751	669	633
1947	Dry	535	550	547	500	566	672	764	792	656	500	424	380
1948	Below Normal	386	376	345	416	417	452	789	975	975	876	800	650
1949	Dry	622	575	550	509	517	675	800	975	942	694	572	525
1950	Below Normal	484	433	373	575	572	669	800	975	975	784	765	645
1951	Above Normal	586	417	305	328	359	600	800	975	960	706	661	502
1952	Wet	489	481	575	575	574	672	800	975	975	950	800	648
1953	Wet	645	500	536	574	566	634	800	975	975	907	800	650
1954	Above Normal	600	540	522	550	575	667	800	896	843	566	542	525
1955	Dry	478	430	463	513	498	525	603	739	733	614	548	513
1956	Wet	473	427	518	431	429	622	800	975	975	950	800	610
1957	Above Normal	596	477	438	410	570	662	730	975	975	750	665	590
1958	Wet	580	539	559	575	562	667	800	975	975	950	800	645
1959	Below Normal	621	491	427	480	575	666	756	786	736	440	388	402
1960	Dry	350	299	252	254	512	664	750	795	761	654	568	537
1961	Dry	485	452	415	353	370	437	506	583	585	377	317	310
1962	Below Normal	290	284	311	328	575	675	800	931	954	709	597	558
1963	Wet	720	575	575	544	484	615	800	975	975	791	764	650
1964	Dry	600	570	567	575	570	560	616	709	704	540	479	439
1965	Wet	402	414	388	384	408	564	800	975	975	799	798	593
1966	Below Normal	509	518	509	530	537	653	800	855	797	501	468	464
1967	Wet	416	440	575	570	555	646	800	975	975	950	800	621
1968	Below Normal	616	523	517	545	548	650	723	746	707	410	411	407
1969	Wet	371	404	470	543	522	647	800	975	975	950	800	600
1970	Wet	603	539	575	422	412	615	683	799	795	560	528	383
1971	Wet	350	468	575	575	563	658	800	975	975	884	800	623
1972	Below Normal	606	522	572	575	575	656	748	857	820	558	520	513
1973	Above Normal	487	511	575	564	559	662	800	975	889	670	643	558
1974	Wet	557	575	575	492	484	629	800	975	975	950	800	641
1975	Wet	629	501	482	480	575	673	800	975	975	924	800	632
1976	Critical	672	529	494	439	416	445	463	492	473	437	414	392
1977	Critical	373	351	307	279	251	237	224	230	206	168	90	90
1978	Above Normal	90	98	219	575	575	668	800	975	975	800	766	639
1979	Below Normal	599	512	461	533	575	668	800	975	823	657	628	618
1980	Above Normal	579	573	575	460	427	628	800	975	975	950	800	587
1981	Dry	569	468	426	427	434	587	682	714	650	448	403	399
1982	Wet	385	547	395	430	353	590	800	975	975	950	800	650
1983	Wet	720	572	572	560	543	637	800	975	975	950	800	650
1984	Wet	720	448	358	387	429	621	786	975	941	730	709	632
1985	Dry	600	575	575	548	574	664	800	843	684	521	436	424
1986	Wet	384	398	465	554	404	592	800	975	914	702	684	506
1987	Dry	501	444	384	346	381	502	560	552	460	305	254	268
1988	Critical	256	258	332	439	445	475	531	539	475	402	348	333
1989	Dry	316	388	439	471	522	653	800	823	619	462	423	417
1990	Critical	421	406	363	374	395	501	570	586	545	446	398	381
1991	Critical	316	264	204	143	102	296	428	554	566	470	307	243
1992	Critical	249	251	256	246	418	564	598	538	427	108	90	90
1993	Above Normal	90	90	146	575	556	647	800	975	975	869	784	631
1994	Critical	600	498	461	397	401	435	482	526	523	435	382	338
1995	Wet	296	292	368	547	526	625	800	975	975	950	800	650
1996	Wet	591	471	552	562	478	628	800	975	975	862	800	607
1997	Wet	537	486	502	317	350	543	719	858	829	590	557	373
1998	Wet	350	354	394	575	559	656	800	975	975	950	800	650
1999	Wet	661	575	575	566	566	664	800	975	975	843	800	600
2000	Above Normal	567	464	409	571	563	667	800	975	930	659	629	578
2001	Dry	547	470	420	390	417	531	629	680	620	483	409	421
2002	Dry	396	439	575	575	570	666	800	929	913	646	566	539
2003	Above Normal	478	462	565	568	554	636	800	975	975	739	714	586

Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
Alternative 5 - Future No Action (taf)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	-1	-1	0	0	0	0	1	0
1924	Critical	1	1	1	1	1	1	1	1	1	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	1	1	1
1934	Critical	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	-25	-20	-16	-17	-7	-7
1940	Above Normal	-4	-1	1	0	0	0	0	0	0	0	0	0
1941	Wet	0	1	1	0	0	0	0	0	0	0	0	0
1942	Wet	-1	-5	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	4	4	4
1944	Dry	17	3	1	3	3	3	3	2	-5	-2	-1	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	1	0	0	0	0	0	0	0	0	0	0	-12
1947	Dry	-12	-12	-12	-12	-9	0	0	0	1	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	1	-23	-23	0	0	0	0	0	0	0	0	0
1954	Above Normal	1	2	2	2	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	-18	-18	-18	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
1961	Dry	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
1962	Below Normal	-1	0	0	1	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	1	1	1
1966	Below Normal	1	2	2	2	2	2	0	0	0	-1	-1	-1
1967	Wet	-1	0	0	0	0	0	0	0	0	0	0	-3
1968	Below Normal	-3	-24	-21	-21	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-5
1974	Wet	-5	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	1	1	1	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	0	0	0	0	-1
1979	Below Normal	-1	-34	-34	-34	0	0	0	0	-1	-23	-23	-23
1980	Above Normal	-21	-2	0	0	0	0	0	0	0	0	0	-1
1981	Dry	-1	-7	-7	-7	-7	-7	-6	-6	-5	-4	-3	-3
1982	Wet	-3	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	3	0	0	0
1988	Critical	0	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
1989	Dry	-1	0	0	1	1	0	0	0	-1	-1	-1	-1
1990	Critical	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3
1991	Critical	2	1	0	-1	-2	-3	-4	-4	-4	-4	-6	-6
1992	Critical	-5	-5	-5	-5	-5	-5	-5	-5	-7	-6	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	-1	-1	-1
1995	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1996	Wet	-9	-39	-23	0	0	0	0	0	0	0	0	0
1997	Wet	3	2	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	-2
2003	Above Normal	-1	-1	-1	0	0	0	0	0	0	0	0	0

Percent Change in Simulated End-of-Month Folsom Reservoir Storage (Node S8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-2%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-4%	-2%	-2%
1940	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1944	Dry	3%	1%	0%	1%	1%	1%	0%	0%	-1%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-4%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1974	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	-6%	-7%	-6%	0%	0%	0%	0%	0%	-3%	-4%	-4%
1980	Above Normal	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-1%	-2%	-2%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1991	Critical	1%	0%	0%	-1%	-2%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1992	Critical	-2%	-2%	-2%	-2%	-1%	-1%	-1%	-1%	-2%	-6%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	-1%	-8%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Folsom Reservoir Release to American River (Node C8)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,758	5,476	4,489	4,572	1,901	2,936	4,395	2,794	5,109	2,011	3,480
1924	Critical	3,004	1,984	2,046	1,746	1,495	848	863	869	625	634	628	581
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,760	5,110	3,866	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,506	848	3,413	1,593	3,389	2,692	1,876	907
1927	Wet	1,555	1,604	1,615	3,521	13,407	4,518	7,605	4,583	5,234	4,780	2,151	3,460
1928	Above Normal	2,031	4,674	2,050	1,798	1,790	11,904	4,703	1,827	2,901	5,104	2,463	2,251
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,388	1,657	1,668	1,662	1,582
1930	Dry	1,050	1,083	1,111	1,067	1,072	2,615	1,814	1,822	3,156	3,990	1,980	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	905	821	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,373	3,256	3,982
1933	Critical	2,152	2,685	2,041	1,739	1,489	1,488	1,738	1,510	3,634	3,959	1,794	1,606
1934	Critical	850	1,513	832	821	822	573	2,597	3,064	4,195	887	1,687	750
1935	Below Normal	971	928	839	860	895	1,775	5,709	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,805	1,981	2,044	1,734	2,690	4,337	4,236	3,782	2,150	5,103	1,846	3,824
1938	Wet	1,560	2,066	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,981
1939	Dry	1,569	2,307	2,052	1,750	1,495	845	870	1,447	1,572	2,980	1,105	886
1940	Above Normal	1,426	1,423	1,411	2,850	10,515	10,581	6,085	3,025	1,858	5,120	2,594	5,102
1941	Wet	1,785	2,761	1,871	4,992	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,610	3,065	4,284	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,998
1943	Wet	1,660	4,969	3,282	10,773	7,288	11,930	5,137	2,416	2,913	5,107	1,862	5,103
1944	Dry	2,219	2,764	2,014	1,789	1,478	1,463	1,508	1,520	2,883	3,004	2,437	1,726
1945	Below Normal	1,558	1,638	1,665	1,668	7,698	2,034	2,128	3,352	2,574	5,113	2,597	2,906
1946	Below Normal	2,673	2,894	8,793	5,116	2,592	3,044	3,445	3,499	1,880	5,120	2,804	1,969
1947	Dry	2,866	1,989	2,050	1,751	1,544	2,426	1,185	1,196	3,255	3,059	2,113	1,687
1948	Below Normal	1,558	1,582	1,581	1,350	1,156	1,781	1,790	3,277	4,941	3,497	2,671	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,871	3,424	2,257
1950	Below Normal	1,568	1,988	2,050	1,791	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,842	15,858	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,154
1952	Wet	1,569	2,628	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,452
1953	Wet	1,605	3,645	2,047	6,883	2,333	1,801	2,509	2,703	6,179	4,109	3,546	4,118
1954	Above Normal	2,098	3,053	2,052	1,748	2,925	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,979	1,494	1,509	1,519	1,841	2,969	2,609	1,620
1956	Wet	1,560	1,971	16,306	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,357	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,264
1959	Below Normal	1,571	3,270	2,052	1,745	1,870	866	878	886	1,534	5,114	1,020	894
1960	Dry	1,556	1,638	1,688	1,442	1,256	3,029	2,062	1,564	1,564	2,138	2,515	1,707
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	923	930	949	3,300	949	939
1962	Below Normal	1,019	1,051	1,078	853	2,504	2,004	3,770	1,910	1,857	5,120	3,082	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,579	1,863	3,513
1964	Dry	2,339	4,336	2,050	2,487	1,802	1,752	1,768	1,776	1,840	3,511	2,502	1,689
1965	Wet	1,559	1,738	20,139	12,972	5,358	1,797	5,473	3,602	3,521	5,108	1,861	5,102
1966	Below Normal	2,735	2,149	2,043	1,789	1,791	862	1,479	890	1,276	5,046	1,193	904
1967	Wet	1,570	1,762	2,608	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,805
1968	Below Normal	1,571	3,310	2,100	1,743	6,726	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,751	5,068	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,018	3,954
1971	Wet	1,531	1,679	4,339	4,731	3,437	3,980	2,359	3,478	4,884	3,816	2,947	4,420
1972	Below Normal	1,570	3,240	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,764	9,256	7,075	3,446	2,221	4,158	3,261	4,789	1,862	3,115
1974	Wet	1,568	6,541	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,486	2,050	1,748	2,505	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,474	2,052	1,752	1,501	850	861	868	927	1,105	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,557	4,188	3,677	4,108	4,884	1,863	3,781
1979	Below Normal	1,583	2,336	2,051	1,732	3,414	3,421	1,812	4,181	4,018	3,620	1,846	1,621
1980	Above Normal	2,102	2,301	2,297	17,656	13,166	3,701	2,888	2,837	3,107	2,833	4,132	5,077
1981	Dry	1,571	3,029	2,050	1,784	1,800	826	877	887	1,393	3,385	1,126	899
1982	Wet	1,566	4,746	13,884	7,885	15,728	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,170	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,055	2,413	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,880
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,105	1,798	2,417	855	802
1988	Critical	856	931	859	812	1,170	966	611	779	1,236	1,141	803	769
1989	Dry	924	917	902	906	833	8,941	4,316	3,467	4,826	3,316	2,025	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,039	1,650	1,204
1991	Critical	1,535	1,492	1,519	1,298	1,104	1,049	1,171	1,143	1,977	2,915	3,366	1,575
1992	Critical	854	851	835	834	819	444	1,352	1,519	1,696	5,062	594	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,791	2,654	3,982
1994	Critical	1,856	3,208	2,051	1,752	1,503	1,093	1,110	1,115	1,667	1,832	1,180	1,159
1995	Wet	1,312	1,341	1,357	10,300	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,713	2,784	2,303	5,527	13,720	6,453	4,730	8,092	3,157	3,773	2,500	4,883
1997	Wet	2,614	3,746	12,865	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,514
1998	Wet	1,440	1,451	1,422	4,887	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,134	2,258	4,992
2000	Above Normal	1,820	3,252	2,052	2,149	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,401
2001	Dry	1,633	2,360	2,050	1,744	1,467	837	855	879	1,373	2,234	1,263	887
2002	Dry	1,223	852	1,253	3,475	3,410	3,194	2,108	1,833	1,857	4,891	2,654	1,709
2003	Above Normal	1,644	1,988	2,016	3,387	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,590

Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	1,607	2,365	2,039	1,737	4,854	3,341	4,273	9,221	9,209	2,617	3,809	5,103
1923	Below Normal	1,898	2,759	5,475	4,489	4,584	1,901	2,926	4,396	2,795	5,108	2,001	3,493
1924	Critical	2,992	1,984	2,046	1,746	1,495	848	863	869	628	638	631	585
1925	Dry	853	876	835	833	5,440	2,234	4,752	4,394	3,762	5,109	3,870	1,712
1926	Dry	1,563	1,983	2,045	1,745	1,500	848	3,413	1,593	3,397	2,691	1,874	907
1927	Wet	1,555	1,603	1,613	3,520	13,407	4,518	7,605	4,583	5,234	4,781	2,151	3,460
1928	Above Normal	2,031	4,675	2,050	1,798	1,790	11,902	4,703	1,827	2,902	5,104	2,464	2,252
1929	Critical	1,561	1,700	1,794	1,528	1,305	1,339	1,317	1,387	1,657	1,668	1,662	1,582
1930	Dry	1,049	1,083	1,110	1,066	1,072	2,616	1,814	1,822	3,154	3,993	1,979	1,615
1931	Critical	2,162	1,735	1,754	1,529	1,309	928	907	912	800	907	819	1,857
1932	Dry	1,780	848	787	858	2,415	2,071	1,814	3,435	4,855	3,371	3,259	3,982
1933	Critical	2,149	2,682	2,041	1,739	1,489	1,488	1,738	1,510	3,631	3,957	1,794	1,606
1934	Critical	922	1,518	832	821	822	569	2,596	3,065	4,192	887	1,632	750
1935	Below Normal	971	928	839	860	895	1,775	5,710	4,063	4,265	5,104	1,847	3,269
1936	Below Normal	2,795	1,980	2,044	5,197	13,326	4,233	5,290	3,920	4,737	5,102	1,846	3,812
1937	Below Normal	2,804	1,981	2,044	1,734	2,691	4,337	4,236	3,782	2,150	5,103	1,846	3,822
1938	Wet	1,560	2,067	6,710	2,816	9,593	10,945	7,807	9,433	8,738	3,267	4,171	4,984
1939	Dry	1,569	2,306	2,052	1,750	1,495	844	1,300	1,362	1,510	3,000	945	886
1940	Above Normal	1,382	1,379	1,367	2,875	10,516	10,581	6,085	3,025	1,858	5,120	2,588	5,102
1941	Wet	1,787	2,741	1,872	5,014	7,971	4,853	3,667	4,883	3,169	2,314	3,985	5,103
1942	Wet	1,634	3,122	4,205	9,134	9,953	2,440	5,905	6,542	7,151	3,144	4,143	4,999
1943	Wet	1,660	4,963	3,287	10,773	7,288	11,930	5,137	2,416	2,913	5,037	1,862	5,103
1944	Dry	2,012	3,004	2,043	1,760	1,478	1,463	1,508	1,521	3,002	2,956	2,415	1,711
1945	Below Normal	1,558	1,640	1,668	1,671	7,695	2,034	2,129	3,353	2,575	5,112	2,599	2,907
1946	Below Normal	2,653	2,916	8,793	5,117	2,592	3,044	3,445	3,499	1,880	5,120	2,804	2,165
1947	Dry	2,866	1,989	2,050	1,751	1,497	2,280	1,188	1,199	3,241	3,061	2,127	1,681
1948	Below Normal	1,558	1,581	1,580	1,349	1,155	1,781	1,790	3,278	4,941	3,496	2,673	3,984
1949	Dry	1,660	2,229	2,051	1,748	1,494	2,687	3,224	2,317	1,974	4,872	3,423	2,262
1950	Below Normal	1,568	1,988	2,050	1,786	5,507	3,154	4,598	3,929	3,951	5,103	1,846	3,590
1951	Above Normal	2,849	15,850	16,665	10,075	8,093	3,764	3,011	3,398	1,857	5,120	2,287	4,152
1952	Wet	1,569	2,629	4,281	8,857	9,502	6,108	8,563	11,249	10,365	4,243	4,613	4,449
1953	Wet	1,593	4,040	2,047	6,516	2,333	1,801	2,511	2,703	6,179	4,110	3,544	4,118
1954	Above Normal	2,084	3,039	2,052	1,748	2,956	4,461	4,230	1,841	1,857	5,121	1,862	1,636
1955	Dry	1,571	1,989	2,042	1,711	1,982	1,494	1,509	1,519	1,841	2,973	2,599	1,620
1956	Wet	1,560	1,972	16,308	15,559	6,274	1,930	2,872	6,756	5,754	2,957	4,173	4,817
1957	Above Normal	1,881	3,358	2,051	1,752	1,573	4,496	1,824	2,692	2,755	5,118	2,844	2,758
1958	Wet	1,566	1,989	2,050	2,601	10,026	6,611	10,102	9,870	7,609	2,898	4,241	4,256
1959	Below Normal	1,571	3,573	2,052	1,745	1,554	866	878	886	1,535	5,114	1,016	895
1960	Dry	1,550	1,642	1,686	1,440	1,255	3,027	2,066	1,564	1,564	2,139	2,513	1,733
1961	Dry	1,560	1,980	2,044	1,744	1,494	905	924	931	949	3,306	949	940
1962	Below Normal	1,005	1,038	1,064	842	2,525	2,004	3,770	1,910	1,857	5,120	3,081	2,003
1963	Wet	3,448	4,314	3,372	4,062	11,426	1,787	6,615	6,951	3,061	4,580	1,863	3,513
1964	Dry	2,339	4,334	2,050	2,488	1,802	1,752	1,768	1,776	1,840	3,512	2,503	1,690
1965	Wet	1,559	1,738	20,137	12,972	5,358	1,797	5,473	3,602	3,521	5,095	1,861	5,102
1966	Below Normal	2,733	2,135	2,043	1,789	1,791	862	1,507	890	1,277	5,059	1,190	904
1967	Wet	1,570	1,759	2,600	6,771	4,449	5,889	3,942	8,236	10,377	3,866	4,185	4,851
1968	Below Normal	1,571	3,670	2,050	1,743	6,362	2,048	1,268	1,279	1,274	5,113	1,278	1,269
1969	Wet	1,566	1,721	1,759	14,752	9,246	3,463	6,417	9,035	6,508	2,733	4,048	4,993
1970	Wet	1,569	2,752	5,068	20,369	6,278	2,521	1,823	1,835	1,851	5,114	2,017	3,955
1971	Wet	1,531	1,679	4,339	4,731	3,437	3,980	2,359	3,478	4,884	3,816	2,946	4,420
1972	Below Normal	1,570	3,239	2,038	1,942	3,084	4,145	1,820	1,829	1,853	5,104	1,989	1,620
1973	Above Normal	1,559	1,976	2,763	9,256	7,075	3,446	2,221	4,158	3,261	4,785	1,862	3,200
1974	Wet	1,568	6,461	7,259	11,643	4,382	8,992	6,410	4,694	4,075	3,193	4,208	4,401
1975	Wet	1,570	3,462	2,050	1,748	2,530	4,575	2,020	5,023	6,178	3,080	3,702	4,343
1976	Critical	1,567	4,479	2,052	1,752	1,501	850	861	868	926	1,103	883	876
1977	Critical	853	848	838	801	843	592	425	369	435	449	1,398	489
1978	Above Normal	550	627	555	1,867	4,600	5,558	4,188	3,677	4,108	4,883	1,863	3,790
1979	Below Normal	1,595	2,880	2,051	1,732	2,810	3,421	1,814	4,183	4,035	3,992	1,846	1,621
1980	Above Normal	2,074	1,980	2,269	17,657	13,167	3,701	2,888	2,837	3,107	2,833	4,132	5,102
1981	Dry	1,571	3,114	2,050	1,784	1,800	826	876	886	1,385	3,378	1,111	898
1982	Wet	1,565	4,697	13,885	7,886	15,730	7,636	14,412	9,191	5,965	2,989	4,136	4,618
1983	Wet	2,126	8,049	9,121	7,563	12,366	15,885	6,720	10,328	14,298	5,822	4,849	5,051
1984	Wet	1,638	15,146	15,828	6,327	5,396	3,002	1,827	2,503	2,780	5,120	1,862	2,880
1985	Dry	2,171	4,129	2,517	1,793	1,788	1,263	2,067	1,328	3,277	3,056	2,414	1,280
1986	Wet	1,569	1,735	1,786	3,174	32,089	11,909	2,769	2,626	3,618	5,111	1,853	4,881
1987	Dry	1,565	1,986	2,048	1,744	1,487	828	869	1,109	1,744	2,462	855	802
1988	Critical	856	931	859	812	1,194	970	611	778	1,237	1,138	803	769
1989	Dry	918	912	896	901	833	8,949	4,316	3,473	4,835	3,318	2,022	1,916
1990	Critical	1,558	1,737	1,794	1,517	1,286	1,151	1,167	1,159	1,835	2,037	1,592	1,204
1991	Critical	1,550	1,509	1,538	1,314	1,118	1,063	1,185	1,157	1,977	2,901	3,400	1,575
1992	Critical	854	851	835	834	819	444	1,353	1,506	1,732	5,062	552	450
1993	Above Normal	590	557	900	959	6,052	7,262	4,287	5,214	5,208	3,788	2,650	3,983
1994	Critical	1,861	3,203	2,051	1,752	1,503	1,094	1,111	1,116	1,675	1,850	1,170	1,160
1995	Wet	1,307	1,336	1,352	10,303	4,806	16,510	7,063	11,361	10,274	4,768	4,415	4,413
1996	Wet	2,854	3,296	2,040	5,155	13,720	6,453	4,730	8,092	3,157	3,776	2,497	4,887
1997	Wet	2,569	3,750	12,902	31,289	6,554	1,810	1,828	1,839	1,854	5,119	1,861	4,510
1998	Wet	1,443	1,450	1,424	4,886	12,328	6,189	5,663	6,183	11,044	4,042	4,293	4,511
1999	Wet	1,570	3,990	2,972	5,772	10,917	4,411	2,783	4,820	4,750	4,136	2,257	4,992
2000	Above Normal	1,824	3,254	2,052	2,143	11,111	4,173	2,690	2,090	2,021	5,120	1,863	2,402
2001	Dry	1,632	2,360	2,050	1,744	1,467	837	855	879	1,379	2,232	1,250	887
2002	Dry	1,232	852	1,252	3,475	3,410	3,194	2,108	1,833	1,857	4,893	2,654	1,734
2003	Above Normal	1,633	1,988	2,016	3,372	2,514	1,786	2,404	4,958	2,683	5,122	1,861	3,593

Change in Simulated Folsom Reservoir Release to American River (Node C8)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	1	-1	0	12	0	-10	1	1	0	-11	13
1924	Critical	-12	0	0	0	0	0	0	0	3	3	3	3
1925	Dry	0	0	0	0	0	0	0	0	2	0	4	0
1926	Dry	0	0	0	0	-6	0	0	0	8	-1	-3	0
1927	Wet	0	-1	-1	-1	0	0	0	0	0	1	0	0
1928	Above Normal	0	2	0	0	0	-2	0	0	1	0	0	1
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	1	0	0	-2	3	-1	0
1931	Critical	0	0	0	0	0	0	0	0	0	2	-2	0
1932	Dry	0	0	0	0	0	0	0	0	0	-3	3	0
1933	Critical	-3	-2	0	0	0	0	0	0	-3	-2	0	0
1934	Critical	72	5	0	0	0	-4	-1	1	-3	0	-55	0
1935	Below Normal	0	0	0	0	0	0	1	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	-1	0	0	0	1	0	0	0	0	0	0	-2
1938	Wet	0	2	0	0	0	0	0	0	0	0	0	3
1939	Dry	0	-2	0	0	0	-1	429	-86	-62	20	-160	0
1940	Above Normal	-44	-44	-44	24	1	0	0	0	0	0	-6	0
1941	Wet	2	-20	2	22	0	0	0	0	0	0	0	0
1942	Wet	24	57	-79	0	0	0	0	0	0	0	0	0
1943	Wet	0	-6	5	0	0	0	0	0	0	-69	0	0
1944	Dry	-207	239	29	-29	0	0	0	0	119	-48	-22	-16
1945	Below Normal	0	2	3	3	-3	0	1	1	1	0	2	1
1946	Below Normal	-20	22	0	0	0	0	0	0	0	0	0	196
1947	Dry	0	0	0	0	-47	-145	3	3	-15	2	14	-5
1948	Below Normal	0	-1	-1	-1	-1	0	0	1	0	-1	1	0
1949	Dry	0	0	0	0	0	0	0	0	0	1	-1	5
1950	Below Normal	0	0	0	-5	0	0	0	0	0	0	0	0
1951	Above Normal	7	-8	0	0	0	0	0	0	0	0	0	-2
1952	Wet	0	1	1	0	0	0	0	0	0	0	0	-2
1953	Wet	-11	394	0	-367	0	-1	2	0	0	2	-2	0
1954	Above Normal	-15	-14	0	0	31	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	3	0	0	0	0	4	-9	0
1956	Wet	0	1	2	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	-1	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	-8
1959	Below Normal	0	303	0	0	-316	0	0	0	1	0	-4	0
1960	Dry	-5	4	-2	-1	-1	-2	4	1	0	2	-3	26
1961	Dry	0	0	0	0	0	1	1	1	0	6	1	1
1962	Below Normal	-14	-14	-14	-12	21	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	-1	0	1	0	0	0	0	0	0	0	1
1965	Wet	0	0	-1	0	0	0	0	0	0	-12	0	0
1966	Below Normal	-2	-14	0	0	0	0	28	0	1	13	-3	0
1967	Wet	0	-3	-8	0	0	0	0	0	0	0	0	45
1968	Below Normal	0	360	-50	0	-364	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1970	Wet	0	1	-1	0	0	0	0	0	0	0	-2	1
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	-5	0	85
1974	Wet	0	-80	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	-23	0	0	25	0	0	0	0	0	0	0
1976	Critical	0	6	0	0	0	0	0	0	-1	-2	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	-1	0
1978	Above Normal	0	0	0	0	0	2	0	0	0	-1	0	9
1979	Below Normal	11	544	0	0	-603	0	2	2	17	372	-1	-1
1980	Above Normal	-28	-321	-28	1	1	0	0	0	0	0	0	25
1981	Dry	0	86	0	0	0	0	-1	-1	-8	-7	-15	-1
1982	Wet	-1	-49	1	1	2	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	1
1987	Dry	0	0	0	0	0	0	0	4	-54	45	0	0
1988	Critical	0	0	0	0	24	5	0	-1	1	-3	0	0
1989	Dry	-6	-6	-6	-6	0	8	0	6	8	1	-3	0
1990	Critical	0	0	0	0	0	0	0	0	0	-1	-58	0
1991	Critical	15	18	19	16	14	14	13	13	1	-13	34	0
1992	Critical	0	0	0	0	0	0	1	-13	36	0	-42	0
1993	Above Normal	0	0	0	1	0	0	0	0	0	-4	-3	1
1994	Critical	5	-5	0	0	0	1	1	1	8	18	-9	1
1995	Wet	-4	-4	-4	3	0	0	0	0	0	0	0	0
1996	Wet	141	512	-263	-372	0	0	0	0	0	3	-3	3
1997	Wet	-45	4	38	0	0	0	0	0	0	0	0	-4
1998	Wet	3	-1	1	-1	0	0	0	0	0	0	0	0
1999	Wet	0	0	0	0	0	0	0	0	0	1	-1	0
2000	Above Normal	4	2	0	-6	0	0	0	0	0	0	0	1
2001	Dry	-1	1	0	0	0	0	0	0	7	-2	-13	0
2002	Dry	8	0	-1	0	0	0	0	0	0	2	0	25
2003	Above Normal	-10	0	0	-15	0	0	0	0	0	0	0	3

Percent Change in Simulated Folsom Reservoir Release to American River (Node C8)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	8%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-3%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	49%	-6%	-4%	1%	-14%	0%
1940	Above Normal	-3%	-3%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1944	Dry	-9%	9%	1%	-2%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	0%	0%	0%	-3%	-6%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-1%	11%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-17%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	-1%	-1%	-1%	1%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-2%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	23%	0%	0%	-18%	0%	0%	0%	0%	10%	0%	0%
1980	Above Normal	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%	-7%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	5%	18%	-11%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Future No Action (cfs)

Year	SAC Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,880	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,536	25,913	25,575	17,422	11,194	20,752	15,101	11,982	20,351	15,142	14,230
1924	Critical	10,422	9,176	9,216	12,428	15,161	8,997	7,810	6,668	7,683	12,577	7,738	6,431
1925	Dry	7,273	7,813	12,925	12,191	48,839	17,122	23,765	13,614	11,833	19,542	14,145	13,688
1926	Dry	9,103	9,030	9,506	17,703	36,119	12,364	21,579	10,500	13,790	18,693	11,316	11,039
1927	Wet	7,965	22,101	18,695	31,512	73,846	41,515	42,702	24,048	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,664	14,926	23,969	21,355	65,896	24,474	10,349	15,836	24,707	17,128	21,888
1929	Critical	11,319	13,333	11,864	12,734	16,195	12,012	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,954	20,102	17,817	30,594	12,527	10,415	13,279	17,396	11,653	12,372
1931	Critical	7,939	7,871	8,123	13,795	11,672	8,401	9,591	7,188	7,637	11,444	7,628	6,371
1932	Dry	6,475	6,781	19,504	20,459	15,199	12,297	9,418	12,474	15,325	12,593	13,134	10,292
1933	Critical	8,136	7,934	9,788	14,534	12,441	14,056	9,261	8,209	10,645	11,449	10,556	7,776
1934	Critical	6,319	6,547	14,507	17,988	14,976	11,480	10,970	9,588	10,855	8,538	9,130	6,493
1935	Below Normal	6,285	11,417	10,184	26,759	13,372	26,067	41,176	18,646	15,268	19,389	14,834	14,554
1936	Below Normal	11,279	9,853	11,220	37,521	57,105	33,124	20,903	13,106	14,138	19,884	14,415	14,337
1937	Below Normal	11,647	9,187	14,268	13,670	33,311	36,110	20,872	13,641	16,845	18,946	14,346	10,788
1938	Wet	9,595	25,042	58,741	29,176	69,836	72,336	54,550	52,682	34,311	15,320	15,408	28,581
1939	Dry	12,561	13,791	14,697	10,781	11,943	9,604	8,167	9,987	9,703	19,823	12,385	11,368
1940	Above Normal	8,138	7,999	9,408	26,673	53,374	67,583	54,439	14,804	12,662	23,354	16,524	21,560
1941	Wet	10,866	13,530	32,945	62,007	65,241	61,062	49,948	38,463	15,713	17,594	15,373	30,470
1942	Wet	12,392	17,463	40,477	56,868	68,793	22,219	41,928	31,782	24,530	16,718	15,492	30,142
1943	Wet	12,698	19,217	18,654	58,781	47,831	57,405	25,207	15,143	12,158	23,379	15,966	29,530
1944	Dry	12,360	15,810	14,879	15,313	24,567	19,253	9,375	8,947	12,221	18,469	12,720	8,688
1945	Below Normal	7,959	14,719	16,826	13,193	43,522	21,226	11,687	12,020	11,485	19,921	16,091	14,272
1946	Below Normal	12,794	14,071	50,328	45,221	16,578	16,555	13,928	13,098	11,647	21,136	16,842	13,892
1947	Dry	12,171	10,722	14,992	11,605	17,778	20,137	12,468	9,457	13,301	19,994	13,469	15,205
1948	Below Normal	10,278	11,110	9,660	14,993	10,327	16,248	23,465	27,653	20,615	20,979	17,391	15,438
1949	Dry	10,977	10,129	13,736	11,250	12,966	39,926	12,724	12,264	12,640	20,155	14,845	16,022
1950	Below Normal	8,353	9,538	10,016	19,572	34,224	20,169	18,686	14,436	13,666	20,810	16,354	14,953
1951	Above Normal	13,167	45,220	74,839	55,303	59,040	27,907	14,162	16,376	12,736	23,877	17,053	22,256
1952	Wet	12,232	17,625	35,728	58,621	58,578	52,947	53,597	58,672	35,877	17,632	15,882	27,810
1953	Wet	14,277	16,780	31,980	63,667	23,447	20,938	16,475	22,959	24,612	22,618	16,997	29,980
1954	Above Normal	11,760	19,503	12,034	24,520	45,175	44,583	38,863	12,144	14,414	24,388	17,213	23,074
1955	Dry	11,670	17,054	22,509	18,642	12,892	10,482	10,861	11,122	10,105	19,718	12,742	9,820
1956	Wet	9,092	11,359	50,267	75,204	59,531	34,081	18,165	39,033	20,347	17,510	15,575	30,366
1957	Above Normal	13,371	18,754	15,089	13,587	16,620	39,447	11,814	18,360	11,418	24,531	17,369	22,171
1958	Wet	15,391	16,903	22,774	36,851	69,408	68,228	67,602	41,752	29,552	17,395	16,628	27,503
1959	Below Normal	14,601	17,218	15,423	22,176	41,393	15,553	10,026	10,243	13,585	23,825	17,474	14,225
1960	Dry	9,886	9,090	9,070	13,300	27,057	19,069	11,975	10,980	13,606	19,856	14,558	15,342
1961	Dry	8,365	13,157	18,468	13,206	33,752	17,854	10,400	10,431	11,242	20,702	12,391	10,776
1962	Below Normal	8,169	10,246	16,683	10,606	44,161	21,895	12,997	13,347	11,618	23,013	17,543	14,919
1963	Wet	33,355	16,012	27,929	16,237	61,331	25,256	64,574	26,078	14,538	24,246	16,762	30,344
1964	Dry	12,615	22,115	12,797	22,627	13,062	10,792	9,862	10,721	10,746	19,849	12,140	13,908
1965	Wet	8,339	15,660	44,967	70,922	32,660	19,871	40,451	17,396	14,940	21,422	14,864	29,395
1966	Below Normal	12,897	21,099	13,417	24,845	22,807	20,211	13,695	10,403	12,617	23,040	17,157	15,482
1967	Wet	10,819	15,448	34,796	36,722	46,502	46,500	34,695	42,784	37,846	14,305	15,065	29,558
1968	Below Normal	13,407	15,525	15,410	23,313	50,204	32,235	10,390	11,166	12,589	23,907	16,534	14,202
1969	Wet	10,117	12,122	22,200	64,506	69,185	42,969	39,774	44,977	22,171	13,668	13,971	29,346
1970	Wet	12,251	15,184	41,445	77,161	62,430	33,547	10,867	12,666	12,948	24,905	16,775	27,450
1971	Wet	13,443	20,073	46,603	46,297	22,275	38,159	22,549	27,488	20,937	22,404	17,260	29,762
1972	Below Normal	13,757	16,322	15,659	15,999	16,546	28,014	11,585	10,956	12,707	23,865	17,007	15,359
1973	Above Normal	10,703	19,412	25,345	57,679	64,106	46,919	14,932	16,535	15,813	22,507	15,508	20,491
1974	Wet	11,473	48,136	58,854	72,471	39,318	68,092	56,233	20,456	19,260	19,965	16,709	29,453
1975	Wet	14,091	18,877	14,844	13,517	48,121	59,021	20,153	28,337	23,845	19,661	15,232	29,892
1976	Critical	14,478	18,974	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,973	9,446	11,214
1977	Critical	9,622	7,888	8,152	9,699	10,992	8,062	8,540	5,524	8,178	8,797	9,958	5,994
1978	Above Normal	6,051	6,462	15,587	48,322	44,089	54,911	34,109	17,802	15,473	19,978	16,258	21,336
1979	Below Normal	12,475	13,755	14,901	21,623	29,370	24,738	13,660	14,102	14,804	20,851	15,920	13,017
1980	Above Normal	12,403	14,794	20,114	67,141	67,504	43,304	16,814	13,909	12,481	16,035	15,242	20,302
1981	Dry	11,235	14,277	15,432	20,906	24,476	20,006	12,999	9,435	13,616	20,092	15,548	12,190
1982	Wet	9,707	33,565	68,597	59,043	66,880	61,267	72,159	31,322	20,576	14,702	13,246	23,678
1983	Wet	18,184	36,221	57,783	57,411	74,202	81,646	57,031	54,067	51,096	22,909	20,022	25,581
1984	Wet	18,451	54,755	76,377	47,269	33,679	33,969	13,085	11,872	13,920	23,828	16,065	26,847
1985	Dry	11,534	25,136	21,405	13,888	15,040	13,073	12,603	10,954	13,056	19,847	14,322	15,324
1986	Wet	11,268	12,488	17,148	22,421	77,014	70,806	18,193	12,247	12,485	21,064	15,456	23,855
1987	Dry	11,490	12,500	14,721	13,805	19,565	22,861	9,274	10,701	13,502	13,241	8,509	8,575
1988	Critical	7,753	7,725	18,032	25,417	13,668	7,491	11,162	9,310	10,829	15,127	10,025	6,502
1989	Dry	6,471	9,881	10,274	12,398	9,012	45,573	21,515	13,745	13,855	19,927	12,856	14,347
1990	Critical	10,114	9,013	12,037	18,886	13,698	12,010	11,157	7,830	8,133	17,887	10,101	6,799
1991	Critical	6,210	6,318	7,378	7,622	9,393	29,181	11,752	7,077	9,689	16,611	9,058	6,636
1992	Critical	6,534	6,620	7,014	10,738	28,450	18,644	11,102	9,196	13,703	11,940	10,367	6,995
1993	Above Normal	7,809	6,569	13,607	46,739	48,114	38,911	37,578	28,043	25,549	19,714	16,527	22,968
1994	Critical	12,975	14,401	15,027	13,089	21,930	11,362	11,967	9,393	8,384	19,574	13,703	10,021
1995	Wet	7,639	8,198	15,686	63,249	49,155	77,551	50,480	58,340	37,625	16,828	17,466	23,888
1996	Wet	14,953	12,817	23,544	42,647	72,227	57,366	33,119	40,964	14,995	21,763	15,848	31,448
1997	Wet	11,802	17,566	50,230	78,291	51,916	22,186	16,270	12,060	12,771	24,526	16,166	29,129
1998	Wet	12,003	17,653	18,887	27,523	68,069	60,623	45,543	43,094	61,226	22,770	19,758	26,148
1999	Wet	16,186	26,912	34,940	38,606	60,761	54,741	23,001	18,333	16,640	22,031	16,118	26,209
2000	Above Normal	11,421	18,400	14,453	21,529	62,004	48,472	18,097	15,790	12,380	22,360	16,955	22,306
2001	Dry	9,571	14,044	14,523	16,600	23,951	22,220	11,431	9,145	13,467	17,421	9,250	9,447
2002	Dry	7,364	10,129	28,722	43,394	18,184	19,209	16,012	11,896	10,765	20,240	13,619	14,023
2003	Above Normal	7,944	9,607	36,481	56,414	25,080	22,349	24,564	40,510	14,680	23,892	17,293	22,985

Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 5 (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	12,217	13,126	17,192	14,636	30,041	27,667	22,616	48,879	35,135	18,732	15,770	24,173
1923	Below Normal	12,477	17,540	25,911	25,574	17,442	11,194	20,744	15,102	11,983	20,351	15,131	14,230
1924	Critical	10,410	9,176	9,216	12,428	15,160	8,997	7,810	6,662	7,683	12,579	7,738	6,432
1925	Dry	7,273	7,804	12,920	12,187	48,838	17,119	23,762	13,614	11,834	19,541	14,154	13,691
1926	Dry	9,106	9,033	9,503	17,701	36,111	12,363	21,576	10,500	13,789	18,693	11,314	11,015
1927	Wet	7,965	22,096	18,691	31,509	73,843	41,513	42,700	24,046	18,198	22,231	16,804	30,338
1928	Above Normal	12,056	18,662	14,924	23,967	21,353	65,890	24,472	10,348	15,835	24,706	17,127	21,887
1929	Critical	11,319	13,330	11,861	12,733	16,193	12,010	8,339	8,244	10,339	9,431	10,118	6,531
1930	Dry	6,359	6,664	17,951	20,100	17,815	30,593	12,527	10,415	13,279	17,394	11,652	12,373
1931	Critical	7,939	7,871	8,121	13,793	11,671	8,400	9,591	7,190	7,637	11,430	7,627	6,371
1932	Dry	6,474	6,774	19,498	20,454	15,195	12,322	9,418	12,474	15,325	12,593	13,138	10,292
1933	Critical	8,136	7,934	9,780	14,528	12,435	14,051	9,261	8,209	10,645	11,434	10,550	7,776
1934	Critical	6,319	6,547	14,497	17,980	14,968	11,475	10,973	9,185	10,849	8,531	8,979	6,519
1935	Below Normal	6,305	11,409	10,176	26,751	13,364	26,060	41,171	18,645	15,268	19,391	14,838	14,558
1936	Below Normal	11,094	9,853	11,205	37,502	57,658	33,115	20,898	13,106	14,138	19,882	14,416	14,337
1937	Below Normal	11,646	9,186	14,269	13,665	33,307	36,105	20,867	13,641	16,918	18,938	14,346	10,787
1938	Wet	9,510	24,962	58,739	29,169	69,836	72,336	54,548	52,678	34,311	15,320	15,409	28,580
1939	Dry	12,546	13,792	14,827	10,766	11,934	9,605	8,773	9,990	9,723	19,880	12,251	10,663
1940	Above Normal	8,138	7,986	9,356	26,695	53,538	67,585	54,435	14,804	12,661	23,326	16,523	21,679
1941	Wet	10,871	13,752	33,437	62,027	65,239	61,062	49,948	38,462	15,713	17,594	15,373	30,467
1942	Wet	12,497	17,751	40,395	56,869	68,793	22,218	41,927	31,780	24,530	16,719	15,493	30,142
1943	Wet	12,697	19,189	18,659	58,776	47,830	57,404	25,207	15,146	12,158	23,393	15,965	29,646
1944	Dry	12,152	15,945	14,880	15,308	24,564	19,251	9,375	8,947	12,221	18,391	12,799	8,699
1945	Below Normal	7,959	14,720	16,827	13,194	43,518	21,225	11,687	12,022	11,485	19,922	16,092	14,272
1946	Below Normal	12,767	14,167	50,326	45,224	16,578	16,554	13,927	12,989	11,823	21,029	16,886	14,090
1947	Dry	12,117	10,722	14,991	11,604	17,729	19,991	12,472	9,461	13,301	19,994	13,535	15,198
1948	Below Normal	10,188	11,108	9,657	14,991	10,348	16,246	23,464	27,653	20,591	20,975	17,392	15,438
1949	Dry	10,979	10,091	13,735	11,248	12,965	39,924	12,724	12,264	12,639	20,155	14,835	16,022
1950	Below Normal	8,353	9,538	10,016	19,566	34,222	20,167	18,686	14,436	13,666	20,809	16,354	14,953
1951	Above Normal	13,167	45,193	74,839	55,302	59,040	27,906	14,162	16,376	12,736	23,876	17,053	22,292
1952	Wet	12,233	17,625	35,730	58,621	58,560	52,951	53,596	58,675	35,886	17,642	15,882	27,791
1953	Wet	14,256	18,691	30,627	63,327	23,457	20,935	16,475	22,962	24,605	22,624	17,002	29,985
1954	Above Normal	11,703	19,433	12,329	24,630	45,205	44,305	38,863	12,140	14,408	24,383	17,213	23,074
1955	Dry	11,624	17,078	22,507	18,642	12,922	10,481	10,861	11,122	10,107	19,720	12,739	10,089
1956	Wet	8,899	11,360	50,257	75,204	59,531	34,080	18,165	39,033	20,347	17,511	15,575	30,365
1957	Above Normal	13,371	18,754	15,090	13,586	16,619	39,442	11,814	18,359	11,418	24,531	17,369	22,171
1958	Wet	15,390	16,903	22,773	36,850	69,408	68,228	67,601	41,751	29,551	17,397	16,627	27,449
1959	Below Normal	14,633	18,700	15,423	22,183	41,084	15,545	10,027	10,243	13,585	23,819	17,474	14,326
1960	Dry	9,908	9,067	9,068	13,297	27,055	19,066	11,977	10,980	13,606	19,856	14,558	15,335
1961	Dry	8,352	13,158	18,379	13,209	33,750	17,854	10,400	10,431	11,242	20,702	12,376	10,775
1962	Below Normal	8,176	10,246	16,667	10,606	44,170	21,895	12,997	13,347	11,618	23,015	17,543	14,919
1963	Wet	33,352	16,010	27,928	16,236	61,333	25,255	64,574	26,077	14,539	24,246	16,762	30,344
1964	Dry	12,615	22,107	12,797	22,628	13,061	10,791	9,862	10,721	10,746	19,849	12,142	13,911
1965	Wet	8,334	15,658	44,966	70,922	32,659	19,872	40,457	17,396	14,940	21,423	14,865	29,398
1966	Below Normal	12,898	21,022	13,418	24,843	22,806	20,320	13,716	10,402	12,617	23,048	17,157	15,475
1967	Wet	10,819	15,444	34,779	36,722	46,502	46,500	34,695	42,783	37,846	14,305	15,065	29,824
1968	Below Normal	13,403	17,319	15,410	23,223	48,910	32,267	10,390	11,166	12,590	23,904	16,535	14,202
1969	Wet	10,128	12,122	22,200	64,500	69,185	42,968	39,773	44,976	22,171	14,008	14,472	29,342
1970	Wet	12,319	15,114	41,473	77,161	62,430	33,547	10,867	12,666	12,950	24,904	16,773	27,785
1971	Wet	13,440	20,073	46,605	46,297	22,275	37,929	22,550	27,488	20,936	22,404	17,259	29,762
1972	Below Normal	13,758	16,321	15,659	15,999	16,546	28,014	11,585	10,955	12,707	23,866	17,007	15,359
1973	Above Normal	10,703	19,411	25,345	57,679	64,105	46,919	14,932	16,535	15,813	22,501	15,508	20,859
1974	Wet	11,471	47,976	58,856	72,471	39,319	68,092	56,233	20,456	19,260	19,966	16,709	29,453
1975	Wet	14,091	18,762	14,844	13,515	48,148	59,045	20,151	28,338	23,845	19,661	15,232	29,892
1976	Critical	14,478	19,002	15,489	11,472	12,426	14,111	9,835	6,697	8,121	15,960	9,458	11,213
1977	Critical	9,625	7,887	8,151	9,699	10,990	8,062	8,540	5,522	8,175	8,796	9,925	5,994
1978	Above Normal	6,051	6,462	15,586	48,321	44,087	54,912	34,108	17,801	15,476	19,982	16,263	21,381
1979	Below Normal	12,516	16,479	13,316	21,683	28,796	24,756	13,706	14,103	14,800	20,634	15,910	13,016
1980	Above Normal	11,826	13,529	20,154	67,684	67,500	43,296	16,812	13,906	12,479	16,014	15,222	20,002
1981	Dry	11,226	14,176	15,432	20,906	24,480	20,537	12,997	9,438	13,626	20,102	15,714	12,329
1982	Wet	9,771	33,218	68,705	59,042	66,881	61,267	72,159	31,322	20,576	14,705	13,246	23,678
1983	Wet	18,174	36,220	57,783	57,411	74,202	81,646	57,030	54,066	51,095	22,908	20,021	25,580
1984	Wet	18,450	54,755	76,377	47,267	33,677	33,966	13,084	11,872	13,920	23,827	16,065	26,847
1985	Dry	11,535	25,127	21,402	13,886	15,038	13,072	12,603	10,954	13,056	19,847	14,321	15,324
1986	Wet	11,268	12,488	17,145	22,419	77,014	70,806	18,191	12,247	12,485	21,064	15,457	23,855
1987	Dry	11,490	12,619	14,716	13,807	19,565	22,860	9,275	10,701	13,502	13,290	8,655	8,566
1988	Critical	7,753	7,725	18,031	25,416	13,668	7,491	11,162	9,310	10,830	15,067	10,023	6,502
1989	Dry	6,471	9,873	10,266	12,391	9,011	45,580	21,514	13,744	13,855	19,926	12,771	14,223
1990	Critical	10,125	9,012	12,041	18,884	13,697	12,009	11,158	7,830	8,133	17,888	9,367	7,867
1991	Critical	6,210	6,319	7,401	7,639	9,406	29,194	11,765	7,090	9,689	16,619	9,082	6,631
1992	Critical	6,534	6,620	7,007	10,734	28,447	18,641	11,101	9,196	13,702	11,886	10,358	6,968
1993	Above Normal	7,798	6,569	13,602	46,738	48,112	38,920	37,583	27,951	25,568	19,714	16,527	22,968
1994	Critical	12,975	14,371	15,127	13,083	21,928	11,360	11,968	9,394	8,384	19,575	13,666	10,021
1995	Wet	7,646	8,193	15,674	63,228	49,137	77,552	50,475	58,338	37,621	16,669	17,471	24,045
1996	Wet	15,616	15,566	23,009	42,318	71,885	57,384	33,106	40,959	14,995	21,765	15,849	31,448
1997	Wet	11,616	17,574	50,301	78,291	51,914	22,183	16,270	12,060	12,606	24,526	16,166	29,129
1998	Wet	12,014	17,638	18,886	27,526	68,082	60,623	45,540	43,092	61,225	22,768	19,755	26,145
1999	Wet	16,184	26,909	34,937	38,604	60,760	54,740	22,998	18,330	16,640	22,031	16,118	26,200
2000	Above Normal	11,436	18,410	14,459	21,519	61,998	48,471	18,094	15,788	12,380	22,357	16,955	22,307
2001	Dry	9,566	14,043	14,458	16,596	23,948	22,217	11,431	9,145	13,467	17,497	9,227	9,447
2002	Dry	7,364	10,124	28,718	43,387	18,181	19,206	16,011	11,896	10,764	20,240	13,566	14,124
2003	Above Normal	7,944	9,606	36,446	56,398	25,077	22,346	24,562	40,508	14,680	23,896	17,293	22,982

Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
Alternative 5 - Future No Action (cfs)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	-1	0	0	0	0	-1	0	0	0	0
1923	Below Normal	0	4	-2	0	20	0	-8	1	1	0	-11	0
1924	Critical	-12	0	0	0	-1	0	0	-7	0	2	0	2
1925	Dry	0	-9	-5	-4	-1	-3	-3	0	0	-1	8	2
1926	Dry	3	3	-3	-3	-8	-1	-2	0	0	0	-2	-24
1927	Wet	0	-4	-4	-3	-2	-2	-2	-2	0	0	0	0
1928	Above Normal	0	-2	-2	-2	-3	-6	-2	0	0	-1	0	0
1929	Critical	0	-3	-2	-2	-2	-2	0	0	0	0	0	0
1930	Dry	0	0	-3	-3	-2	-1	0	0	0	-2	-1	1
1931	Critical	0	0	-2	-2	-2	-1	0	2	0	-13	-1	0
1932	Dry	0	-8	-6	-5	-4	26	0	0	0	-1	4	0
1933	Critical	0	0	-8	-6	-6	-5	0	0	0	-15	-6	0
1934	Critical	0	0	-10	-8	-8	-5	3	-403	-6	-7	-151	27
1935	Below Normal	20	-9	-8	-8	-8	-7	-5	-1	0	1	4	4
1936	Below Normal	-185	0	-15	-19	553	-9	-5	0	0	-3	1	0
1937	Below Normal	-1	0	1	-5	-4	-5	-4	0	73	-8	1	-2
1938	Wet	-85	-80	-2	-6	0	0	-2	-4	0	0	1	-1
1939	Dry	-15	1	129	-15	-9	1	606	3	20	57	-133	-706
1940	Above Normal	0	-12	-52	22	164	2	-4	-1	0	-28	-1	118
1941	Wet	5	222	492	19	-2	0	0	-1	0	0	0	-3
1942	Wet	106	288	-82	1	0	-1	-2	-2	0	0	0	0
1943	Wet	-1	-28	4	-5	-1	-1	0	3	0	14	0	116
1944	Dry	-208	135	1	-4	-3	-2	0	0	0	-78	80	11
1945	Below Normal	0	1	1	1	-5	-2	1	1	0	1	1	0
1946	Below Normal	-27	95	-2	3	0	-1	0	-108	177	-107	44	198
1947	Dry	-54	0	-2	0	-49	-146	4	5	0	0	66	-7
1948	Below Normal	-89	-1	-2	-2	21	-1	0	1	-24	-4	1	0
1949	Dry	2	-38	-1	-1	-1	-2	0	0	0	0	-11	0
1950	Below Normal	0	0	0	-6	-1	-1	0	0	0	-1	0	0
1951	Above Normal	0	-27	0	-1	-1	-1	0	0	0	-2	0	36
1952	Wet	0	1	2	-1	-18	3	-1	4	9	10	-1	-19
1953	Wet	-22	1,911	-1,353	-340	10	-3	0	2	-7	6	5	5
1954	Above Normal	-57	-71	295	111	30	-278	1	-4	-7	-5	0	0
1955	Dry	-45	24	-1	0	30	-1	0	0	2	3	-2	269
1956	Wet	-194	1	-10	0	0	-1	-1	-1	0	0	0	0
1957	Above Normal	0	0	0	-1	-1	-5	0	-1	0	0	0	0
1958	Wet	-2	0	-1	-1	0	0	0	-1	-1	2	0	-54
1959	Below Normal	31	1,482	0	7	-309	-8	0	0	0	-6	0	101
1960	Dry	22	-23	-2	-3	-2	-2	2	1	0	0	0	-7
1961	Dry	-14	2	-89	3	-2	0	0	0	0	0	-14	-1
1962	Below Normal	7	0	-16	0	9	0	0	0	0	2	0	0
1963	Wet	-3	-2	-1	-1	2	-1	0	-1	0	0	0	0
1964	Dry	0	-8	0	1	-1	-1	1	0	0	0	2	2
1965	Wet	-4	-2	-2	0	-1	1	5	0	0	1	1	2
1966	Below Normal	1	-77	1	-2	-1	109	21	0	0	8	0	-7
1967	Wet	0	-5	-17	0	-1	1	-1	-1	-1	0	0	266
1968	Below Normal	-3	1,795	0	-90	-1,294	32	0	0	0	-3	0	0
1969	Wet	11	-1	0	-6	0	0	-1	0	0	339	500	-4
1970	Wet	68	-70	28	0	0	0	0	0	2	-1	-2	335
1971	Wet	-3	0	2	0	0	-230	2	-1	-1	0	-1	1
1972	Below Normal	1	-2	0	0	0	1	0	0	0	0	0	0
1973	Above Normal	0	-1	0	0	-1	0	0	0	0	-6	0	367
1974	Wet	-2	-160	2	0	0	0	0	0	0	1	0	0
1975	Wet	0	-116	0	-1	27	23	-1	0	0	0	0	0
1976	Critical	0	28	0	0	0	0	0	0	0	-12	12	-1
1977	Critical	3	-1	-1	0	-2	0	0	-2	-2	-1	-33	0
1978	Above Normal	0	0	-1	0	-2	2	-1	-1	3	3	5	45
1979	Below Normal	41	2,724	-1,584	60	-574	17	46	1	-3	-217	-10	-1
1980	Above Normal	-577	-1,265	40	543	-4	-8	-2	-3	-2	-20	-20	-301
1981	Dry	-9	-102	0	0	4	531	-2	2	10	10	166	139
1982	Wet	64	-346	108	-1	1	-1	0	0	0	3	0	0
1983	Wet	-9	-1	0	0	0	0	-1	-1	-1	-1	-1	-1
1984	Wet	-1	-1	0	-1	-1	-3	-1	0	0	-1	0	0
1985	Dry	0	-9	-2	-2	-2	-1	0	0	0	0	0	0
1986	Wet	0	0	-3	-2	0	0	-1	0	0	0	0	0
1987	Dry	0	118	-5	1	-1	-1	1	0	0	49	146	-9
1988	Critical	0	0	-1	-1	0	0	0	0	1	-60	-2	1
1989	Dry	0	-8	-8	-7	-2	7	-1	-1	0	-1	-86	-124
1990	Critical	11	-1	3	-1	-1	-1	0	0	1	1	-734	1,067
1991	Critical	0	0	23	16	13	13	13	13	0	8	24	-5
1992	Critical	0	0	-6	-4	-4	-3	-1	0	-1	-54	-9	-27
1993	Above Normal	-11	0	-5	-1	-2	9	5	-92	20	0	0	0
1994	Critical	0	-29	100	-6	-2	-1	0	0	-1	1	-37	0
1995	Wet	7	-5	-12	-21	-17	0	-5	-2	-4	-159	5	157
1996	Wet	663	2,750	-535	-329	-342	18	-12	-5	0	1	1	0
1997	Wet	-187	8	71	0	-2	-4	0	0	-165	0	0	0
1998	Wet	11	-15	-1	3	13	-1	-3	-3	-1	-3	-3	-3
1999	Wet	-2	-3	-4	-2	-1	-1	-3	-3	0	0	0	-8
2000	Above Normal	15	10	5	-9	-6	-1	-3	-2	0	-3	1	0
2001	Dry	-6	-2	-65	-4	-3	-2	0	0	0	76	-24	0
2002	Dry	0	-5	-4	-7	-3	-3	0	0	0	0	-53	101
2003	Above Normal	0	-1	-35	-16	-3	-2	-2	-2	0	3	0	-3

Percent Change in Simulated Sacramento River Inflow to the Sacramento-San Joaquin Delta (Node C169)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	7%	0%	0%	0%	-1%	-6%
1940	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1941	Wet	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	-1%	2%	-1%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-4%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1956	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	12%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	4%	0%
1970	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	20%	-11%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%
1980	Above Normal	-5%	-9%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1981	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1982	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	16%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1996	Wet	4%	21%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

X2 Position (Node X2_PRV)
Future No Action (km)
SAC

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	85	75	71	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	81	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	91	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	50	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	91	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	70	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	56	69	84	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	51	58	73	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	52	50	53	60	69	78	84	81
1979	Below Normal	81	81	83	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	85	79	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	49	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	87	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	90	92
1991	Critical	93	94	93	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	62	74	74
1996	Wet	74	75	69	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	61	70	70
1999	Wet	74	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

X2 Position (Node X2_PRV)
Alternative 5 (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	67	73	76	73	58	60	60	54	57	72	86	81
1923	Below Normal	81	81	66	60	66	73	64	65	77	82	86	88
1924	Critical	90	91	91	87	78	76	80	86	90	90	90	91
1925	Dry	93	93	88	84	54	64	59	65	77	85	87	89
1926	Dry	91	91	91	81	58	65	62	70	81	85	88	91
1927	Wet	92	81	73	61	48	53	52	61	69	80	86	74
1928	Above Normal	74	74	78	70	63	50	59	68	81	80	83	81
1929	Critical	81	81	84	84	78	77	80	83	83	86	91	93
1930	Dry	94	94	82	70	68	60	68	77	82	84	87	90
1931	Critical	92	91	91	84	81	82	82	86	89	90	91	93
1932	Dry	95	95	82	71	69	74	73	72	75	83	88	90
1933	Critical	92	91	91	83	80	76	76	81	83	86	90	93
1934	Critical	94	94	87	77	72	74	77	81	83	86	90	93
1935	Below Normal	94	90	90	69	68	63	53	62	73	84	87	89
1936	Below Normal	91	91	91	63	49	57	58	66	75	82	85	89
1937	Below Normal	91	91	90	83	58	53	59	63	73	80	86	90
1938	Wet	92	79	53	60	48	47	48	50	56	70	85	74
1939	Dry	74	76	80	84	82	79	78	79	83	86	89	91
1940	Above Normal	92	91	91	67	51	48	49	62	77	80	82	81
1941	Wet	81	81	62	48	47	48	49	54	66	77	85	74
1942	Wet	74	75	58	49	47	57	53	57	63	76	86	74
1943	Wet	74	74	70	51	51	49	55	63	75	79	83	74
1944	Dry	74	77	81	80	67	65	70	75	80	85	88	91
1945	Below Normal	92	90	82	79	56	61	65	69	77	82	86	89
1946	Below Normal	90	89	55	54	65	67	68	69	78	83	86	89
1947	Dry	90	91	86	83	77	67	69	78	82	85	87	89
1948	Below Normal	91	91	90	81	76	73	62	60	68	79	86	88
1949	Dry	90	91	88	85	82	58	64	73	80	84	87	89
1950	Below Normal	91	91	91	75	59	65	64	67	75	81	86	88
1951	Above Normal	90	62	48	48	49	58	63	67	77	78	82	81
1952	Wet	81	81	62	48	48	50	49	50	57	70	83	74
1953	Wet	74	76	64	48	61	64	68	63	65	75	85	74
1954	Above Normal	74	74	80	69	53	54	55	65	79	80	82	81
1955	Dry	81	81	75	69	74	79	76	76	81	85	88	90
1956	Wet	91	90	52	47	48	54	61	56	64	76	86	74
1957	Above Normal	74	76	80	82	73	58	65	65	76	79	83	81
1958	Wet	81	81	72	58	48	47	48	52	59	72	83	74
1959	Below Normal	74	76	80	71	55	67	72	77	81	82	85	88
1960	Dry	89	91	91	86	66	64	70	76	81	85	87	89
1961	Dry	91	89	85	81	63	65	74	78	82	85	88	91
1962	Below Normal	91	90	83	82	56	62	66	69	79	82	85	89
1963	Wet	69	72	69	66	51	61	49	59	72	82	84	74
1964	Dry	74	74	80	72	72	79	78	79	81	85	88	90
1965	Wet	91	85	52	47	54	63	55	62	73	81	85	74
1966	Below Normal	74	74	78	67	63	66	68	74	81	82	85	89
1967	Wet	90	85	64	53	52	51	52	53	57	70	85	74
1968	Below Normal	74	77	81	71	52	58	67	75	81	81	84	89
1969	Wet	91	90	79	49	47	49	51	52	59	74	87	74
1970	Wet	74	76	56	47	48	54	65	70	78	78	83	74
1971	Wet	74	74	56	53	63	57	60	60	68	78	85	74
1972	Below Normal	74	75	79	78	71	62	69	76	81	81	84	89
1973	Above Normal	90	83	69	50	48	51	61	66	75	80	85	81
1974	Wet	81	58	51	47	53	48	50	60	69	78	84	74
1975	Wet	74	75	80	81	56	49	59	58	64	75	85	74
1976	Critical	74	74	79	84	82	80	79	85	89	90	91	93
1977	Critical	91	91	92	88	85	83	83	87	90	91	92	93
1978	Above Normal	93	93	85	54	53	50	53	61	69	78	84	81
1979	Below Normal	81	81	84	72	59	60	64	65	74	82	86	89
1980	Above Normal	91	87	81	50	47	49	60	64	70	78	84	81
1981	Dry	81	81	83	73	65	65	68	75	81	85	88	90
1982	Wet	92	71	49	48	48	48	47	53	63	74	85	74
1983	Wet	69	59	49	48	47	47	48	49	50	58	66	66
1984	Wet	72	52	47	50	55	57	64	69	78	79	83	74
1985	Dry	74	71	71	76	76	74	73	76	81	85	88	89
1986	Wet	91	91	83	69	48	47	57	65	72	79	84	74
1987	Dry	74	77	82	82	73	64	72	80	82	84	88	91
1988	Critical	92	92	82	66	67	79	79	81	83	86	91	93
1989	Dry	94	93	90	86	83	57	62	71	81	85	87	89
1990	Critical	91	91	90	80	74	75	77	81	86	89	89	91
1991	Critical	93	94	92	89	86	63	67	81	87	88	88	91
1992	Critical	94	93	93	87	64	64	73	81	83	86	90	93
1993	Above Normal	91	91	87	55	51	55	55	59	63	76	85	81
1994	Critical	81	81	83	83	71	74	77	80	85	88	89	91
1995	Wet	91	92	86	50	52	47	49	48	55	64	76	74
1996	Wet	74	75	70	55	48	49	53	55	67	79	86	74
1997	Wet	74	74	51	47	48	58	61	65	75	77	82	74
1998	Wet	74	74	75	57	47	48	50	52	50	62	71	70
1999	Wet	73	71	62	57	49	51	58	64	72	79	85	74
2000	Above Normal	74	74	79	71	49	50	60	65	77	80	83	81
2001	Dry	81	81	84	79	66	62	69	76	82	85	87	90
2002	Dry	92	90	69	55	65	66	69	71	81	86	87	89
2003	Above Normal	91	91	65	51	61	63	62	56	71	80	86	n/a

Change in X2 Position (Node X2_PRV)
Alternative 5 - Future No Action (km)

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1923	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1924	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1925	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1926	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1927	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1928	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1929	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1930	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1931	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1932	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1933	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1934	Critical	0	0	3	2	0	0	0	0	0	0	0	0
1935	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1936	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1937	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1938	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1939	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1940	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1941	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1942	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1943	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1944	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1945	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1946	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1947	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1948	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1949	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1950	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1951	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1952	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1953	Wet	0	0	1	0	0	0	0	0	0	0	0	0
1954	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1955	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1956	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1957	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1958	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1959	Below Normal	0	0	0	1	0	0	0	0	0	0	0	0
1960	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1961	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1962	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1963	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1964	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1965	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1966	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1967	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1968	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1969	Wet	0	0	0	0	0	0	0	1	1	1	0	0
1970	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1971	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1972	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1973	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1974	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1975	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1976	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1977	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1978	Above Normal	0	0	0	0	0	0	0	1	1	0	0	0
1979	Below Normal	0	0	0	0	0	0	0	0	0	0	0	0
1980	Above Normal	0	3	2	0	0	0	0	0	0	0	0	0
1981	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1982	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1983	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1984	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1985	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1986	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1987	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1988	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1989	Dry	0	0	0	0	0	0	0	0	0	0	0	0
1990	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1991	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1992	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1993	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
1994	Critical	0	0	0	0	0	0	0	0	0	0	0	0
1995	Wet	0	0	0	0	0	0	0	0	0	2	1	0
1996	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1997	Wet	0	0	0	0	0	0	0	0	0	0	0	0
1998	Wet	0	0	0	0	0	0	0	0	0	1	1	0
1999	Wet	0	0	0	0	0	0	0	0	0	0	0	0
2000	Above Normal	0	0	0	0	0	0	0	0	0	0	0	0
2001	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2002	Dry	0	0	0	0	0	0	0	0	0	0	0	0
2003	Above Normal	0	0	0	0	0	0	0	0	0	0	0	n/a

Percent Change in X2 Position (Node X2_PRV)
From Future No Action

Year	SVI Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1968	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	2%	1%	1%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1979	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	n/a