Table 5C-1-1a. Sacramento River Flow at Bend Bridge, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	10,140	24,659	35,247	40,360	32,687	19,227	14,347	13,465	16,091	12,601	11,795
20% Exceedance	8,583	8,572	17,258	22,161	28,294	21,217	13,642	11,435	12,606	15,423	11,825	10,956
30% Exceedance	7,420	7,996	11,749	15,181	21,571	18,073	9,872	10,113	12,071	14,018	11,299	9,775
40% Exceedance	6,801	7,378	8,955	12,345	16,049	12,638	7,734	9,573	11,430	13,401	10,772	9,038
50% Exceedance	6,400	7,002	7,706	8,866	10,960	9,621	6,626	8,960	10,950	12,981	10,430	6,595
60% Exceedance	6,063	6,536	6,767	7,185	9,136	8,527	5,895	8,632	10,468	12,367	10,103	6,127
70% Exceedance	5,940	6,284	6,369	6,601	7,688	7,449	5,671	8,099	10,233	12,165	9,831	5,848
80% Exceedance	5,609	5,966	5,892	5,551	6,492	6,031	5,327	7,647	9,836	11,542	9,217	5,313
90% Exceedance	4,862	5,511	5,332	5,029	5,381	5,415	5,108	7,078	9,374	9,881	8,199	5,119
Full Simulation Period Average[a]	6,954	7,827	11,765	15,124	18,466	15,560	10,121	9,877	11,402	13,030	10,536	7,953
Wet Water Years (32%)	8,573	8,486	12,711	27,340	32,104	25,453	16,417	11,780	11,564	13,433	11,889	10,950
Above Normal Water Years (15%)	6,824	9,590	11,535	16,215	21,684	21,306	10,676	9,885	11,386	14,695	11,328	9,412
Below Normal Water Years (17%)	6,725	7,614	13,235	9,754	12,674	9,234	7,171	8,880	11,554	13,527	10,292	6,338
Dry Water Years (22%)	5,639	7,020	13,019	6,942	9,091	8,517	6,108	8,803	11,869	12,735	9,714	5,633
Critical Water Years (15%)	5,817	6,092	6,350	6,105	6,520	6,325	5,386	8,521	10,188	10,355	8,327	5,363

Table 5C-1-1b. Sacramento River Flow at Bend Bridge, Alternative 1A 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	9,924	24,663	35,452	40,369	32,056	19,209	14,347	13,423	15,744	12,600	11,794
20% Exceedance	8,716	8,576	17,045	22,251	28,350	21,178	13,946	11,436	12,656	15,378	11,789	10,976
30% Exceedance	7,335	8,029	12,401	15,234	22,205	18,006	9,872	10,113	11,828	14,026	11,123	9,755
40% Exceedance	6,809	7,322	9,052	12,348	16,103	12,635	7,597	9,393	11,421	13,405	10,686	8,960
50% Exceedance	6,440	6,893	7,703	8,795	10,961	9,621	6,738	8,971	10,977	12,980	10,288	6,572
60% Exceedance	6,042	6,457	6,721	7,185	9,121	8,526	5,892	8,604	10,450	12,376	10,017	6,127
70% Exceedance	5,876	6,224	6,330	6,601	7,655	7,449	5,684	8,104	10,202	12,151	9,806	5,888
80% Exceedance	5,614	5,845	5,902	5,542	6,492	6,028	5,316	7,631	9,808	11,459	9,193	5,595
90% Exceedance	4,863	5,203	5,223	5,028	5,361	5,393	5,108	6,977	9,175	9,893	8,649	5,113
Full Simulation Period Average[a]	6,964	7,775	11,867	15,154	18,524	15,586	10,126	9,851	11,347	12,987	10,509	7,932
Wet Water Years (32%)	8,548	8,494	12,690	27,433	32,113	25,464	16,418	11,772	11,574	13,436	11,858	10,946
Above Normal Water Years (15%)	6,952	9,611	11,621	16,251	22,040	21,271	10,598	9,887	11,417	14,587	11,066	9,157
Below Normal Water Years (17%)	6,682	7,655	13,451	9,728	12,738	9,215	7,262	8,892	11,537	13,363	10,050	6,238
Dry Water Years (22%)	5,559	6,854	13,294	6,950	9,060	8,658	6,106	8,833	11,843	12,739	9,685	5,610
Critical Water Years (15%)	5,983	5,900	6,342	6,087	6,515	6,325	5,391	8,297	9,818	10,348	8,798	5,638

Table 5C-1-1c. Sacramento River Flow at Bend Bridge, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-217	3	205	9	-631	-18	0	-43	-347	0	0
20% Exceedance	133	4	-214	91	56	-38	304	1	49	-45	-36	20
30% Exceedance	-85	33	652	54	634	-66	0	0	-242	7	-176	-20
40% Exceedance	8	-56	97	2	53	-3	-137	-181	-9	4	-86	-78
50% Exceedance	39	-109	-4	-72	1	0	112	12	27	-2	-142	-23
60% Exceedance	-21	-79	-46	0	-15	-1	-3	-28	-18	10	-86	1
70% Exceedance	-63	-60	-39	0	-33	0	13	5	-31	-15	-25	40
80% Exceedance	5	-122	11	-9	0	-3	-11	-16	-28	-83	-24	282
90% Exceedance	0	-309	-109	0	-19	-22	1	-101	-199	12	450	-5
Full Simulation Period Average[a]	10	-52	102	30	58	26	5	-26	-55	-43	-27	-20
Wet Water Years (32%)	-26	8	-21	93	9	11	1	-8	10	2	-32	-4
Above Normal Water Years (15%)	128	22	86	36	356	-36	-78	2	31	-108	-262	-254
Below Normal Water Years (17%)	-43	41	216	-26	63	-18	91	12	-17	-163	-241	-100
Dry Water Years (22%)	-80	-166	275	8	-31	142	-2	30	-26	4	-29	-23
Critical Water Years (15%)	166	-192	-7	-19	-5	0	5	-224	-369	-7	471	275

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-1-2a. Sacramento River Flow at Bend Bridge, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	10,140	24,659	35,247	40,360	32,687	19,227	14,347	13,465	16,091	12,601	11,795
20% Exceedance	8,583	8,572	17,258	22,161	28,294	21,217	13,642	11,435	12,606	15,423	11,825	10,956
30% Exceedance	7,420	7,996	11,749	15,181	21,571	18,073	9,872	10,113	12,071	14,018	11,299	9,775
40% Exceedance	6,801	7,378	8,955	12,345	16,049	12,638	7,734	9,573	11,430	13,401	10,772	9,038
50% Exceedance	6,400	7,002	7,706	8,866	10,960	9,621	6,626	8,960	10,950	12,981	10,430	6,595
60% Exceedance	6,063	6,536	6,767	7,185	9,136	8,527	5,895	8,632	10,468	12,367	10,103	6,127
70% Exceedance	5,940	6,284	6,369	6,601	7,688	7,449	5,671	8,099	10,233	12,165	9,831	5,848
80% Exceedance	5,609	5,966	5,892	5,551	6,492	6,031	5,327	7,647	9,836	11,542	9,217	5,313
90% Exceedance	4,862	5,511	5,332	5,029	5,381	5,415	5,108	7,078	9,374	9,881	8,199	5,119
Full Simulation Period Average[a]	6,954	7,827	11,765	15,124	18,466	15,560	10,121	9,877	11,402	13,030	10,536	7,953
Wet Water Years (32%)	8,573	8,486	12,711	27,340	32,104	25,453	16,417	11,780	11,564	13,433	11,889	10,950
Above Normal Water Years (15%)	6,824	9,590	11,535	16,215	21,684	21,306	10,676	9,885	11,386	14,695	11,328	9,412
Below Normal Water Years (17%)	6,725	7,614	13,235	9,754	12,674	9,234	7,171	8,880	11,554	13,527	10,292	6,338
Dry Water Years (22%)	5,639	7,020	13,019	6,942	9,091	8,517	6,108	8,803	11,869	12,735	9,714	5,633
Critical Water Years (15%)	5,817	6,092	6,350	6,105	6,520	6,325	5,386	8,521	10,188	10,355	8,327	5,363

Table 5C-1-2b. Sacramento River Flow at Bend Bridge, Alternative 1B 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	10,291	24,663	36,394	40,331	32,688	19,209	14,347	13,448	15,826	12,600	11,795
20% Exceedance	8,717	8,576	17,399	22,275	28,406	21,178	14,084	11,436	12,538	15,339	11,935	10,951
30% Exceedance	7,425	8,030	12,595	15,257	22,517	17,981	9,872	9,810	11,431	14,075	11,026	9,723
40% Exceedance	6,878	7,363	8,950	12,362	16,118	12,745	7,597	9,321	11,079	13,405	10,707	8,706
50% Exceedance	6,576	6,973	7,685	8,795	10,960	9,625	6,595	8,828	10,753	12,914	10,376	6,721
60% Exceedance	6,206	6,498	6,743	7,186	9,120	8,595	5,894	8,526	10,420	12,354	10,200	6,142
70% Exceedance	5,904	6,275	6,340	6,602	7,655	7,541	5,684	7,948	10,048	11,959	9,700	5,926
80% Exceedance	5,606	5,892	5,902	5,542	6,544	6,045	5,314	7,406	9,620	11,264	9,132	5,613
90% Exceedance	4,867	5,240	5,298	5,027	5,363	5,393	4,953	7,045	8,956	9,868	8,712	5,113
Full Simulation Period Average[a]	7,004	7,856	11,928	15,192	18,601	15,583	10,105	9,749	11,172	12,948	10,521	7,952
Wet Water Years (32%)	8,566	8,534	12,792	27,544	32,170	25,448	16,393	11,795	11,556	13,411	11,803	10,856
Above Normal Water Years (15%)	7,075	9,757	11,788	16,256	22,200	21,331	10,676	9,865	10,754	14,392	11,181	9,374
Below Normal Water Years (17%)	6,746	7,786	13,479	9,730	12,864	9,217	7,257	8,620	11,324	13,458	10,186	6,327
Dry Water Years (22%)	5,575	6,962	13,284	6,956	9,107	8,506	6,025	8,583	11,757	12,713	9,676	5,617
Critical Water Years (15%)	5,998	5,908	6,355	6,091	6,533	6,504	5,352	8,265	9,706	10,259	8,744	5,636

Table 5C-1-2c. Sacramento River Flow at Bend Bridge, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	151	4	1,147	-29	1	-18	1	-17	-265	0	0
20% Exceedance	133	4	141	114	112	-39	442	1	-68	-84	110	-5
30% Exceedance	5	33	846	76	946	-91	0	-303	-640	56	-273	-52
40% Exceedance	76	-15	-6	17	68	107	-137	-252	-350	4	-65	-332
50% Exceedance	176	-29	-21	-71	0	5	-31	-132	-197	-68	-54	126
60% Exceedance	143	-37	-24	1	-15	68	-1	-106	-48	-13	98	15
70% Exceedance	-35	-10	-29	1	-33	92	13	-151	-184	-206	-132	78
80% Exceedance	-2	-74	10	-9	53	14	-13	-241	-216	-279	-85	300
90% Exceedance	5	-271	-34	-2	-18	-22	-155	-33	-418	-13	513	-6
Full Simulation Period Average[a]	50	29	163	68	134	23	-16	-128	-230	-82	-14	-1
Wet Water Years (32%)	-8	48	81	205	66	-5	-24	15	-9	-22	-86	-94
Above Normal Water Years (15%)	251	167	253	41	516	25	0	-20	-633	-303	-147	-37
Below Normal Water Years (17%)	21	171	245	-24	189	-17	86	-260	-230	-69	-105	-11
Dry Water Years (22%)	-64	-58	265	13	16	-10	-83	-220	-112	-22	-39	-16
Critical Water Years (15%)	182	-184	6	-14	14	178	-34	-256	-482	-96	417	273

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-1-3a. Sacramento River Flow at Bend Bridge, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	10,140	24,659	35,247	40,360	32,687	19,227	14,347	13,465	16,091	12,601	11,795
20% Exceedance	8,583	8,572	17,258	22,161	28,294	21,217	13,642	11,435	12,606	15,423	11,825	10,956
30% Exceedance	7,420	7,996	11,749	15,181	21,571	18,073	9,872	10,113	12,071	14,018	11,299	9,775
40% Exceedance	6,801	7,378	8,955	12,345	16,049	12,638	7,734	9,573	11,430	13,401	10,772	9,038
50% Exceedance	6,400	7,002	7,706	8,866	10,960	9,621	6,626	8,960	10,950	12,981	10,430	6,595
60% Exceedance	6,063	6,536	6,767	7,185	9,136	8,527	5,895	8,632	10,468	12,367	10,103	6,127
70% Exceedance	5,940	6,284	6,369	6,601	7,688	7,449	5,671	8,099	10,233	12,165	9,831	5,848
80% Exceedance	5,609	5,966	5,892	5,551	6,492	6,031	5,327	7,647	9,836	11,542	9,217	5,313
90% Exceedance	4,862	5,511	5,332	5,029	5,381	5,415	5,108	7,078	9,374	9,881	8,199	5,119
Full Simulation Period Average[a]	6,954	7,827	11,765	15,124	18,466	15,560	10,121	9,877	11,402	13,030	10,536	7,953
Wet Water Years (32%)	8,573	8,486	12,711	27,340	32,104	25,453	16,417	11,780	11,564	13,433	11,889	10,950
Above Normal Water Years (15%)	6,824	9,590	11,535	16,215	21,684	21,306	10,676	9,885	11,386	14,695	11,328	9,412
Below Normal Water Years (17%)	6,725	7,614	13,235	9,754	12,674	9,234	7,171	8,880	11,554	13,527	10,292	6,338
Dry Water Years (22%)	5,639	7,020	13,019	6,942	9,091	8,517	6,108	8,803	11,869	12,735	9,714	5,633
Critical Water Years (15%)	5,817	6,092	6,350	6,105	6,520	6,325	5,386	8,521	10,188	10,355	8,327	5,363

Table 5C-1-3b. Sacramento River Flow at Bend Bridge, Alternative 2 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	9,924	24,663	35,452	40,369	32,688	19,209	14,347	13,423	15,744	12,600	11,795
20% Exceedance	8,716	8,576	17,066	22,251	28,350	21,178	13,946	11,436	12,656	15,327	11,789	10,975
30% Exceedance	7,350	8,015	12,401	15,227	21,985	18,005	9,872	10,113	11,828	14,026	11,112	9,720
40% Exceedance	6,819	7,323	9,052	12,343	16,103	12,635	7,599	9,365	11,421	13,405	10,686	8,960
50% Exceedance	6,511	6,893	7,703	8,795	10,960	9,621	6,738	8,931	10,977	12,980	10,289	6,565
60% Exceedance	6,037	6,488	6,721	7,185	9,121	8,527	5,892	8,594	10,450	12,342	10,017	6,126
70% Exceedance	5,842	6,238	6,330	6,601	7,655	7,449	5,684	8,104	10,202	12,119	9,806	5,888
80% Exceedance	5,609	5,767	5,902	5,542	6,492	6,028	5,316	7,631	9,808	11,519	9,193	5,595
90% Exceedance	4,863	5,119	5,228	5,028	5,365	5,393	5,108	6,977	9,176	10,086	8,653	5,126
Full Simulation Period Average[a]	6,967	7,768	11,876	15,157	18,526	15,594	10,131	9,841	11,341	12,982	10,507	7,927
Wet Water Years (32%)	8,548	8,493	12,690	27,439	32,112	25,460	16,418	11,772	11,574	13,436	11,858	10,947
Above Normal Water Years (15%)	6,955	9,610	11,685	16,249	21,979	21,329	10,651	9,887	11,379	14,562	11,044	9,122
Below Normal Water Years (17%)	6,677	7,656	13,449	9,728	12,799	9,219	7,263	8,891	11,536	13,379	10,071	6,238
Dry Water Years (22%)	5,559	6,842	13,293	6,950	9,060	8,659	6,106	8,833	11,844	12,739	9,687	5,610
Critical Water Years (15%)	6,005	5,878	6,344	6,094	6,518	6,324	5,376	8,229	9,815	10,323	8,780	5,632

Table 5C-1-3c. Sacramento River Flow at Bend Bridge, Alternative 2 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-217	3	205	9	1	-18	0	-43	-347	0	0
20% Exceedance	133	4	-192	91	56	-38	304	2	49	-96	-36	19
30% Exceedance	-70	19	652	46	414	-68	0	0	-242	7	-186	-55
40% Exceedance	17	-56	97	-2	53	-3	-135	-208	-9	4	-86	-78
50% Exceedance	110	-109	-3	-72	0	0	112	-28	27	-2	-141	-30
60% Exceedance	-25	-48	-46	0	-15	0	-3	-38	-18	-25	-85	-1
70% Exceedance	-98	-47	-39	0	-33	0	13	5	-31	-46	-25	40
80% Exceedance	0	-200	11	-9	0	-3	-11	-16	-28	-23	-24	282
90% Exceedance	1	-392	-104	0	-15	-22	1	-101	-198	205	454	7
Full Simulation Period Average[a]	13	-58	111	32	60	34	10	-36	-61	-48	-29	-26
Wet Water Years (32%)	-26	8	-21	100	8	7	1	-8	10	2	-32	-4
Above Normal Water Years (15%)	131	21	150	34	295	23	-25	3	-8	-133	-284	-290
Below Normal Water Years (17%)	-48	41	214	-26	124	-15	91	11	-17	-148	-221	-100
Dry Water Years (22%)	-80	-178	274	8	-31	143	-2	31	-25	4	-27	-23
Critical Water Years (15%)	188	-215	-5	-11	-2	-2	-10	-291	-372	-32	454	270

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-1-4a. Sacramento River Flow at Bend Bridge, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,659	10,140	24,659	35,247	40,360	32,687	19,227	14,347	13,465	16,091	12,601	11,795
20% Exceedance	8,583	8,572	17,258	22,161	28,294	21,217	13,642	11,435	12,606	15,423	11,825	10,956
30% Exceedance	7,420	7,996	11,749	15,181	21,571	18,073	9,872	10,113	12,071	14,018	11,299	9,775
40% Exceedance	6,801	7,378	8,955	12,345	16,049	12,638	7,734	9,573	11,430	13,401	10,772	9,038
50% Exceedance	6,400	7,002	7,706	8,866	10,960	9,621	6,626	8,960	10,950	12,981	10,430	6,595
60% Exceedance	6,063	6,536	6,767	7,185	9,136	8,527	5,895	8,632	10,468	12,367	10,103	6,127
70% Exceedance	5,940	6,284	6,369	6,601	7,688	7,449	5,671	8,099	10,233	12,165	9,831	5,848
80% Exceedance	5,609	5,966	5,892	5,551	6,492	6,031	5,327	7,647	9,836	11,542	9,217	5,313
90% Exceedance	4,862	5,511	5,332	5,029	5,381	5,415	5,108	7,078	9,374	9,881	8,199	5,119
Full Simulation Period Average[a]	6,954	7,827	11,765	15,124	18,466	15,560	10,121	9,877	11,402	13,030	10,536	7,953
Wet Water Years (32%)	8,573	8,486	12,711	27,340	32,104	25,453	16,417	11,780	11,564	13,433	11,889	10,950
Above Normal Water Years (15%)	6,824	9,590	11,535	16,215	21,684	21,306	10,676	9,885	11,386	14,695	11,328	9,412
Below Normal Water Years (17%)	6,725	7,614	13,235	9,754	12,674	9,234	7,171	8,880	11,554	13,527	10,292	6,338
Dry Water Years (22%)	5,639	7,020	13,019	6,942	9,091	8,517	6,108	8,803	11,869	12,735	9,714	5,633
Critical Water Years (15%)	5,817	6,092	6,350	6,105	6,520	6,325	5,386	8,521	10,188	10,355	8,327	5,363

Table 5C-1-4b. Sacramento River Flow at Bend Bridge, Alternative 3 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,717	10,320	24,720	36,411	40,209	32,921	19,210	14,349	13,062	15,106	12,513	11,597
20% Exceedance	8,723	8,624	18,127	22,476	28,481	21,097	13,702	11,464	11,954	14,584	11,378	10,814
30% Exceedance	8,249	8,120	12,860	15,343	23,283	17,976	9,862	9,770	11,391	14,075	10,913	9,730
40% Exceedance	7,121	7,559	9,242	12,393	16,719	12,951	7,598	9,159	10,807	13,310	10,461	9,107
50% Exceedance	6,796	7,219	7,707	9,110	10,960	9,602	6,665	8,709	10,453	12,854	10,207	6,619
60% Exceedance	6,444	6,677	6,689	7,187	9,036	8,790	5,854	8,426	10,178	12,222	9,971	6,043
70% Exceedance	5,932	6,308	6,272	6,608	7,656	7,452	5,589	7,963	9,844	11,554	9,411	5,890
80% Exceedance	5,672	6,017	5,903	5,541	6,545	6,028	5,217	7,450	9,442	10,827	8,985	5,598
90% Exceedance	5,134	5,279	5,420	5,099	5,366	5,393	4,881	6,892	8,809	9,955	8,712	5,108
Full Simulation Period Average[a]	7,200	8,023	12,158	15,256	18,752	15,641	10,075	9,671	10,890	12,690	10,333	7,944
Wet Water Years (32%)	8,554	8,572	12,859	27,619	32,257	25,466	16,350	11,807	11,554	13,423	11,807	10,875
Above Normal Water Years (15%)	7,481	9,891	12,038	16,446	22,780	21,318	10,644	9,955	10,538	13,566	10,419	9,489
Below Normal Water Years (17%)	7,295	8,258	13,786	9,760	13,072	9,212	7,184	8,554	10,571	13,019	9,872	6,234
Dry Water Years (22%)	5,770	7,205	13,812	6,973	9,127	8,740	6,014	8,338	11,259	12,507	9,578	5,591
Critical Water Years (15%)	6,021	5,918	6,380	6,114	6,528	6,530	5,374	8,060	9,627	10,119	8,722	5,573

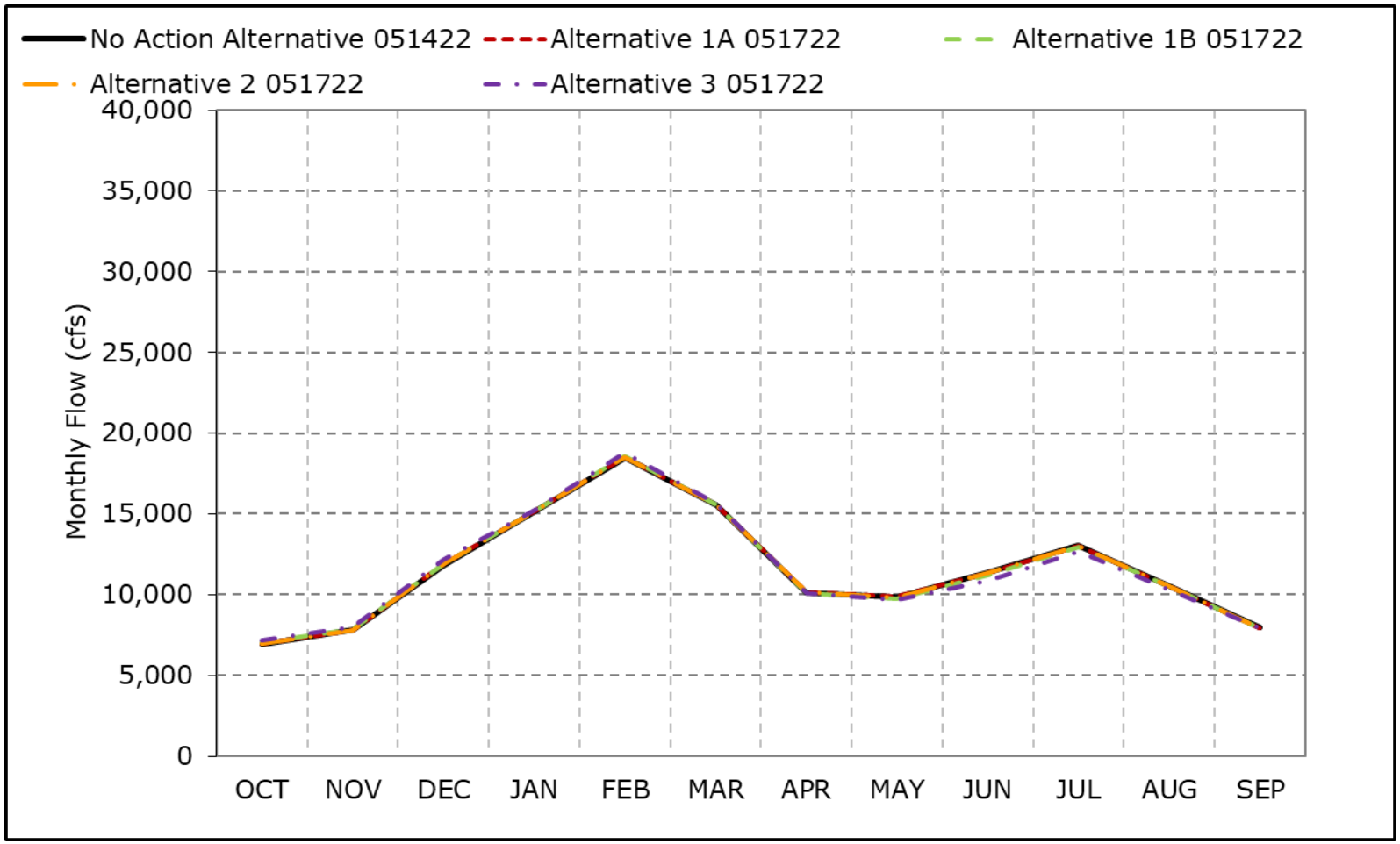
Table 5C-1-4c. Sacramento River Flow at Bend Bridge, Alternative 3 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58	180	61	1,163	-151	234	-17	2	-403	-985	-88	-198
20% Exceedance	140	52	869	315	187	-119	59	29	-653	-839	-447	-142
30% Exceedance	829	124	1,111	162	1,712	-97	-11	-343	-680	57	-386	-45
40% Exceedance	319	181	287	48	670	313	-137	-414	-622	-91	-311	69
50% Exceedance	396	218	1	244	0	-19	39	-250	-496	-127	-223	24
60% Exceedance	381	141	-77	2	-100	263	-41	-206	-291	-144	-131	-84
70% Exceedance	-7	24	-97	7	-32	3	-81	-136	-389	-611	-420	42
80% Exceedance	64	50	11	-10	53	-2	-110	-196	-394	-715	-232	285
90% Exceedance	272	-232	88	70	-15	-22	-227	-187	-565	74	514	-11
Full Simulation Period Average[a]	246	196	393	132	286	81	-46	-206	-511	-340	-203	-9
Wet Water Years (32%)	-20	86	148	280	153	13	-67	26	-11	-10	-82	-75
Above Normal Water Years (15%)	657	302	502	231	1,095	12	-32	70	-849	-1,129	-909	78
Below Normal Water Years (17%)	569	644	552	6	398	-21	12	-326	-983	-508	-420	-103
Dry Water Years (22%)	131	185	793	31	36	224	-94	-464	-610	-228	-137	-43
Critical Water Years (15%)	205	-174	31	9	8	205	-12	-461	-561	-235	396	210

[a] Based on the 82-year simulation period.

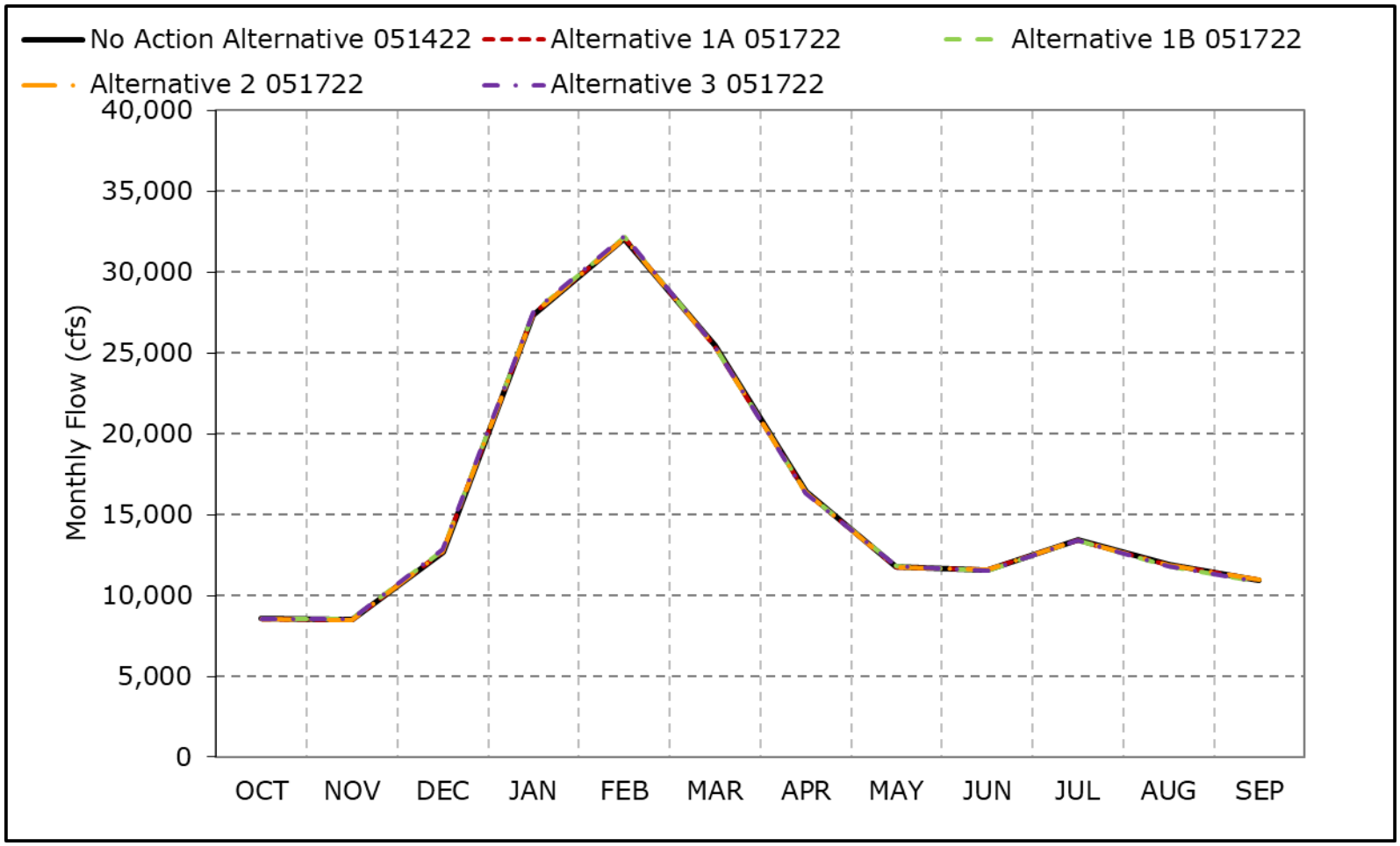
* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-1. Sacramento River Flow at Bend Bridge, Long-Term Average Flow



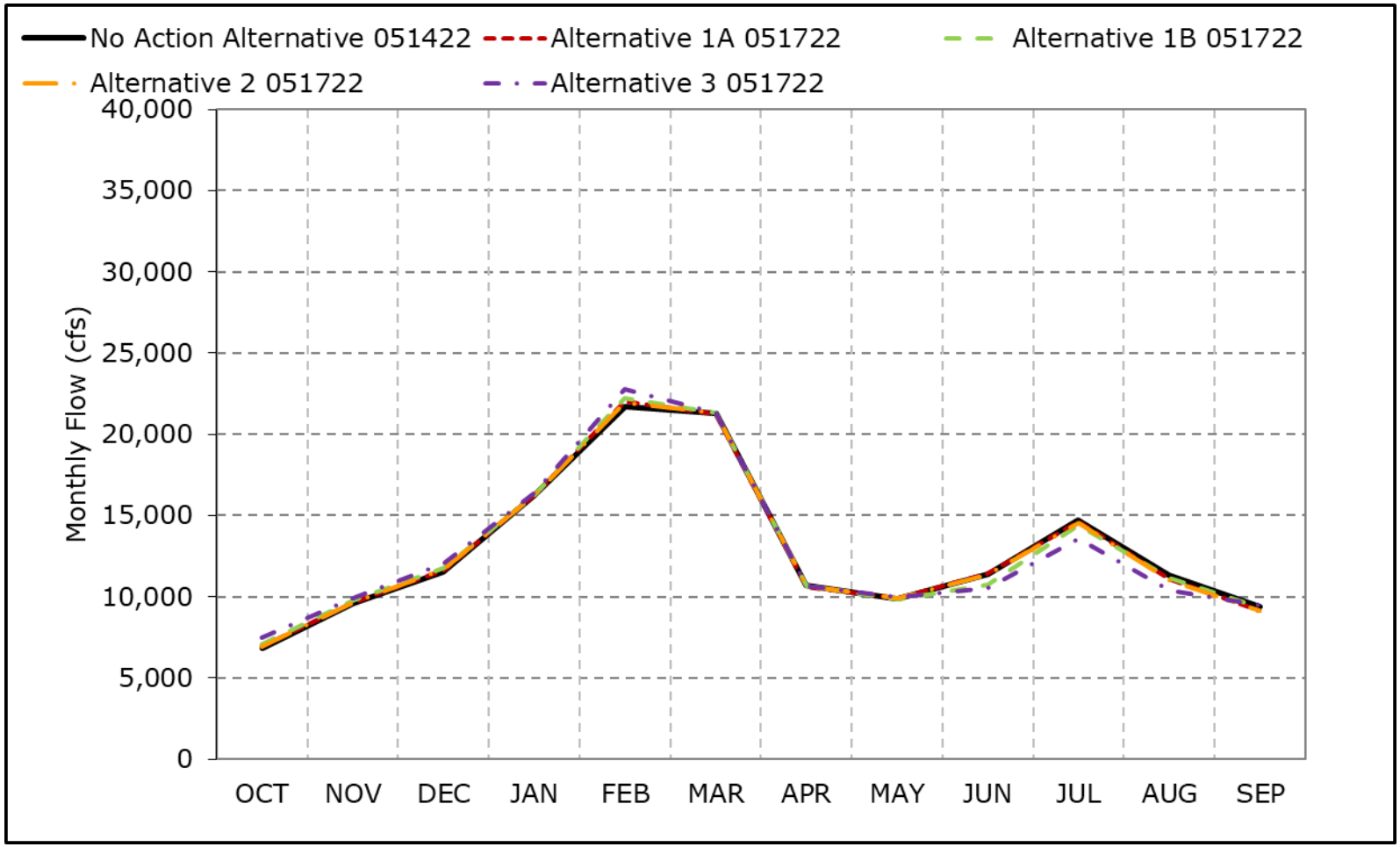
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-2. Sacramento River Flow at Bend Bridge, Wet Year Average Flow



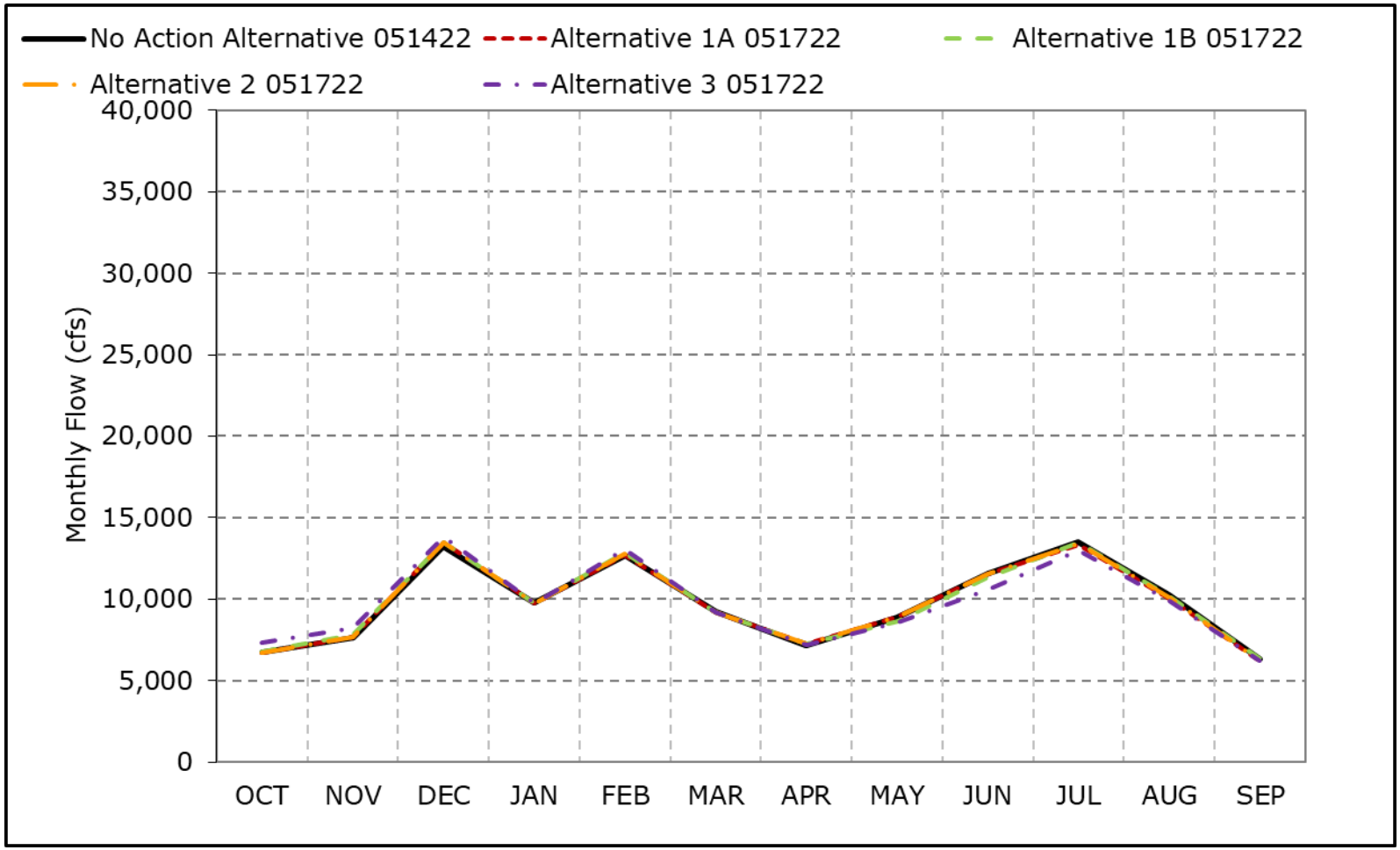
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-3. Sacramento River Flow at Bend Bridge, Above Normal Year Average Flow



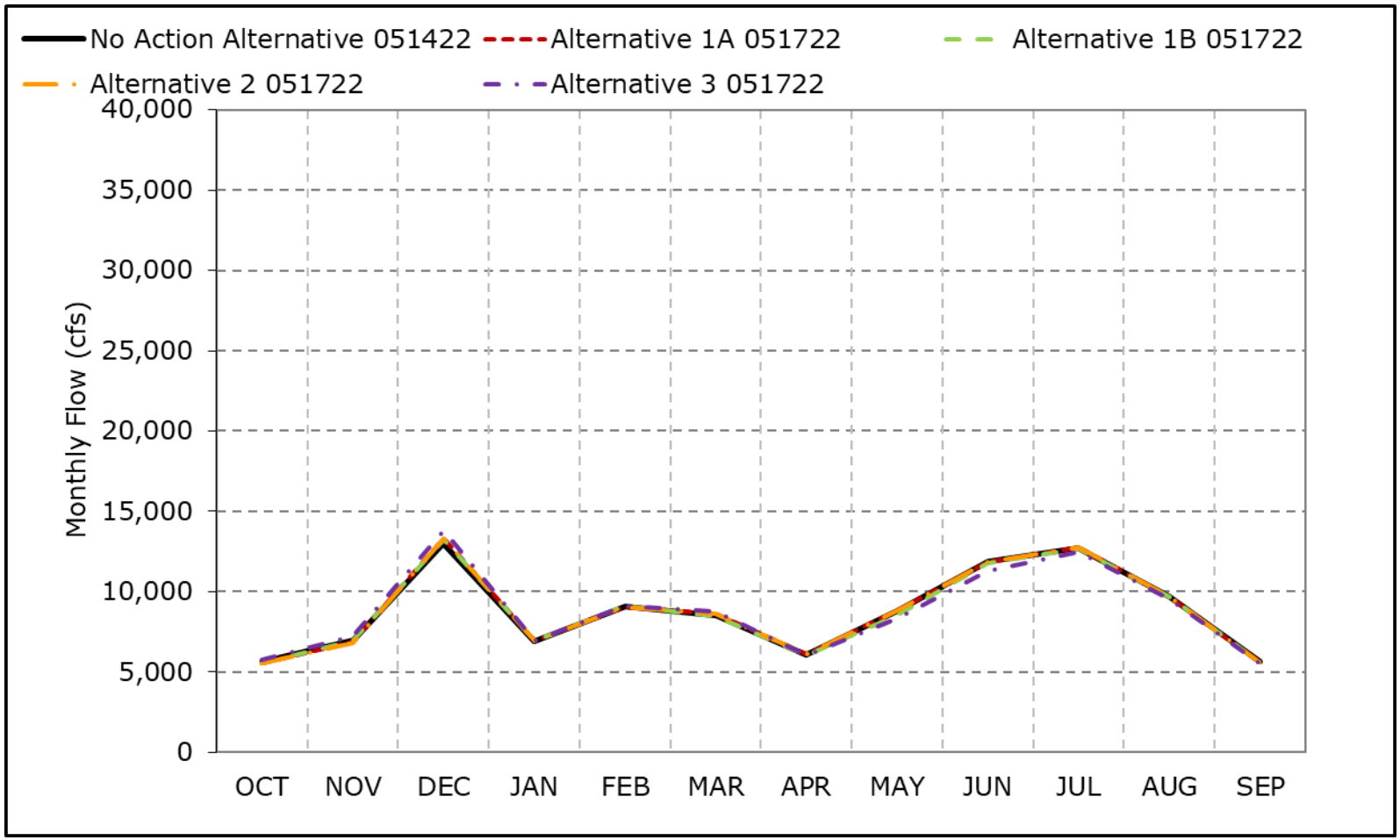
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-4. Sacramento River Flow at Bend Bridge, Below Normal Year Average Flow



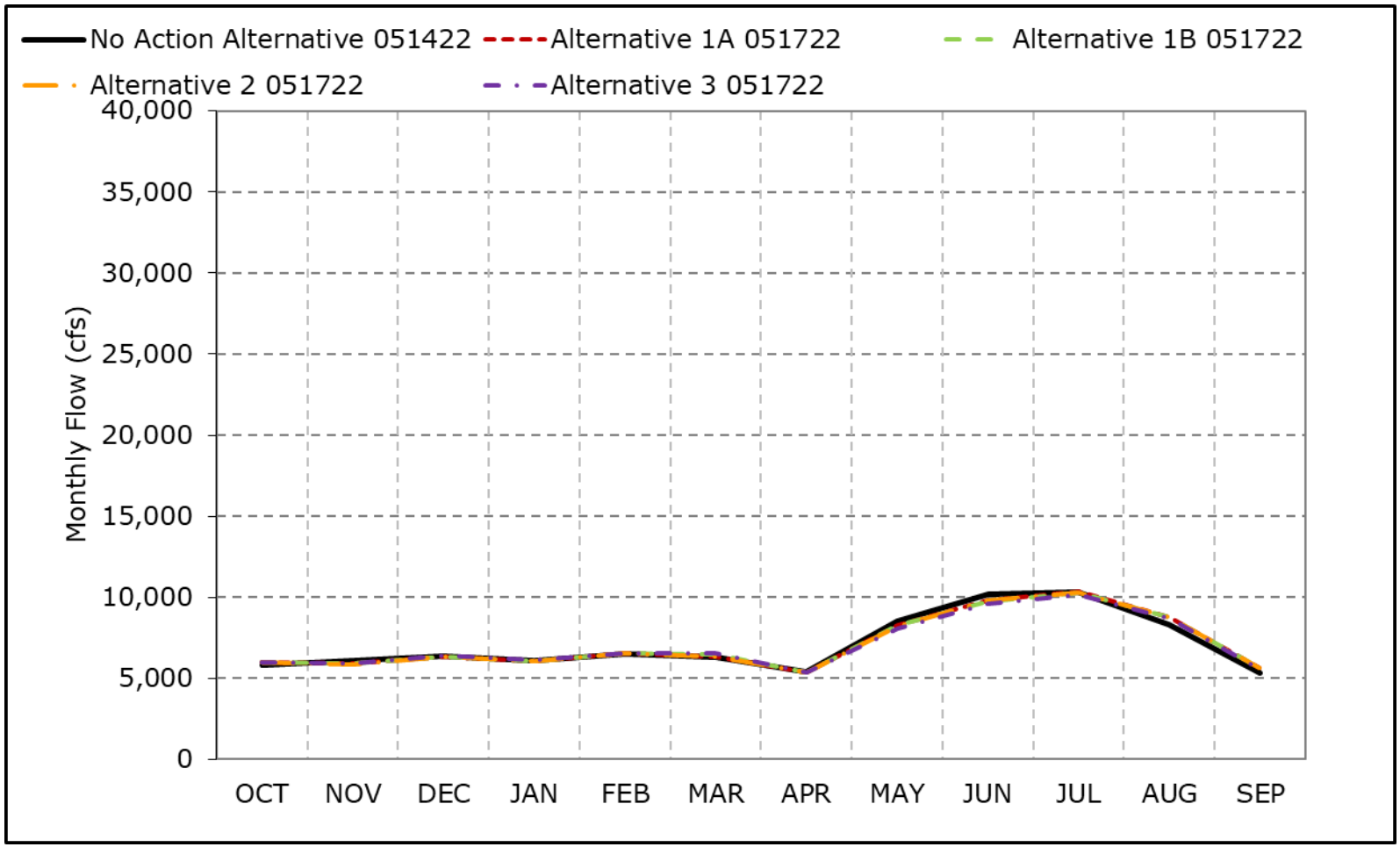
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-5. Sacramento River Flow at Bend Bridge, Dry Year Average Flow



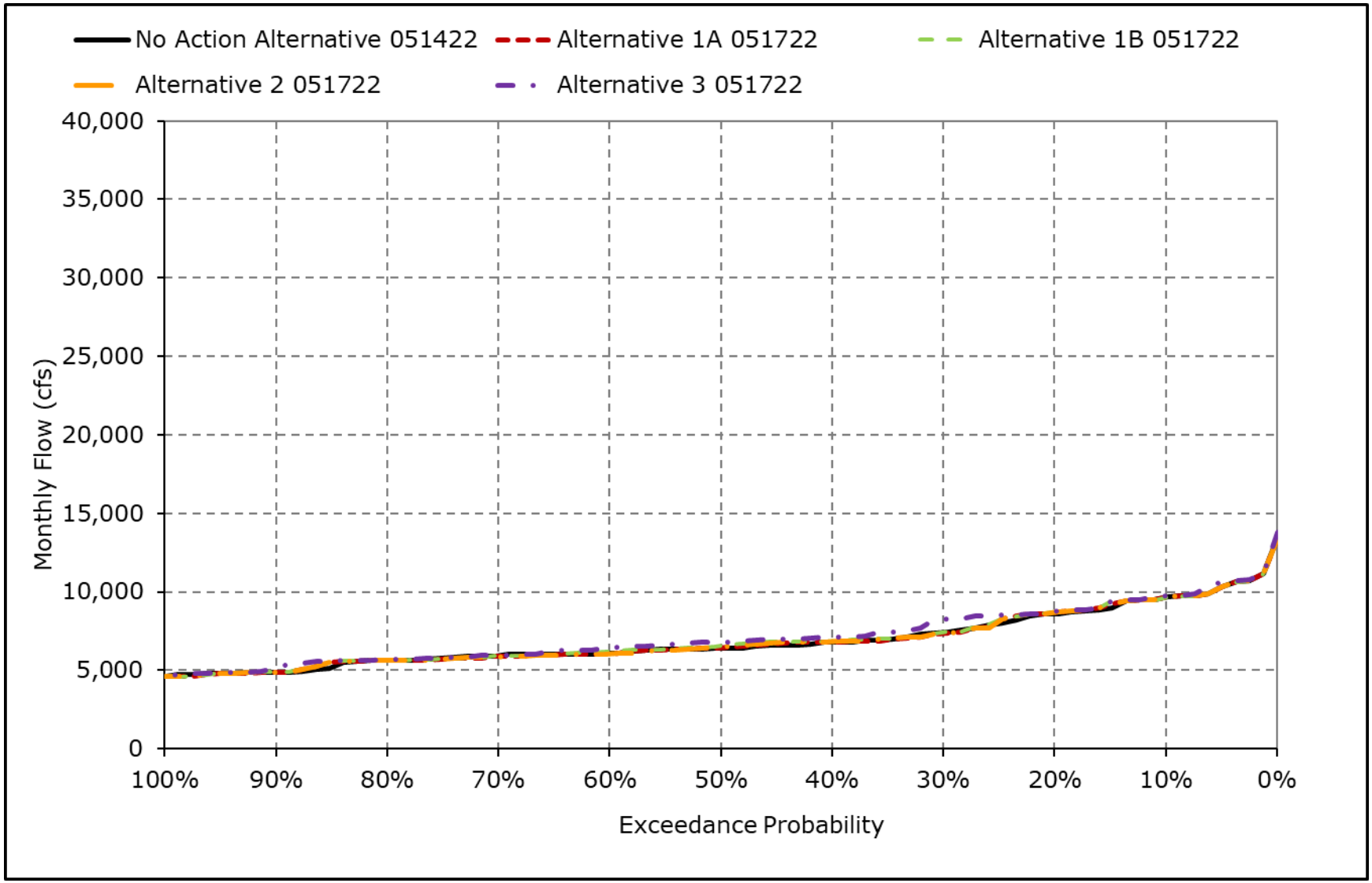
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-6. Sacramento River Flow at Bend Bridge, Critical Year Average Flow



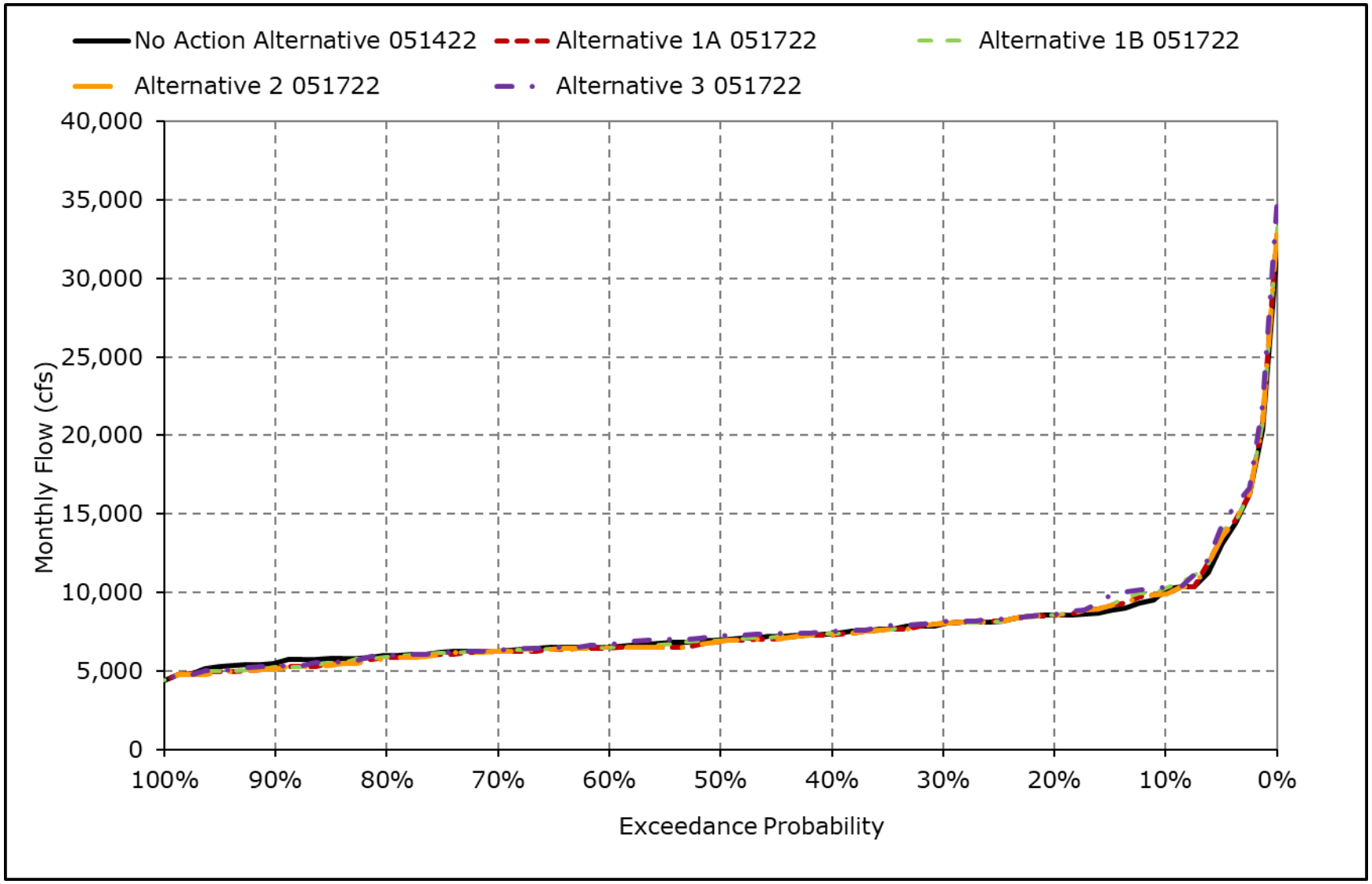
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-7. Sacramento River Flow at Bend Bridge, October



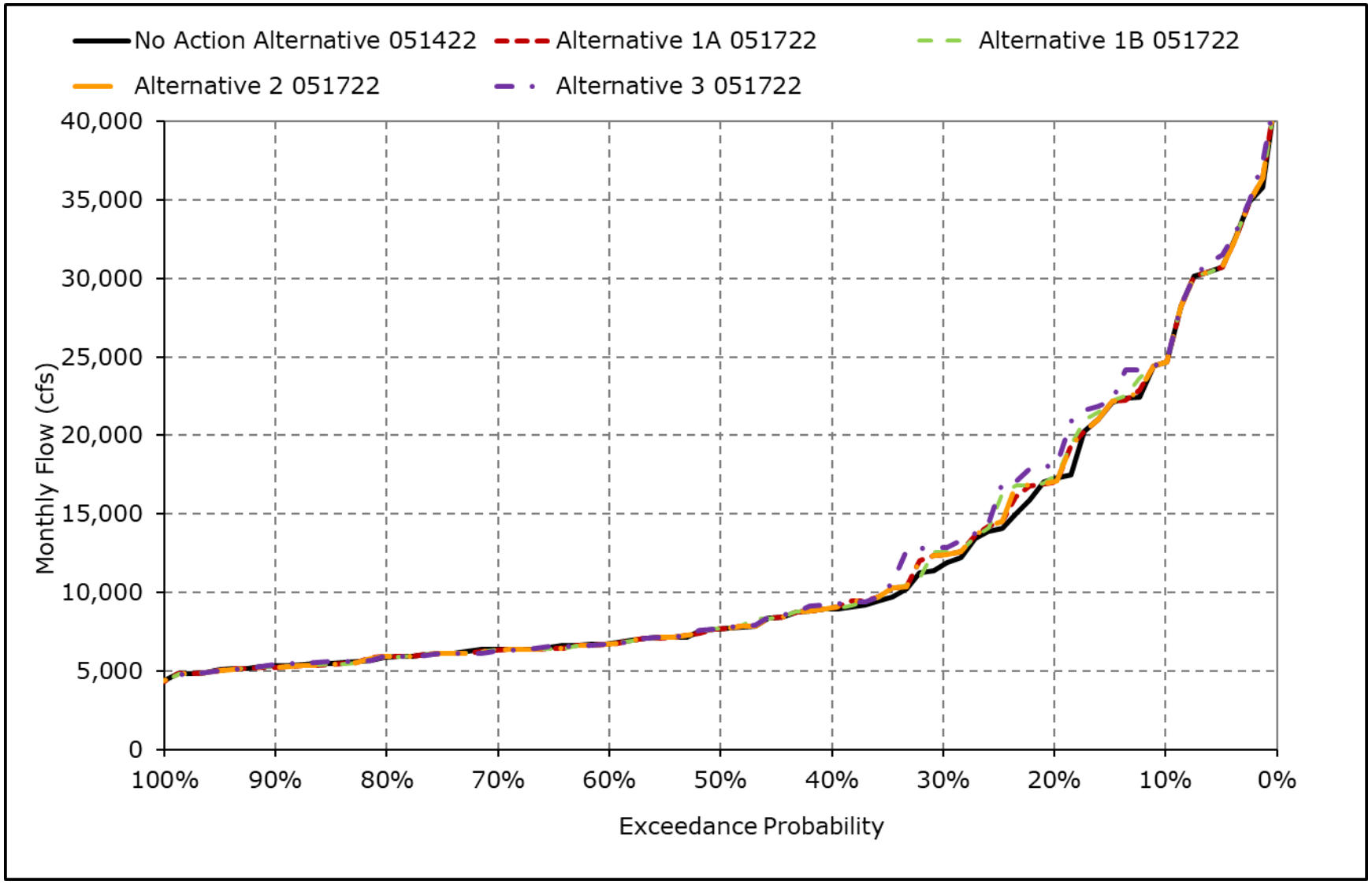
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-8. Sacramento River Flow at Bend Bridge, November



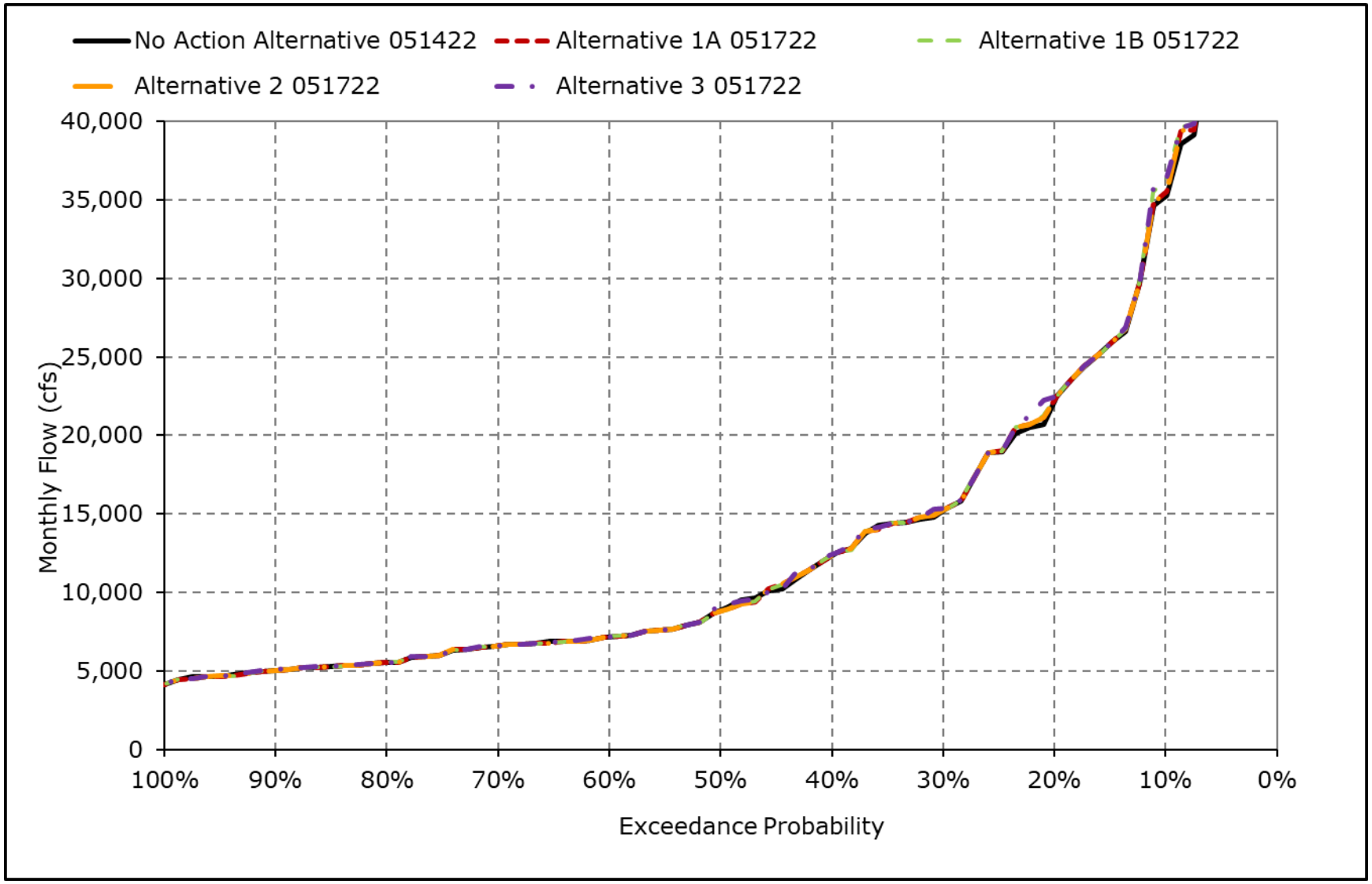
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-9. Sacramento River Flow at Bend Bridge, December



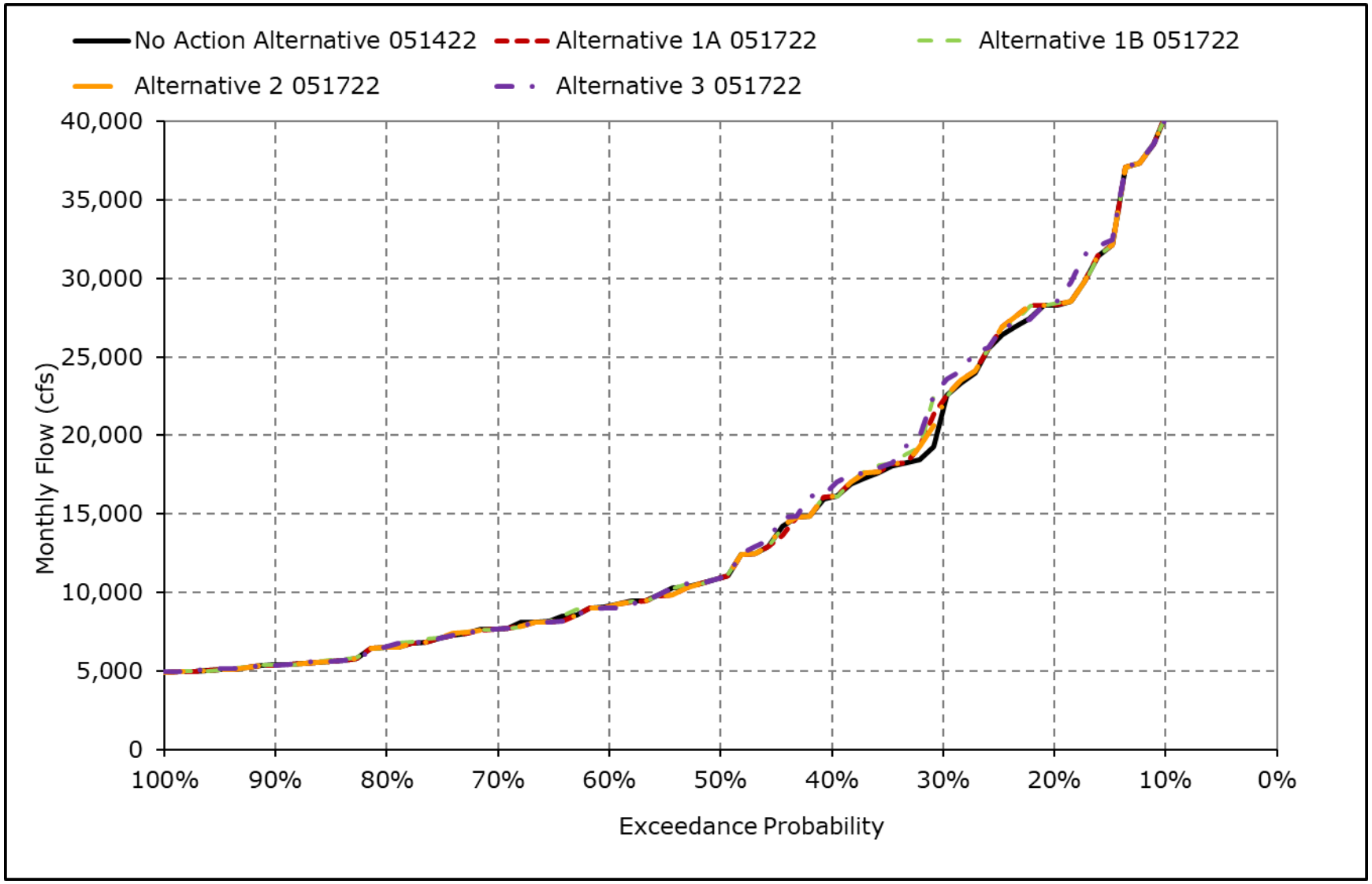
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-10. Sacramento River Flow at Bend Bridge, January



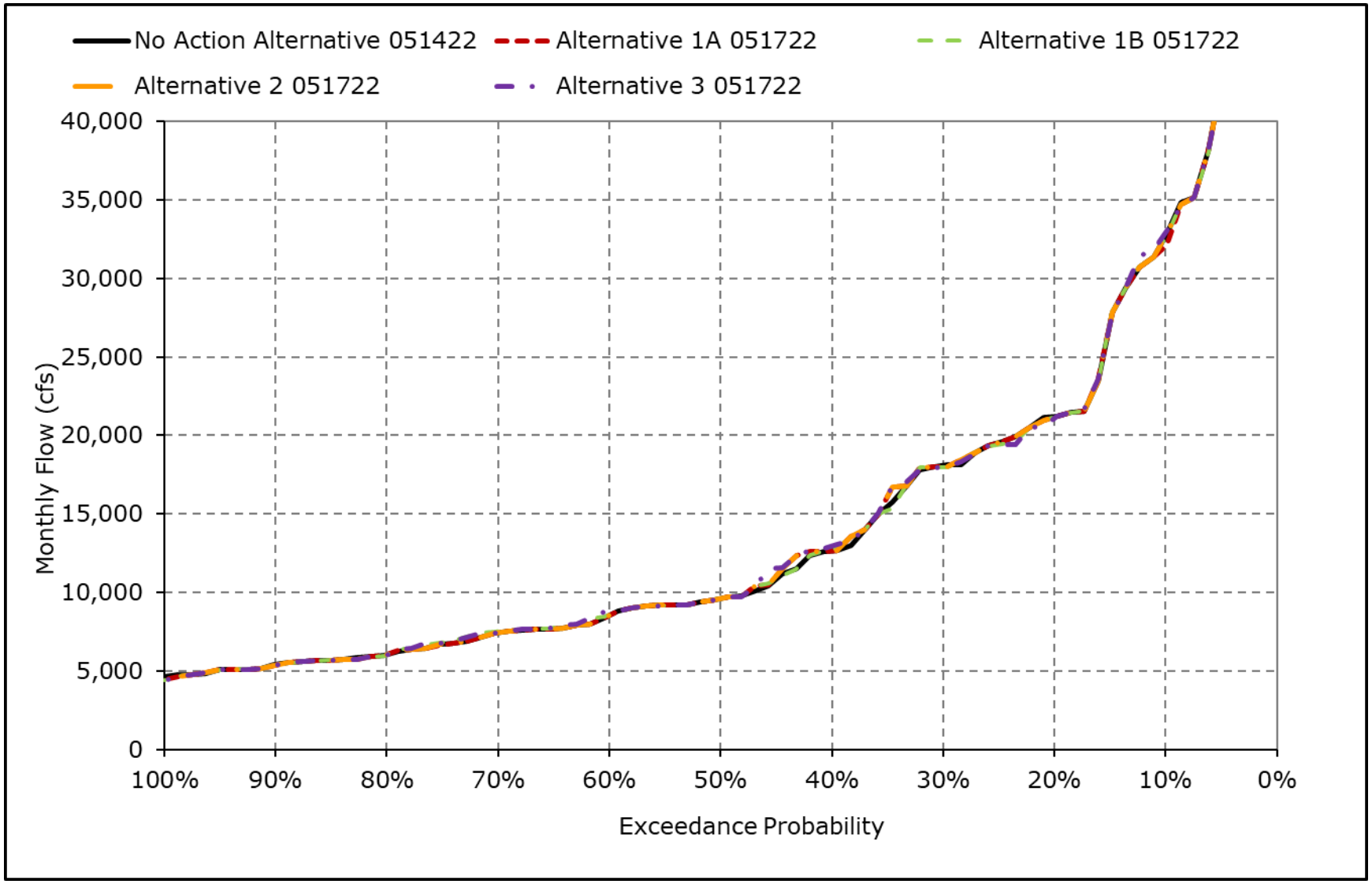
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-11. Sacramento River Flow at Bend Bridge, February



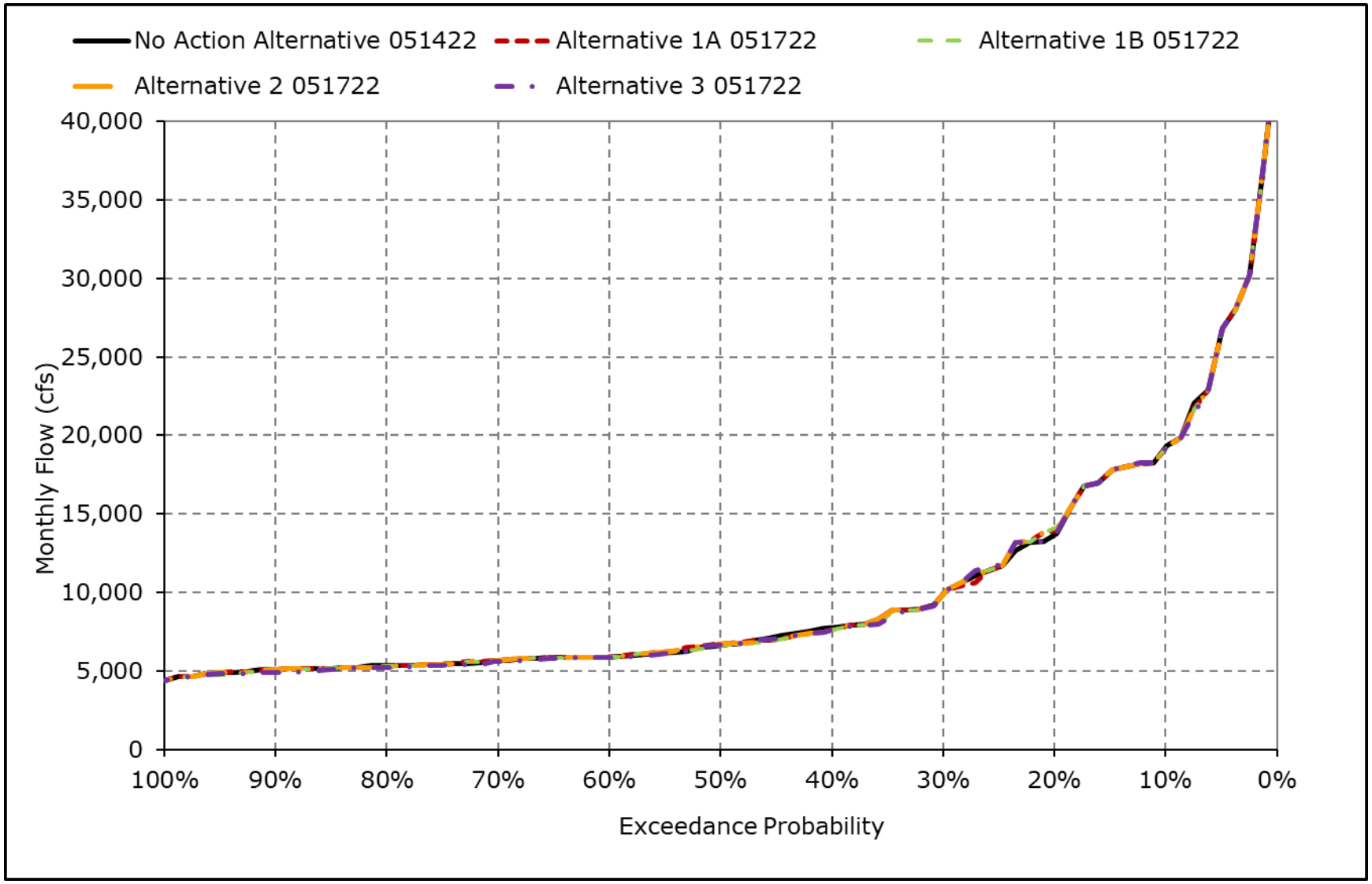
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-12. Sacramento River Flow at Bend Bridge, March



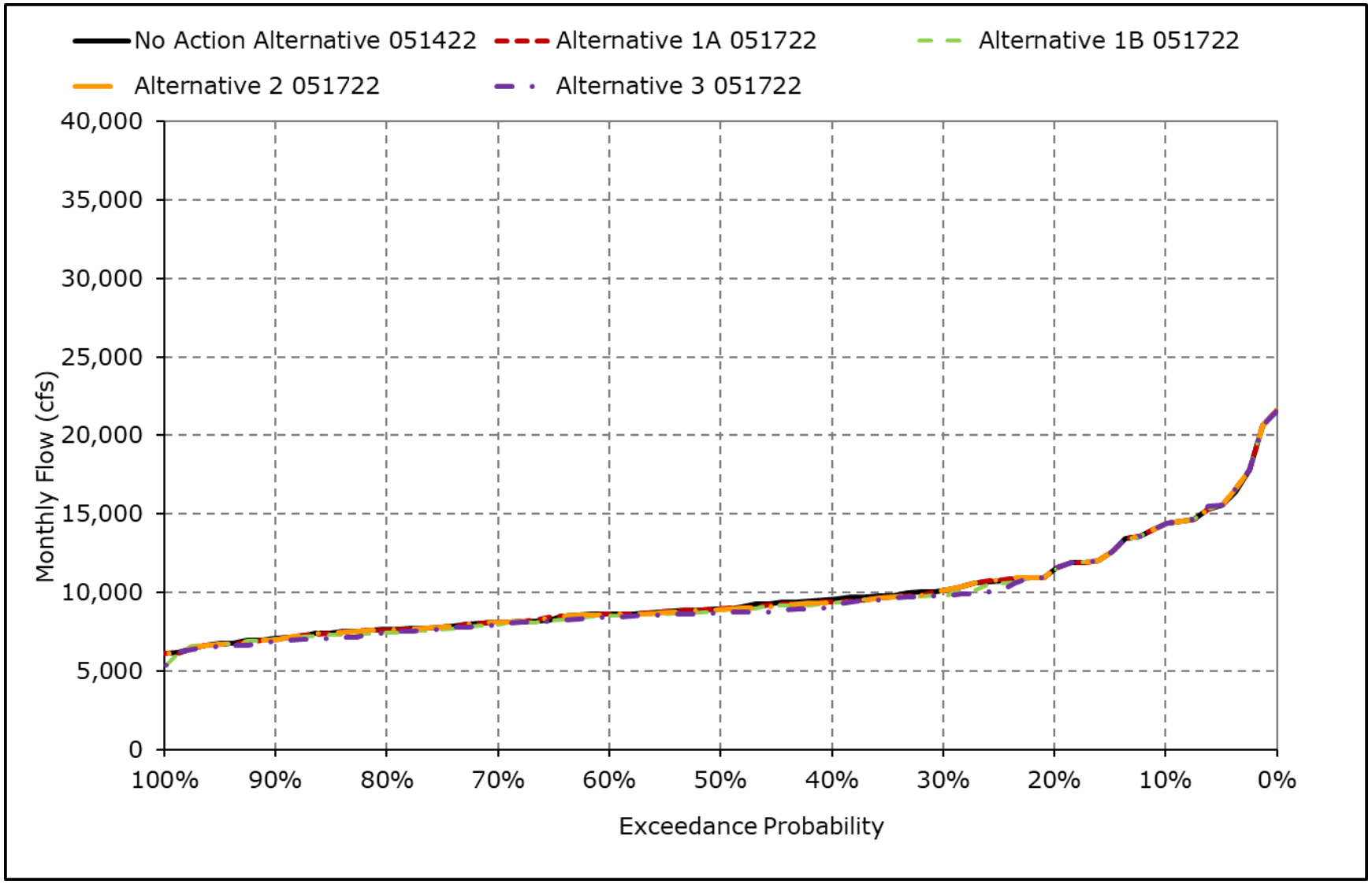
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-13. Sacramento River Flow at Bend Bridge, April



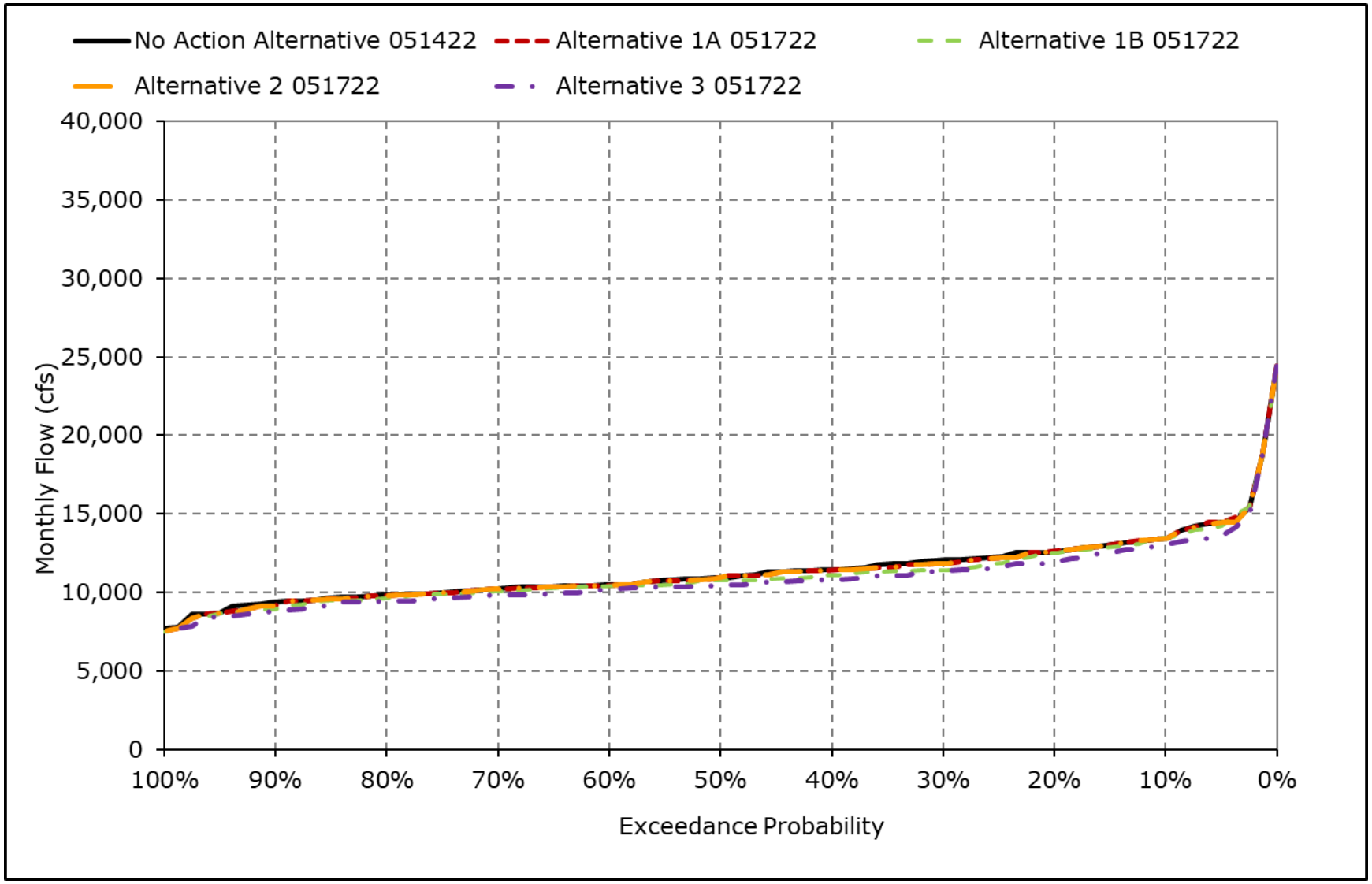
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-14. Sacramento River Flow at Bend Bridge, May



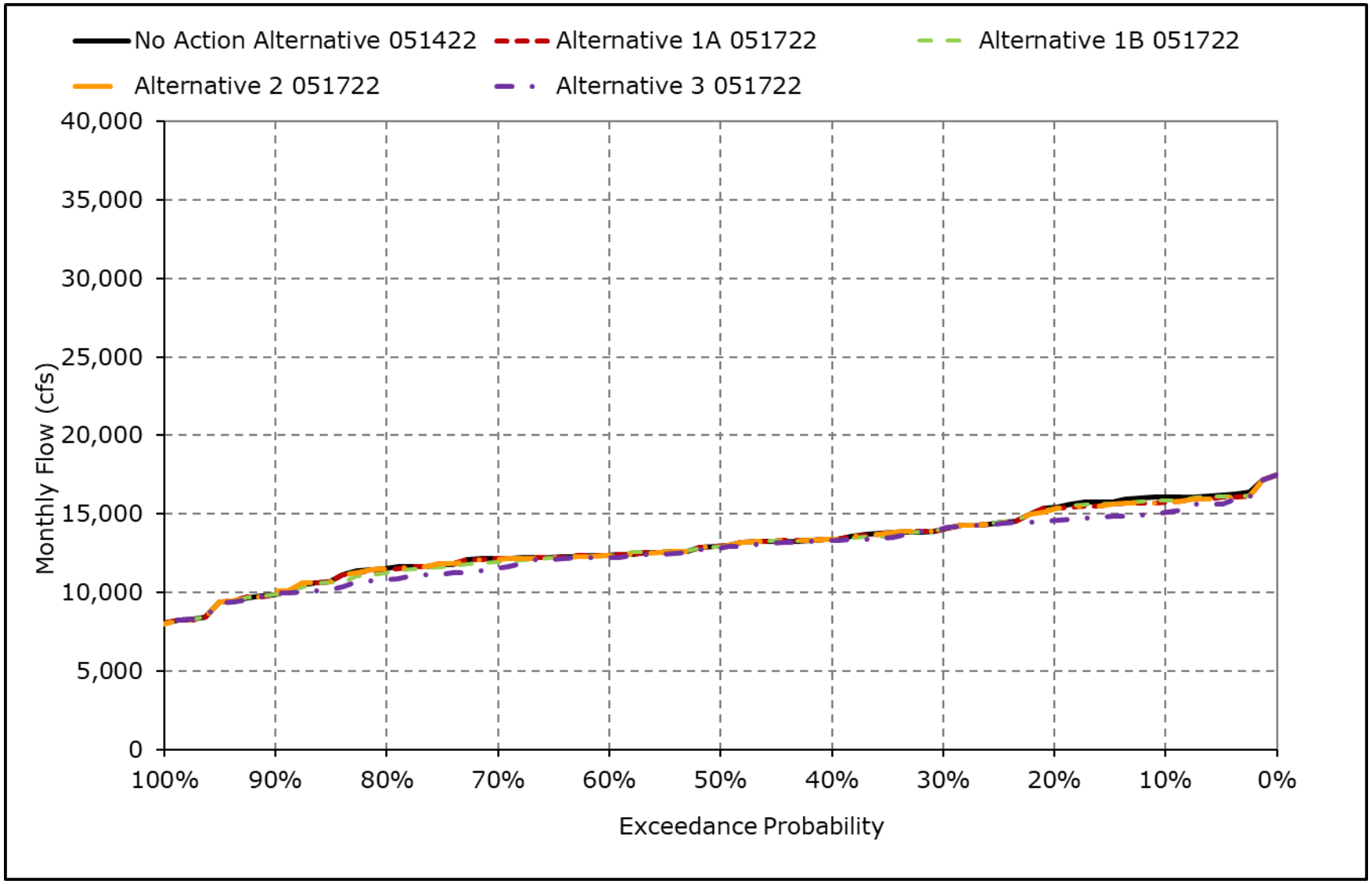
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-15. Sacramento River Flow at Bend Bridge, June



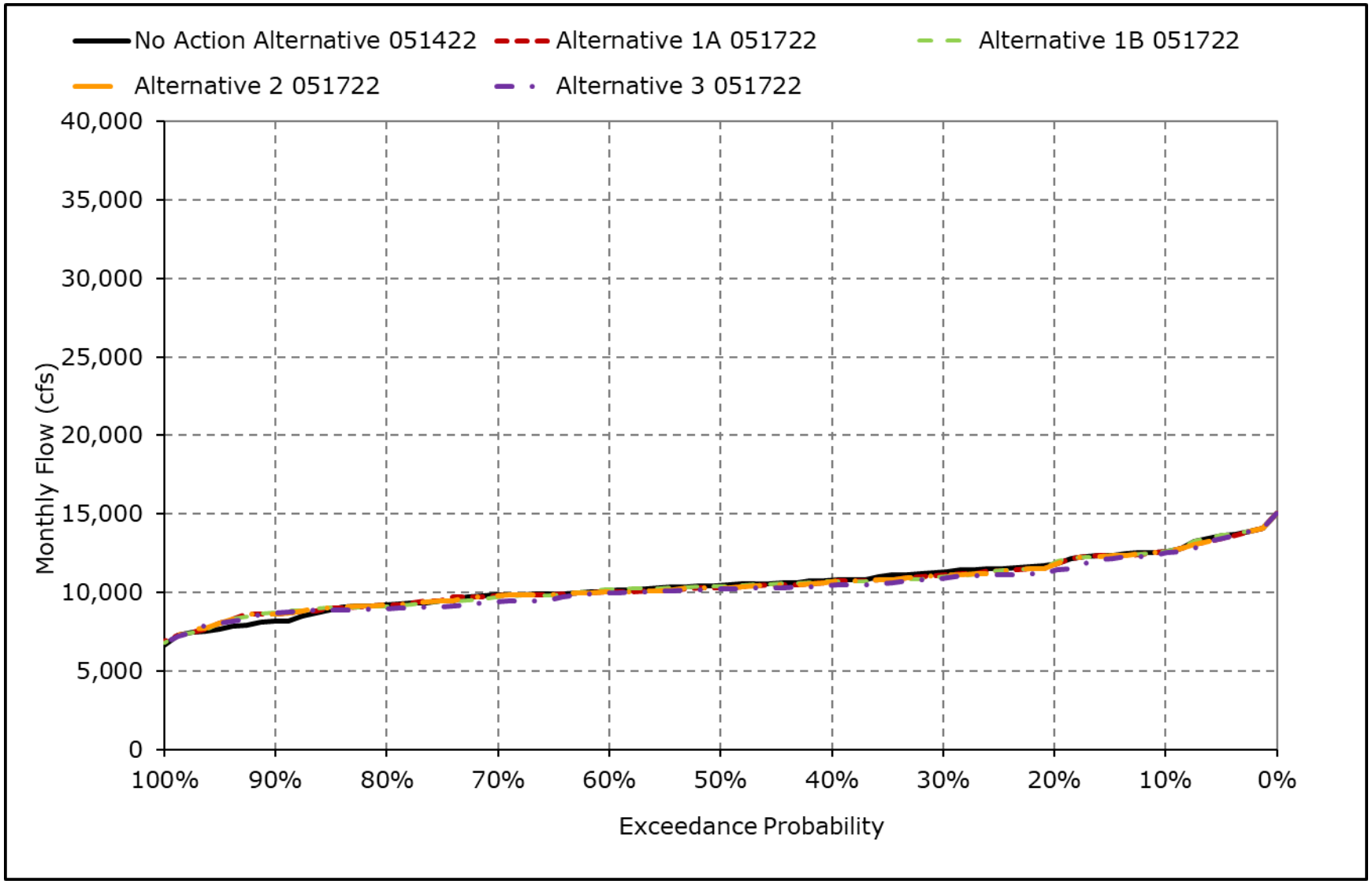
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-16. Sacramento River Flow at Bend Bridge, July



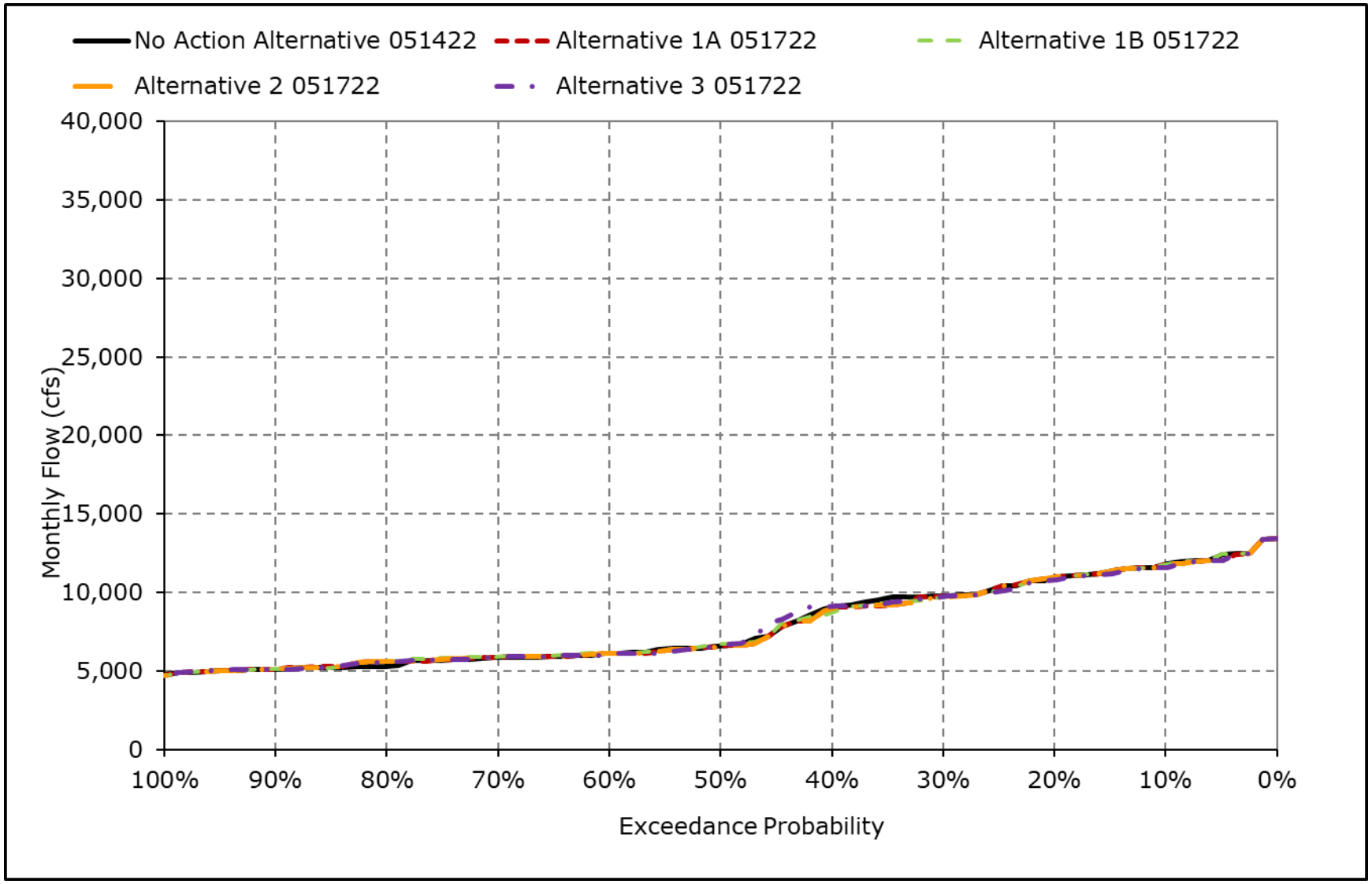
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-17. Sacramento River Flow at Bend Bridge, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-1-18. Sacramento River Flow at Bend Bridge, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-2-1a. Sacramento River Flow below Red Bluff Diversion Dam , No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,438	10,206	25,351	36,075	41,045	32,920	19,230	13,616	12,621	14,833	11,617	11,430
20% Exceedance	8,395	8,570	17,841	23,110	29,227	21,734	13,695	11,125	11,739	14,047	11,150	10,612
30% Exceedance	7,248	7,990	12,029	16,304	22,555	18,735	9,850	9,867	10,956	12,847	10,256	9,501
40% Exceedance	6,627	7,374	9,325	12,775	16,784	13,066	7,655	8,872	10,235	12,231	9,865	8,848
50% Exceedance	6,276	6,972	7,754	9,088	11,452	9,963	6,344	8,528	9,923	11,868	9,465	6,397
60% Exceedance	5,985	6,570	6,838	7,399	9,506	8,684	5,754	7,941	9,646	11,579	9,255	5,849
70% Exceedance	5,750	6,324	6,385	6,706	8,019	7,576	5,483	7,419	9,309	10,897	9,051	5,661
80% Exceedance	5,525	5,933	5,923	5,617	6,616	6,129	5,183	7,079	9,066	10,266	8,431	5,242
90% Exceedance	4,822	5,565	5,381	5,127	5,477	5,429	4,825	6,655	8,650	9,365	7,897	5,042
Full Simulation Period Average[a]	6,817	7,843	12,014	15,632	19,094	15,913	10,117	9,334	10,505	11,994	9,735	7,724
Wet Water Years (32%)	8,416	8,497	12,992	28,202	33,233	26,045	16,673	11,180	10,472	12,127	10,862	10,658
Above Normal Water Years (15%)	6,693	9,619	11,821	17,025	22,333	21,829	10,673	9,209	10,209	13,345	10,293	9,124
Below Normal Water Years (17%)	6,594	7,652	13,524	10,074	13,136	9,400	6,957	8,211	10,525	12,349	9,384	6,110
Dry Water Years (22%)	5,495	7,031	13,248	7,124	9,430	8,715	5,913	8,251	11,056	11,839	9,026	5,429
Critical Water Years (15%)	5,722	6,094	6,477	6,247	6,671	6,442	5,344	8,394	10,020	10,173	8,205	5,292

Table 5C-2-1b. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 1A 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,436	9,340	23,559	34,312	39,015	32,201	18,320	13,283	12,571	14,420	11,759	11,435
20% Exceedance	8,558	8,473	16,414	21,235	27,664	19,962	13,871	10,440	11,618	14,066	10,839	10,628
30% Exceedance	7,161	8,000	11,570	14,987	21,129	17,920	9,849	9,374	10,934	12,882	10,125	9,440
40% Exceedance	6,667	7,328	9,083	10,728	15,776	12,192	7,392	8,851	10,234	12,238	9,767	8,676
50% Exceedance	6,352	6,854	7,735	8,825	10,559	9,089	6,438	8,444	9,910	11,864	9,447	6,345
60% Exceedance	5,967	6,426	6,727	7,380	8,802	8,006	5,750	7,928	9,583	11,529	9,200	5,874
70% Exceedance	5,676	6,201	6,350	6,670	7,856	7,548	5,471	7,354	9,280	10,915	8,978	5,702
80% Exceedance	5,517	5,789	5,927	5,544	6,615	6,132	5,152	7,076	8,852	10,270	8,683	5,275
90% Exceedance	4,777	5,206	5,215	5,124	5,477	5,408	4,789	6,677	8,585	9,375	8,156	4,984
Full Simulation Period Average[a]	6,825	7,610	11,572	15,029	18,392	15,332	9,969	9,266	10,446	11,952	9,713	7,698
Wet Water Years (32%)	8,395	8,265	12,549	27,414	32,362	25,495	16,369	11,048	10,478	12,131	10,846	10,649
Above Normal Water Years (15%)	6,819	9,454	11,306	15,616	21,336	20,685	10,405	9,208	10,240	13,251	10,049	8,870
Below Normal Water Years (17%)	6,488	7,406	12,794	9,544	12,433	8,900	6,933	8,224	10,510	12,192	9,149	5,999
Dry Water Years (22%)	5,441	6,731	12,803	6,995	8,865	8,144	5,880	8,273	11,018	11,832	8,987	5,401
Critical Water Years (15%)	5,898	5,902	6,446	6,058	6,426	6,243	5,339	8,171	9,648	10,162	8,673	5,558

Table 5C-2-1c. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 1A 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-866	-1,792	-1,763	-2,030	-720	-910	-332	-50	-414	142	5
20% Exceedance	163	-97	-1,427	-1,875	-1,563	-1,772	176	-685	-122	19	-310	16
30% Exceedance	-87	10	-459	-1,318	-1,426	-815	-1	-494	-23	35	-131	-61
40% Exceedance	40	-46	-242	-2,047	-1,008	-873	-264	-21	-1	7	-98	-172
50% Exceedance	76	-119	-19	-263	-893	-874	95	-84	-13	-4	-18	-52
60% Exceedance	-18	-145	-111	-19	-704	-678	-4	-13	-63	-50	-55	25
70% Exceedance	-75	-123	-35	-35	-163	-28	-11	-65	-29	18	-74	41
80% Exceedance	-8	-143	4	-73	-2	2	-31	-3	-214	4	253	33
90% Exceedance	-44	-359	-165	-3	1	-21	-36	23	-65	10	259	-58
Full Simulation Period Average[a]	8	-233	-442	-603	-702	-582	-148	-67	-59	-42	-21	-26
Wet Water Years (32%)	-22	-232	-442	-788	-871	-551	-305	-132	6	5	-16	-9
Above Normal Water Years (15%)	127	-165	-515	-1,409	-997	-1,144	-269	-1	32	-94	-244	-254
Below Normal Water Years (17%)	-106	-246	-729	-530	-703	-500	-24	14	-16	-157	-236	-111
Dry Water Years (22%)	-55	-300	-444	-129	-565	-571	-33	22	-38	-8	-38	-28
Critical Water Years (15%)	177	-192	-31	-189	-245	-199	-5	-223	-371	-11	467	266

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-2-2a. Sacramento River Flow below Red Bluff Diversion Dam , No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,438	10,206	25,351	36,075	41,045	32,920	19,230	13,616	12,621	14,833	11,617	11,430
20% Exceedance	8,395	8,570	17,841	23,110	29,227	21,734	13,695	11,125	11,739	14,047	11,150	10,612
30% Exceedance	7,248	7,990	12,029	16,304	22,555	18,735	9,850	9,867	10,956	12,847	10,256	9,501
40% Exceedance	6,627	7,374	9,325	12,775	16,784	13,066	7,655	8,872	10,235	12,231	9,865	8,848
50% Exceedance	6,276	6,972	7,754	9,088	11,452	9,963	6,344	8,528	9,923	11,868	9,465	6,397
60% Exceedance	5,985	6,570	6,838	7,399	9,506	8,684	5,754	7,941	9,646	11,579	9,255	5,849
70% Exceedance	5,750	6,324	6,385	6,706	8,019	7,576	5,483	7,419	9,309	10,897	9,051	5,661
80% Exceedance	5,525	5,933	5,923	5,617	6,616	6,129	5,183	7,079	9,066	10,266	8,431	5,242
90% Exceedance	4,822	5,565	5,381	5,127	5,477	5,429	4,825	6,655	8,650	9,365	7,897	5,042
Full Simulation Period Average[a]	6,817	7,843	12,014	15,632	19,094	15,913	10,117	9,334	10,505	11,994	9,735	7,724
Wet Water Years (32%)	8,416	8,497	12,992	28,202	33,233	26,045	16,673	11,180	10,472	12,127	10,862	10,658
Above Normal Water Years (15%)	6,693	9,619	11,821	17,025	22,333	21,829	10,673	9,209	10,209	13,345	10,293	9,124
Below Normal Water Years (17%)	6,594	7,652	13,524	10,074	13,136	9,400	6,957	8,211	10,525	12,349	9,384	6,110
Dry Water Years (22%)	5,495	7,031	13,248	7,124	9,430	8,715	5,913	8,251	11,056	11,839	9,026	5,429
Critical Water Years (15%)	5,722	6,094	6,477	6,247	6,671	6,442	5,344	8,394	10,020	10,173	8,205	5,292

Table 5C-2-2b. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 1B 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,527	10,070	23,559	35,137	38,909	32,202	18,322	13,283	12,415	14,687	11,759	11,431
20% Exceedance	8,558	8,459	16,390	21,236	27,642	19,968	14,009	10,418	11,568	14,003	10,983	10,611
30% Exceedance	7,241	7,984	11,386	14,849	21,442	17,894	9,849	9,434	10,767	12,868	10,166	9,389
40% Exceedance	6,754	7,354	9,047	10,727	15,780	12,260	7,392	8,813	10,212	12,235	9,830	8,467
50% Exceedance	6,385	6,880	7,717	8,813	10,533	9,078	6,362	8,456	9,897	11,797	9,457	6,532
60% Exceedance	6,074	6,482	6,758	7,381	8,945	8,115	5,765	7,808	9,606	11,548	9,277	5,939
70% Exceedance	5,703	6,266	6,359	6,670	7,855	7,615	5,472	7,305	9,285	10,849	8,935	5,691
80% Exceedance	5,514	5,813	5,928	5,544	6,619	6,143	5,149	7,065	8,838	10,266	8,635	5,534
90% Exceedance	4,821	5,209	5,266	5,122	5,477	5,409	4,815	6,625	8,565	9,345	8,201	4,966
Full Simulation Period Average[a]	6,864	7,682	11,622	15,018	18,453	15,329	9,964	9,227	10,382	11,962	9,727	7,718
Wet Water Years (32%)	8,411	8,276	12,664	27,356	32,440	25,440	16,343	11,071	10,460	12,113	10,792	10,561
Above Normal Water Years (15%)	6,942	9,596	11,355	15,619	21,489	20,742	10,485	9,197	9,939	13,337	10,174	9,088
Below Normal Water Years (17%)	6,546	7,537	12,797	9,571	12,436	8,899	6,953	8,076	10,467	12,307	9,282	6,086
Dry Water Years (22%)	5,460	6,842	12,824	7,002	8,915	8,055	5,852	8,187	11,054	11,808	8,976	5,412
Critical Water Years (15%)	5,906	5,910	6,459	6,062	6,438	6,421	5,300	8,165	9,547	10,086	8,616	5,555

Table 5C-2-2c. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 1B 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	89	-136	-1,792	-938	-2,135	-718	-908	-332	-206	-147	142	1
20% Exceedance	163	-111	-1,450	-1,875	-1,585	-1,766	313	-707	-172	-44	-166	-2
30% Exceedance	-6	-6	-643	-1,455	-1,113	-840	-1	-433	-190	21	-90	-112
40% Exceedance	127	-20	-278	-2,049	-1,003	-806	-263	-59	-23	4	-35	-381
50% Exceedance	110	-92	-37	-275	-920	-885	18	-71	-25	-71	-8	135
60% Exceedance	88	-89	-80	-18	-562	-569	10	-133	-40	-31	22	91
70% Exceedance	-48	-59	-26	-35	-164	39	-11	-114	-25	-48	-116	30
80% Exceedance	-11	-120	5	-74	2	14	-33	-14	-228	0	205	292
90% Exceedance	-1	-355	-115	-5	1	-20	-10	-30	-85	-20	304	-76
Full Simulation Period Average[a]	46	-162	-392	-614	-642	-584	-153	-107	-123	-32	-8	-5
Wet Water Years (32%)	-5	-221	-328	-846	-794	-605	-331	-109	-12	-14	-70	-96
Above Normal Water Years (15%)	249	-22	-465	-1,405	-844	-1,088	-188	-12	-270	-8	-119	-37
Below Normal Water Years (17%)	-47	-115	-727	-503	-700	-501	-5	-135	-59	-42	-102	-23
Dry Water Years (22%)	-35	-189	-424	-122	-515	-660	-61	-64	-2	-31	-49	-17
Critical Water Years (15%)	185	-184	-18	-185	-233	-21	-44	-228	-473	-87	411	263

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-2-3a. Sacramento River Flow below Red Bluff Diversion Dam , No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,438	10,206	25,351	36,075	41,045	32,920	19,230	13,616	12,621	14,833	11,617	11,430
20% Exceedance	8,395	8,570	17,841	23,110	29,227	21,734	13,695	11,125	11,739	14,047	11,150	10,612
30% Exceedance	7,248	7,990	12,029	16,304	22,555	18,735	9,850	9,867	10,956	12,847	10,256	9,501
40% Exceedance	6,627	7,374	9,325	12,775	16,784	13,066	7,655	8,872	10,235	12,231	9,865	8,848
50% Exceedance	6,276	6,972	7,754	9,088	11,452	9,963	6,344	8,528	9,923	11,868	9,465	6,397
60% Exceedance	5,985	6,570	6,838	7,399	9,506	8,684	5,754	7,941	9,646	11,579	9,255	5,849
70% Exceedance	5,750	6,324	6,385	6,706	8,019	7,576	5,483	7,419	9,309	10,897	9,051	5,661
80% Exceedance	5,525	5,933	5,923	5,617	6,616	6,129	5,183	7,079	9,066	10,266	8,431	5,242
90% Exceedance	4,822	5,565	5,381	5,127	5,477	5,429	4,825	6,655	8,650	9,365	7,897	5,042
Full Simulation Period Average[a]	6,817	7,843	12,014	15,632	19,094	15,913	10,117	9,334	10,505	11,994	9,735	7,724
Wet Water Years (32%)	8,416	8,497	12,992	28,202	33,233	26,045	16,673	11,180	10,472	12,127	10,862	10,658
Above Normal Water Years (15%)	6,693	9,619	11,821	17,025	22,333	21,829	10,673	9,209	10,209	13,345	10,293	9,124
Below Normal Water Years (17%)	6,594	7,652	13,524	10,074	13,136	9,400	6,957	8,211	10,525	12,349	9,384	6,110
Dry Water Years (22%)	5,495	7,031	13,248	7,124	9,430	8,715	5,913	8,251	11,056	11,839	9,026	5,429
Critical Water Years (15%)	5,722	6,094	6,477	6,247	6,671	6,442	5,344	8,394	10,020	10,173	8,205	5,292

Table 5C-2-3b. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 2 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,436	9,341	23,585	34,340	39,162	32,252	18,320	13,283	12,571	14,420	11,759	11,435
20% Exceedance	8,558	8,473	16,438	21,261	27,689	19,962	13,871	10,435	11,618	13,995	10,839	10,628
30% Exceedance	7,153	7,986	11,570	14,978	21,039	17,920	9,849	9,274	10,932	12,883	10,049	9,440
40% Exceedance	6,671	7,328	9,084	10,730	15,776	12,193	7,437	8,795	10,235	12,238	9,768	8,677
50% Exceedance	6,352	6,854	7,735	8,825	10,543	9,089	6,438	8,444	9,910	11,851	9,446	6,345
60% Exceedance	5,940	6,447	6,727	7,380	8,802	8,006	5,750	7,929	9,589	11,534	9,201	5,875
70% Exceedance	5,672	6,242	6,350	6,671	7,856	7,548	5,469	7,354	9,280	10,915	8,978	5,704
80% Exceedance	5,517	5,722	5,928	5,544	6,615	6,132	5,152	7,078	8,852	10,292	8,682	5,275
90% Exceedance	4,822	5,129	5,220	5,124	5,477	5,408	4,789	6,680	8,585	9,399	8,186	4,989
Full Simulation Period Average[a]	6,827	7,605	11,577	15,029	18,430	15,378	9,976	9,257	10,440	11,947	9,712	7,692
Wet Water Years (32%)	8,395	8,268	12,556	27,433	32,476	25,611	16,373	11,048	10,478	12,131	10,846	10,650
Above Normal Water Years (15%)	6,822	9,451	11,326	15,614	21,277	20,740	10,461	9,208	10,202	13,227	10,027	8,834
Below Normal Water Years (17%)	6,484	7,407	12,793	9,504	12,492	8,906	6,934	8,225	10,511	12,209	9,171	5,999
Dry Water Years (22%)	5,441	6,719	12,803	6,995	8,865	8,145	5,880	8,273	11,019	11,832	8,989	5,401
Critical Water Years (15%)	5,914	5,879	6,448	6,065	6,424	6,242	5,324	8,103	9,645	10,136	8,655	5,552

Table 5C-2-3c. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 2 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-865	-1,766	-1,735	-1,883	-668	-910	-332	-50	-414	142	5
20% Exceedance	163	-97	-1,403	-1,850	-1,538	-1,772	175	-690	-122	-52	-310	16
30% Exceedance	-95	-4	-459	-1,326	-1,516	-815	-1	-594	-24	36	-207	-61
40% Exceedance	44	-46	-241	-2,046	-1,008	-872	-218	-77	0	7	-97	-171
50% Exceedance	76	-118	-19	-263	-910	-875	95	-83	-13	-16	-19	-52
60% Exceedance	-45	-123	-111	-19	-704	-678	-4	-12	-56	-45	-54	26
70% Exceedance	-78	-82	-34	-35	-163	-28	-14	-65	-29	18	-73	44
80% Exceedance	-8	-211	5	-73	-2	2	-31	-2	-213	26	252	33
90% Exceedance	0	-435	-160	-3	0	-21	-36	25	-65	33	288	-53
Full Simulation Period Average[a]	10	-239	-437	-602	-664	-536	-140	-77	-65	-47	-23	-32
Wet Water Years (32%)	-21	-229	-436	-769	-757	-434	-300	-132	6	5	-16	-8
Above Normal Water Years (15%)	130	-167	-494	-1,411	-1,055	-1,089	-212	-1	-7	-118	-267	-290
Below Normal Water Years (17%)	-109	-245	-731	-570	-644	-495	-24	14	-14	-139	-213	-111
Dry Water Years (22%)	-54	-312	-445	-129	-565	-570	-33	23	-38	-8	-37	-28
Critical Water Years (15%)	192	-215	-29	-182	-246	-200	-20	-291	-375	-37	450	261

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-2-4a. Sacramento River Flow below Red Bluff Diversion Dam , No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,438	10,206	25,351	36,075	41,045	32,920	19,230	13,616	12,621	14,833	11,617	11,430
20% Exceedance	8,395	8,570	17,841	23,110	29,227	21,734	13,695	11,125	11,739	14,047	11,150	10,612
30% Exceedance	7,248	7,990	12,029	16,304	22,555	18,735	9,850	9,867	10,956	12,847	10,256	9,501
40% Exceedance	6,627	7,374	9,325	12,775	16,784	13,066	7,655	8,872	10,235	12,231	9,865	8,848
50% Exceedance	6,276	6,972	7,754	9,088	11,452	9,963	6,344	8,528	9,923	11,868	9,465	6,397
60% Exceedance	5,985	6,570	6,838	7,399	9,506	8,684	5,754	7,941	9,646	11,579	9,255	5,849
70% Exceedance	5,750	6,324	6,385	6,706	8,019	7,576	5,483	7,419	9,309	10,897	9,051	5,661
80% Exceedance	5,525	5,933	5,923	5,617	6,616	6,129	5,183	7,079	9,066	10,266	8,431	5,242
90% Exceedance	4,822	5,565	5,381	5,127	5,477	5,429	4,825	6,655	8,650	9,365	7,897	5,042
Full Simulation Period Average[a]	6,817	7,843	12,014	15,632	19,094	15,913	10,117	9,334	10,505	11,994	9,735	7,724
Wet Water Years (32%)	8,416	8,497	12,992	28,202	33,233	26,045	16,673	11,180	10,472	12,127	10,862	10,658
Above Normal Water Years (15%)	6,693	9,619	11,821	17,025	22,333	21,829	10,673	9,209	10,209	13,345	10,293	9,124
Below Normal Water Years (17%)	6,594	7,652	13,524	10,074	13,136	9,400	6,957	8,211	10,525	12,349	9,384	6,110
Dry Water Years (22%)	5,495	7,031	13,248	7,124	9,430	8,715	5,913	8,251	11,056	11,839	9,026	5,429
Critical Water Years (15%)	5,722	6,094	6,477	6,247	6,671	6,442	5,344	8,394	10,020	10,173	8,205	5,292

Table 5C-2-4b. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 3 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,533	10,087	23,631	35,295	38,754	31,957	18,298	13,284	12,226	14,316	11,533	11,386
20% Exceedance	8,575	8,592	16,750	22,084	28,862	19,895	13,468	10,418	11,296	13,901	10,669	10,498
30% Exceedance	8,161	8,095	11,983	14,835	22,362	16,907	9,848	9,195	10,293	12,873	10,070	9,408
40% Exceedance	6,910	7,541	9,299	10,738	16,159	12,290	7,396	8,695	10,070	12,112	9,636	8,873
50% Exceedance	6,658	7,145	7,755	8,965	10,533	9,209	6,464	8,382	9,763	11,832	9,390	6,423
60% Exceedance	6,300	6,662	6,714	7,382	8,655	8,115	5,640	7,808	9,328	11,296	9,201	5,830
70% Exceedance	5,823	6,271	6,253	6,679	7,859	7,548	5,384	7,353	9,117	10,709	8,873	5,659
80% Exceedance	5,564	5,988	5,923	5,599	6,617	6,143	5,026	7,009	8,707	10,190	8,490	5,457
90% Exceedance	5,063	5,316	5,437	5,135	5,460	5,409	4,741	6,439	8,306	9,348	8,175	4,992
Full Simulation Period Average[a]	7,056	7,842	11,838	15,055	18,488	15,294	9,917	9,158	10,168	11,823	9,622	7,720
Wet Water Years (32%)	8,399	8,312	12,767	27,406	32,233	25,318	16,252	11,080	10,456	12,122	10,795	10,579
Above Normal Water Years (15%)	7,351	9,725	11,478	15,798	21,912	20,696	10,452	9,286	9,738	12,936	9,790	9,279
Below Normal Water Years (17%)	7,088	7,977	13,099	9,501	12,645	8,759	6,876	8,031	9,920	12,084	9,105	6,002
Dry Water Years (22%)	5,643	7,081	13,326	7,017	8,928	8,195	5,835	7,972	10,704	11,704	8,901	5,375
Critical Water Years (15%)	5,931	5,919	6,483	6,086	6,439	6,448	5,326	7,957	9,459	9,938	8,596	5,486

Table 5C-2-4c. Sacramento River Flow below Red Bluff Diversion Dam , Alternative 3 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	94	-119	-1,719	-780	-2,291	-963	-932	-332	-395	-517	-84	-44
20% Exceedance	181	22	-1,091	-1,027	-365	-1,839	-227	-707	-443	-146	-481	-114
30% Exceedance	914	105	-46	-1,469	-193	-1,827	-3	-673	-663	26	-186	-93
40% Exceedance	283	167	-26	-2,038	-624	-775	-259	-177	-165	-119	-229	25
50% Exceedance	382	173	1	-124	-920	-755	121	-146	-160	-35	-75	25
60% Exceedance	315	92	-125	-17	-851	-569	-115	-133	-318	-283	-54	-19
70% Exceedance	72	-54	-132	-27	-160	-28	-98	-66	-192	-188	-178	-2
80% Exceedance	39	55	0	-18	1	14	-157	-70	-359	-76	59	215
90% Exceedance	241	-249	56	7	-16	-20	-84	-216	-344	-17	278	-50
Full Simulation Period Average[a]	238	-2	-176	-577	-606	-619	-200	-176	-337	-171	-113	-4
Wet Water Years (32%)	-17	-185	-224	-796	-1,000	-727	-422	-100	-16	-4	-67	-78
Above Normal Water Years (15%)	659	107	-343	-1,227	-421	-1,133	-222	77	-470	-410	-503	155
Below Normal Water Years (17%)	494	325	-424	-573	-491	-641	-81	-179	-606	-265	-279	-108
Dry Water Years (22%)	147	50	78	-107	-501	-520	-78	-278	-353	-136	-125	-54
Critical Water Years (15%)	210	-174	7	-161	-232	6	-18	-437	-561	-235	391	195

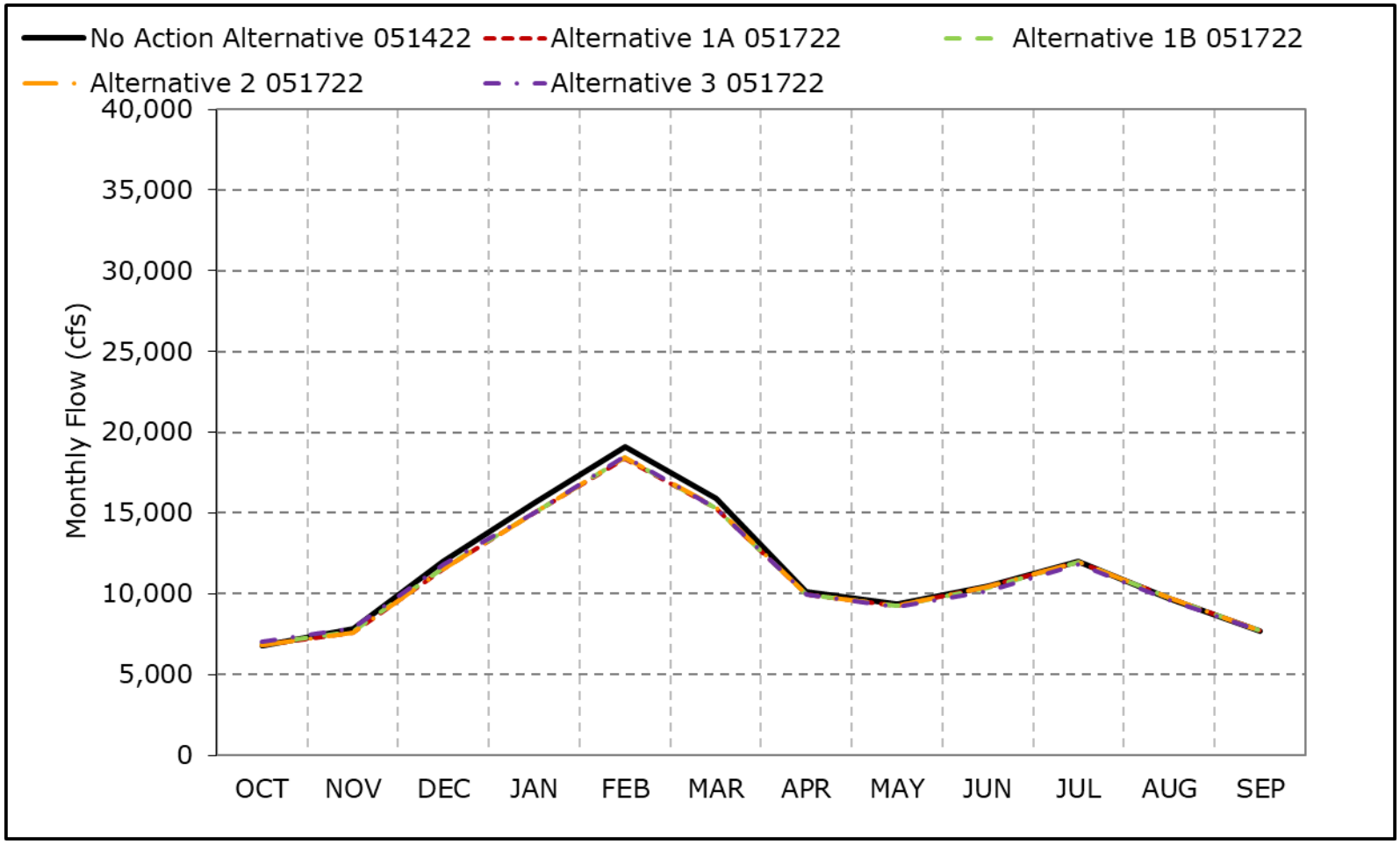
[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

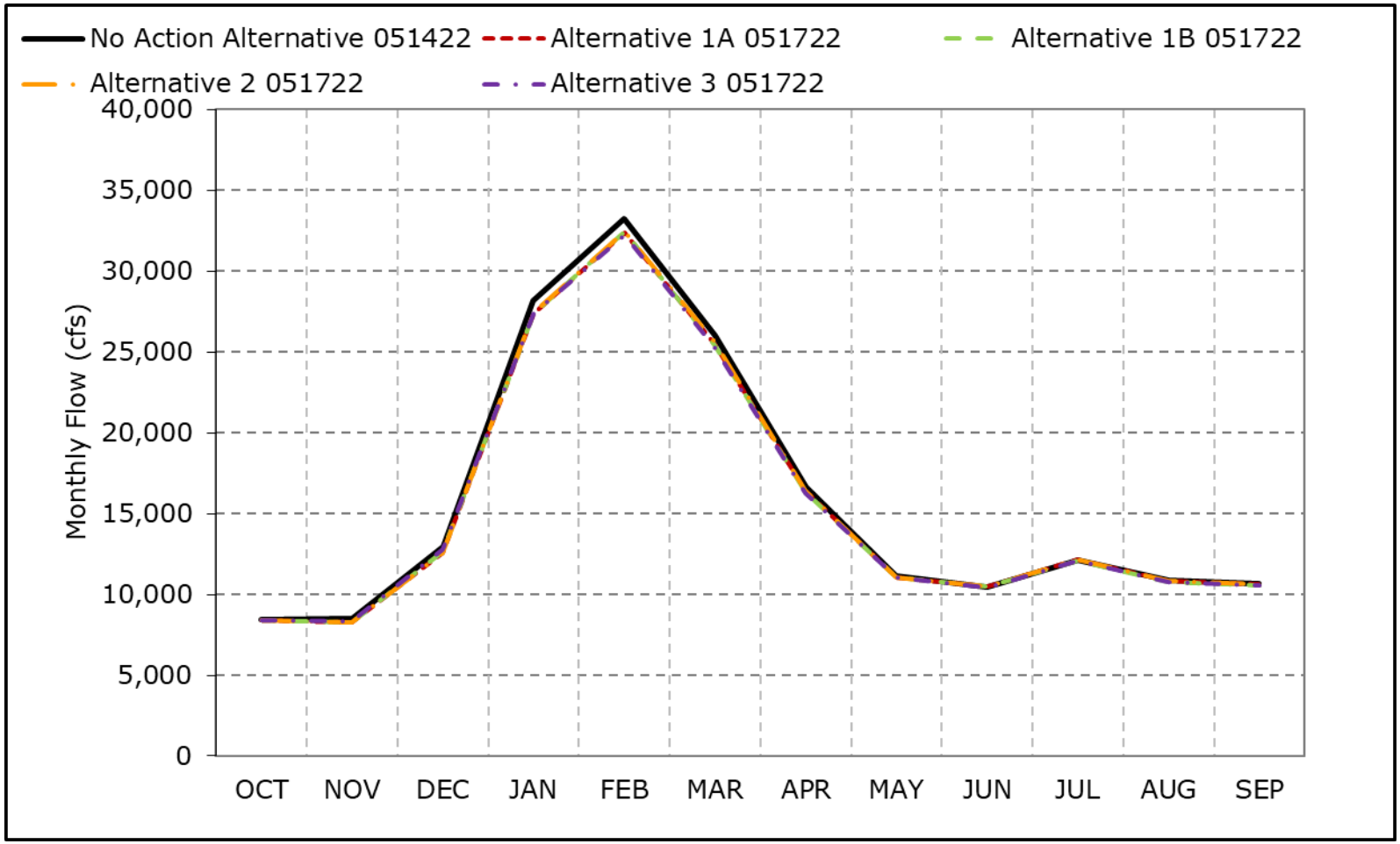
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-1. Sacramento River Flow below Red Bluff Diversion Dam , Long-Term Average Flow



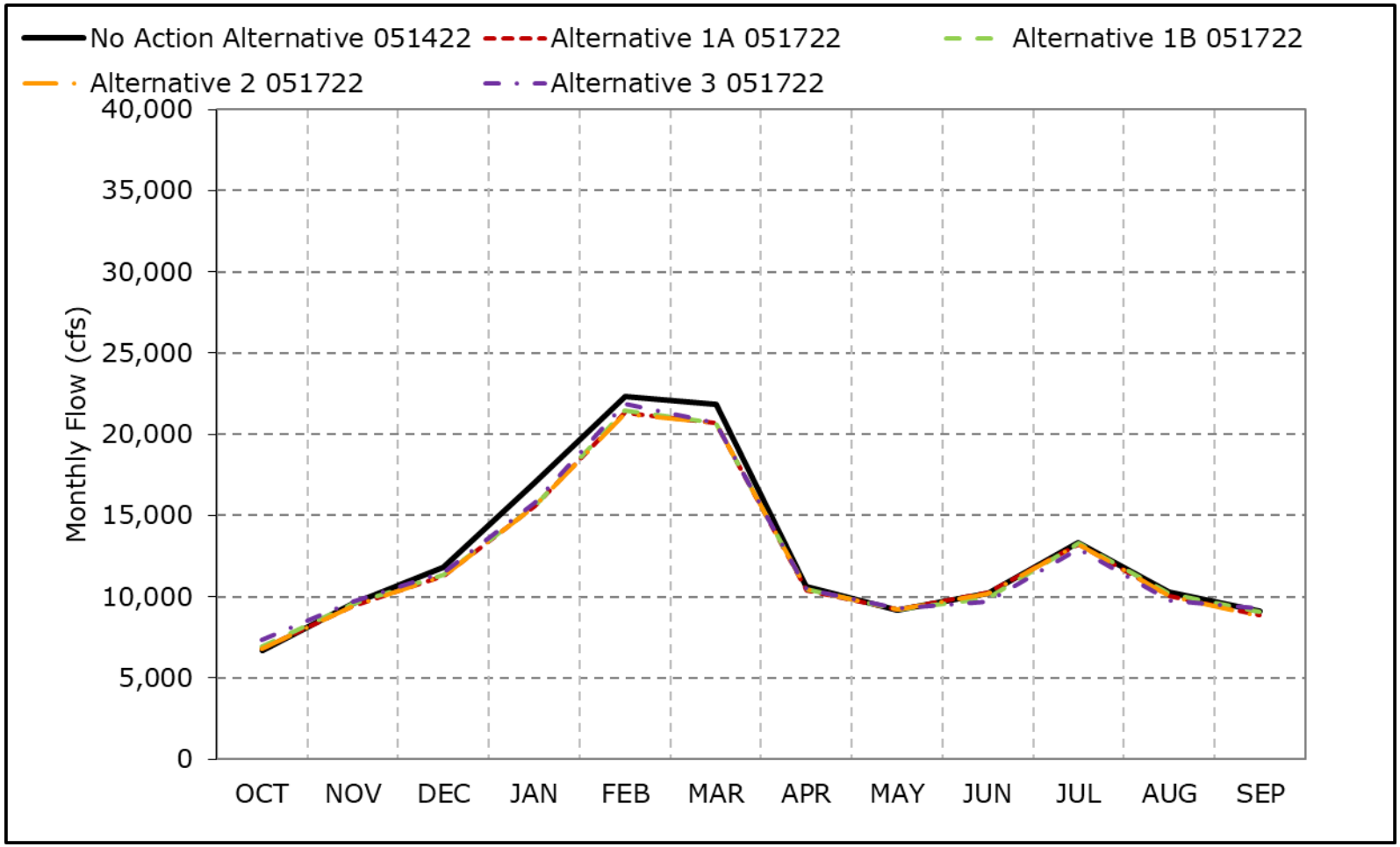
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-2. Sacramento River Flow below Red Bluff Diversion Dam , Wet Year Average Flow



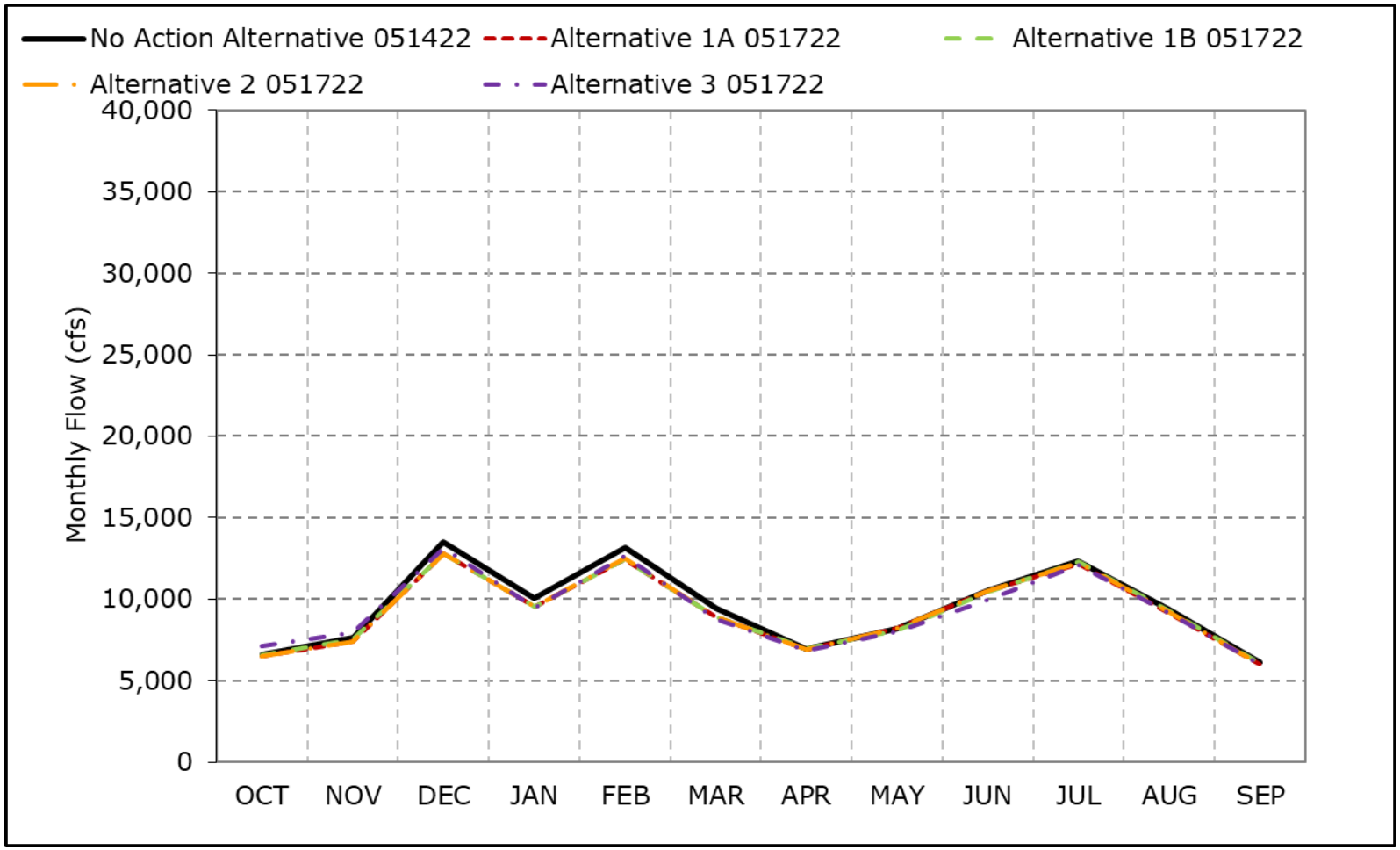
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-3. Sacramento River Flow below Red Bluff Diversion Dam , Above Normal Year Average Flow



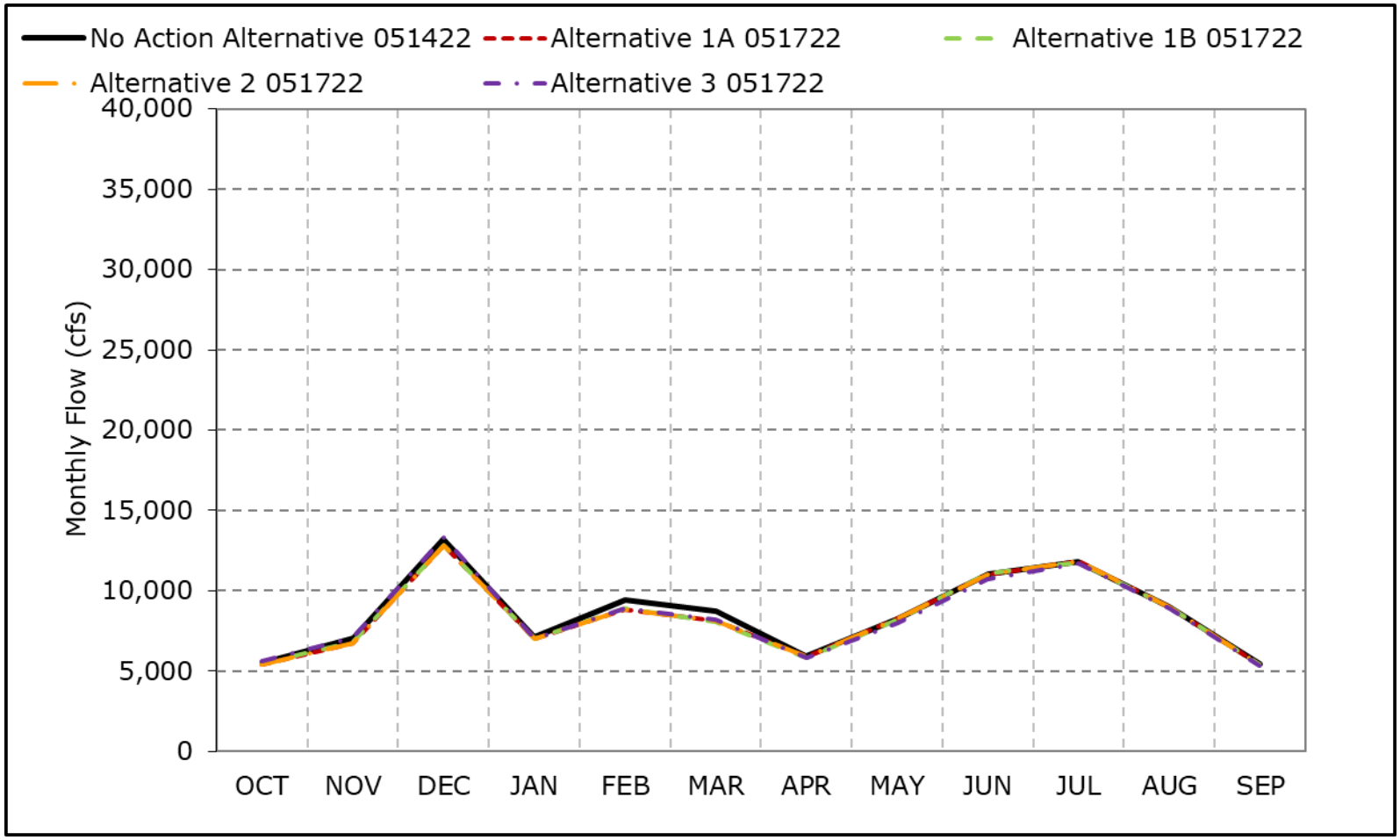
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-4. Sacramento River Flow below Red Bluff Diversion Dam , Below Normal Year Average Flow



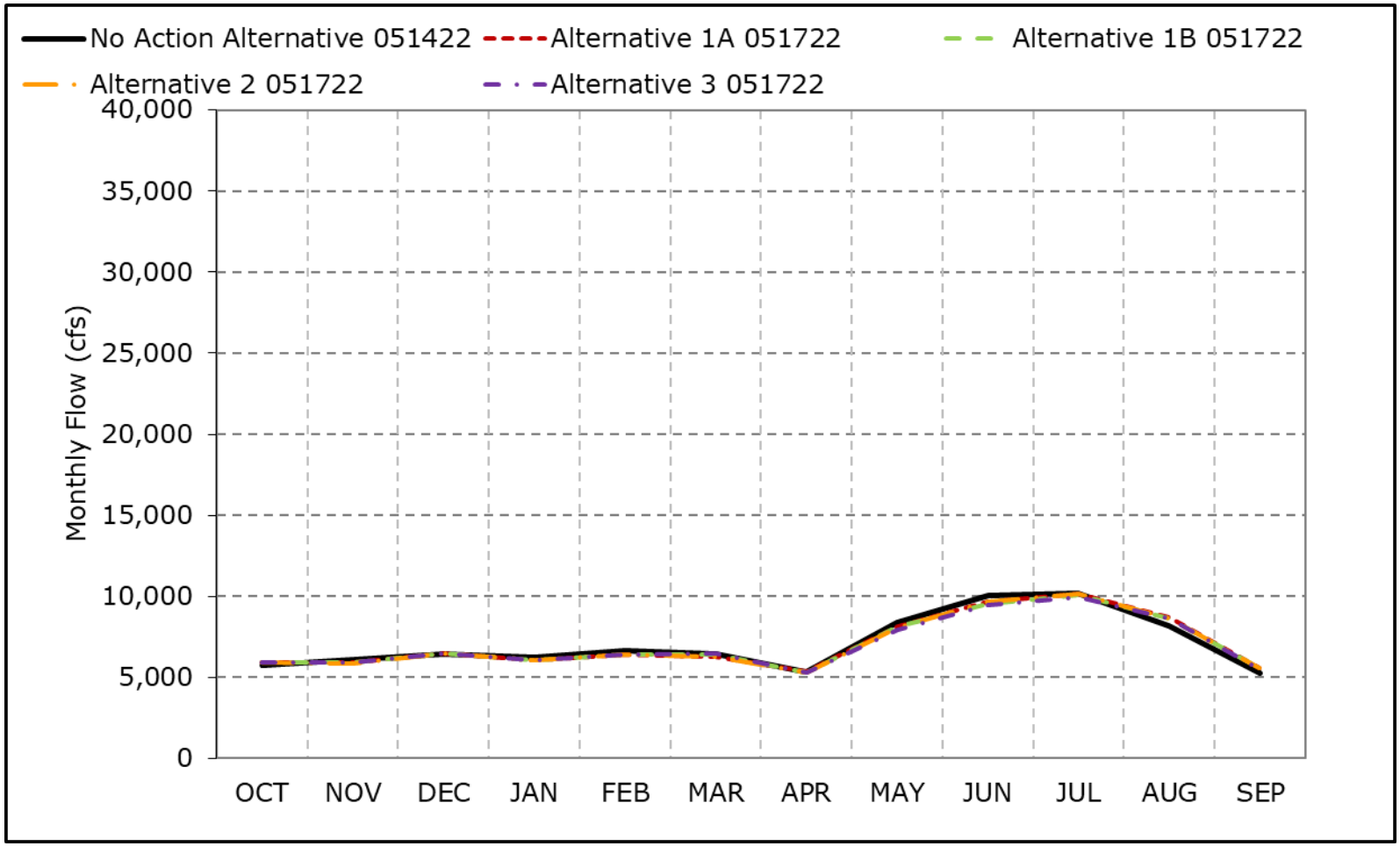
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-5. Sacramento River Flow below Red Bluff Diversion Dam , Dry Year Average Flow



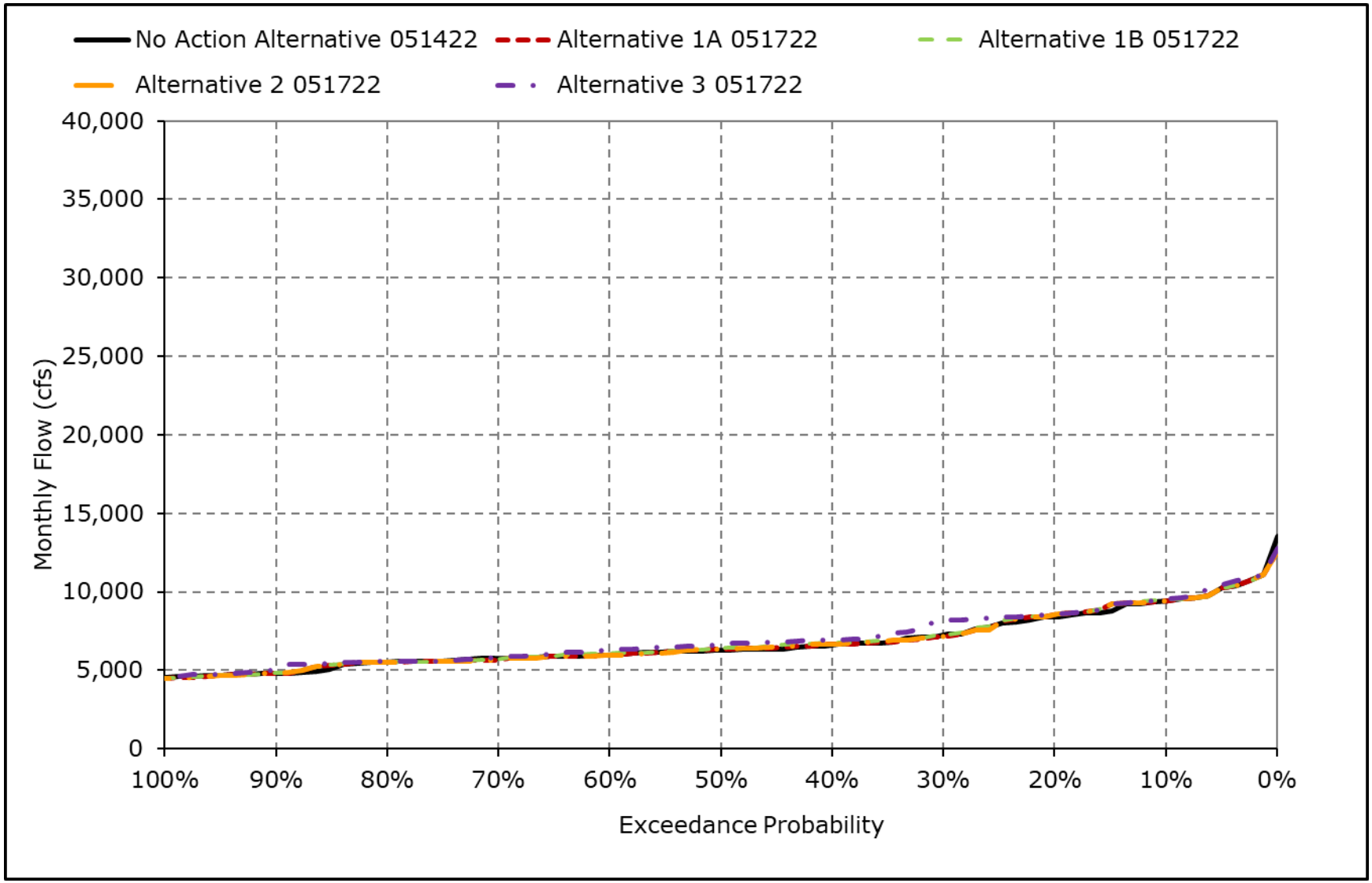
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-6. Sacramento River Flow below Red Bluff Diversion Dam , Critical Year Average Flow



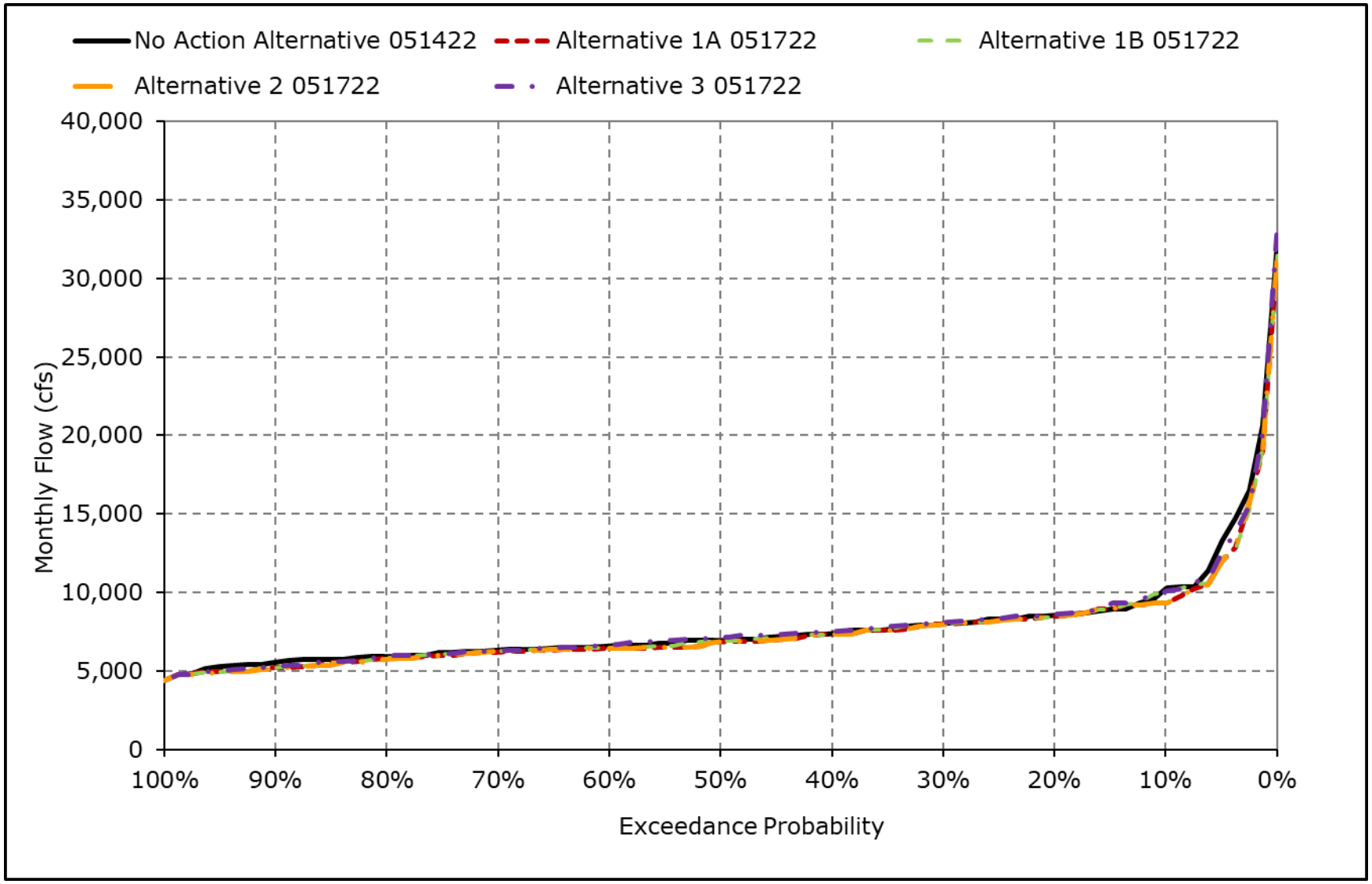
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-7. Sacramento River Flow below Red Bluff Diversion Dam , October



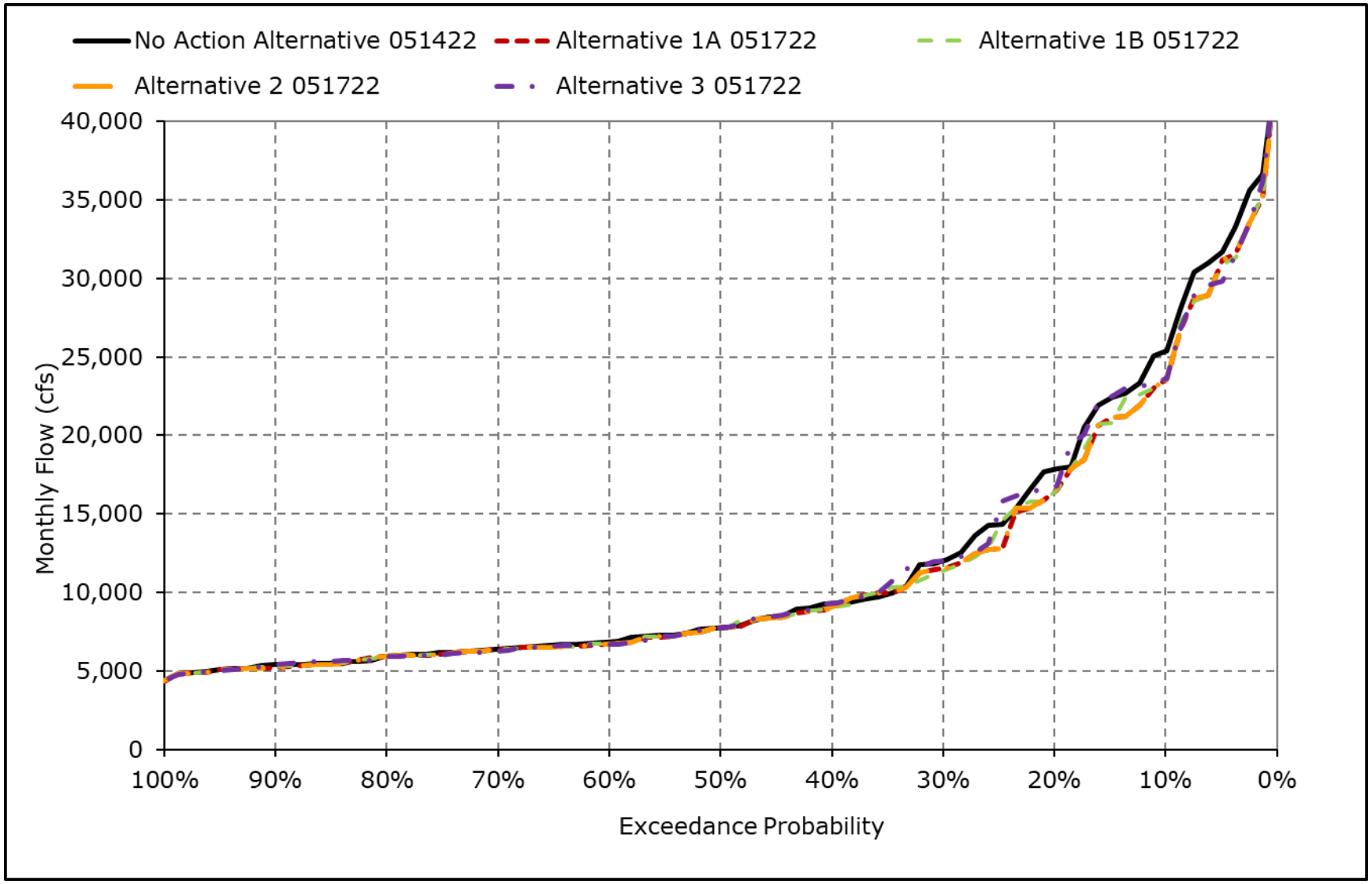
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-8. Sacramento River Flow below Red Bluff Diversion Dam , November



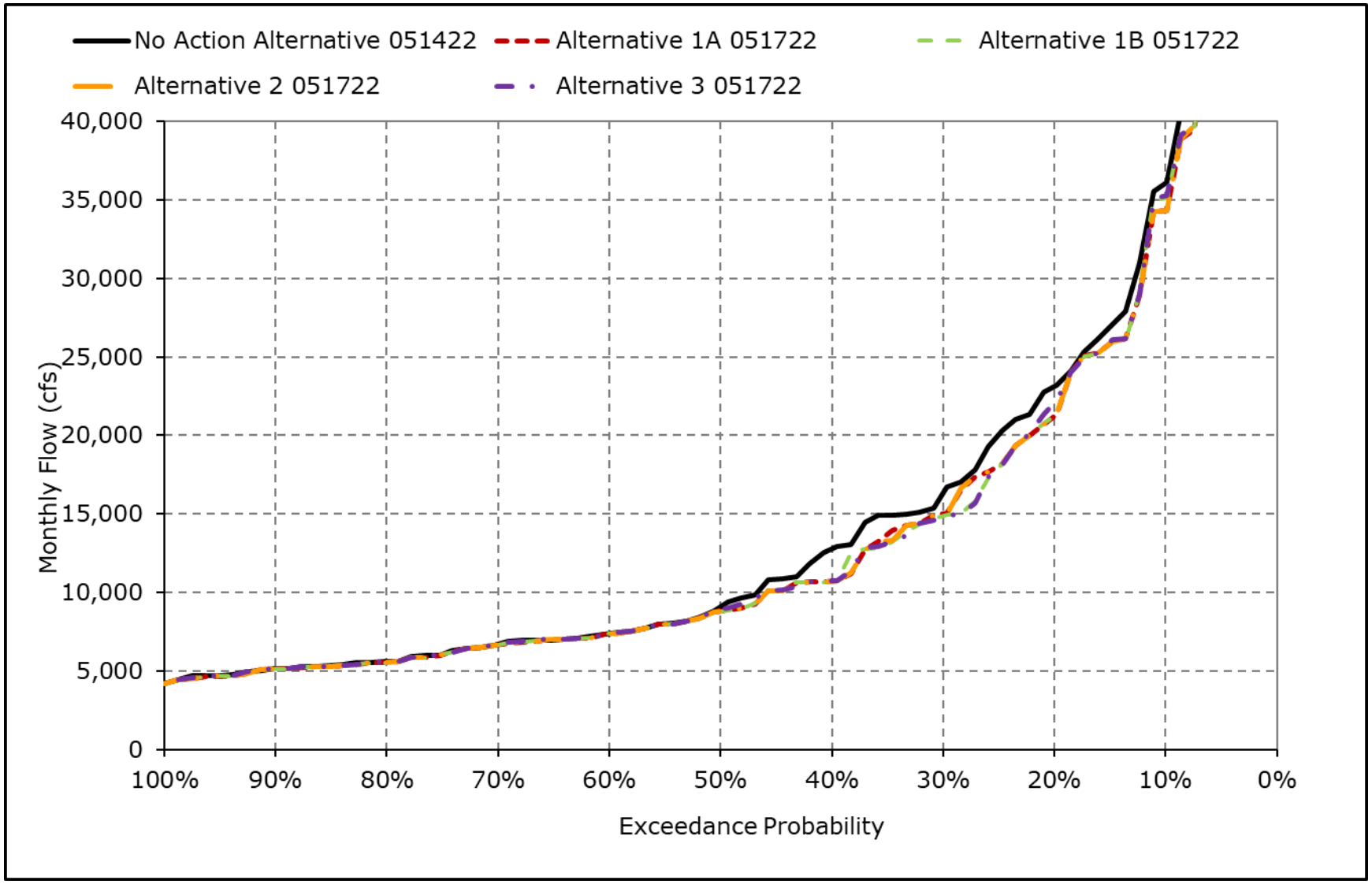
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-9. Sacramento River Flow below Red Bluff Diversion Dam , December



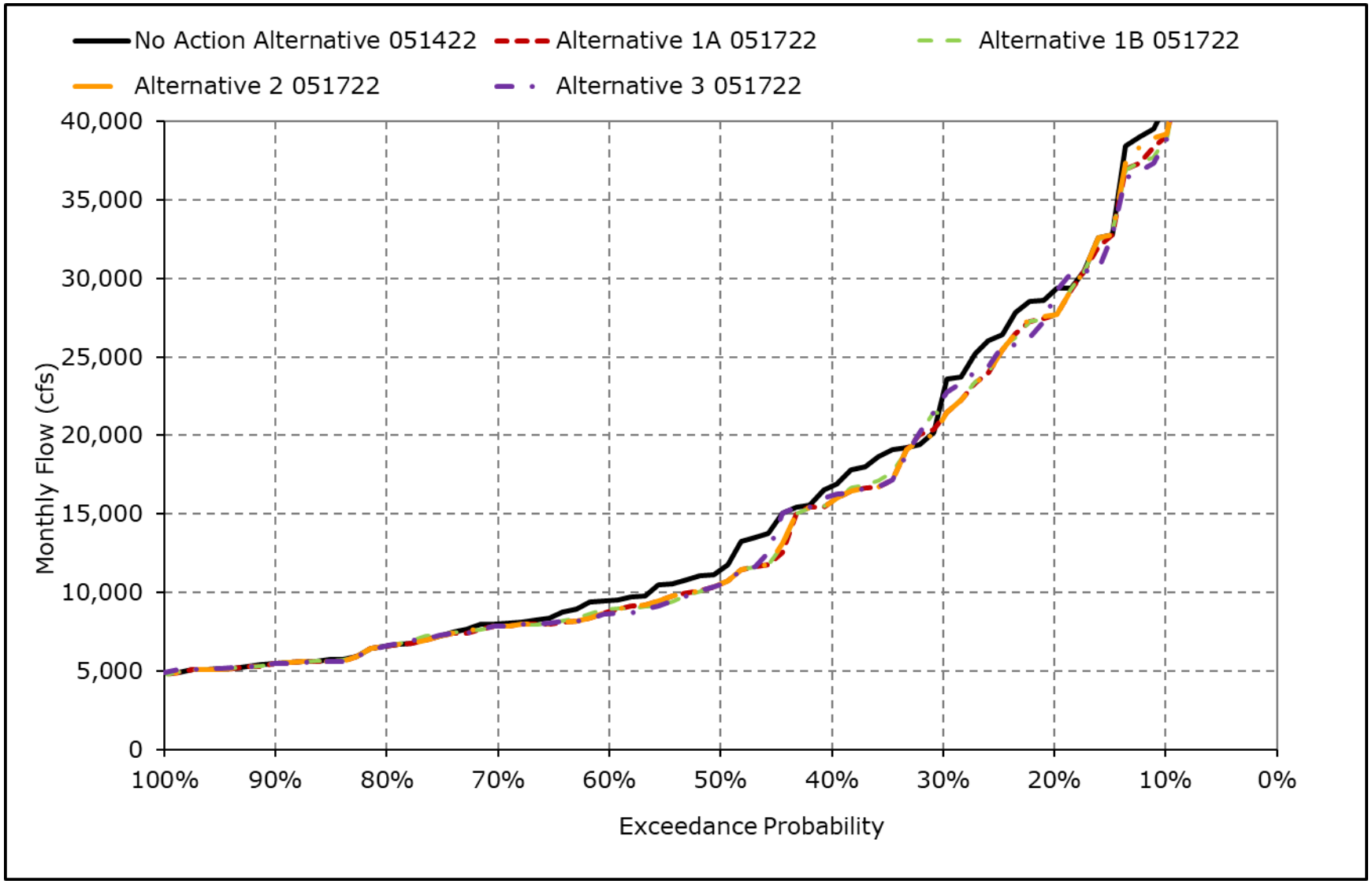
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-10. Sacramento River Flow below Red Bluff Diversion Dam , January



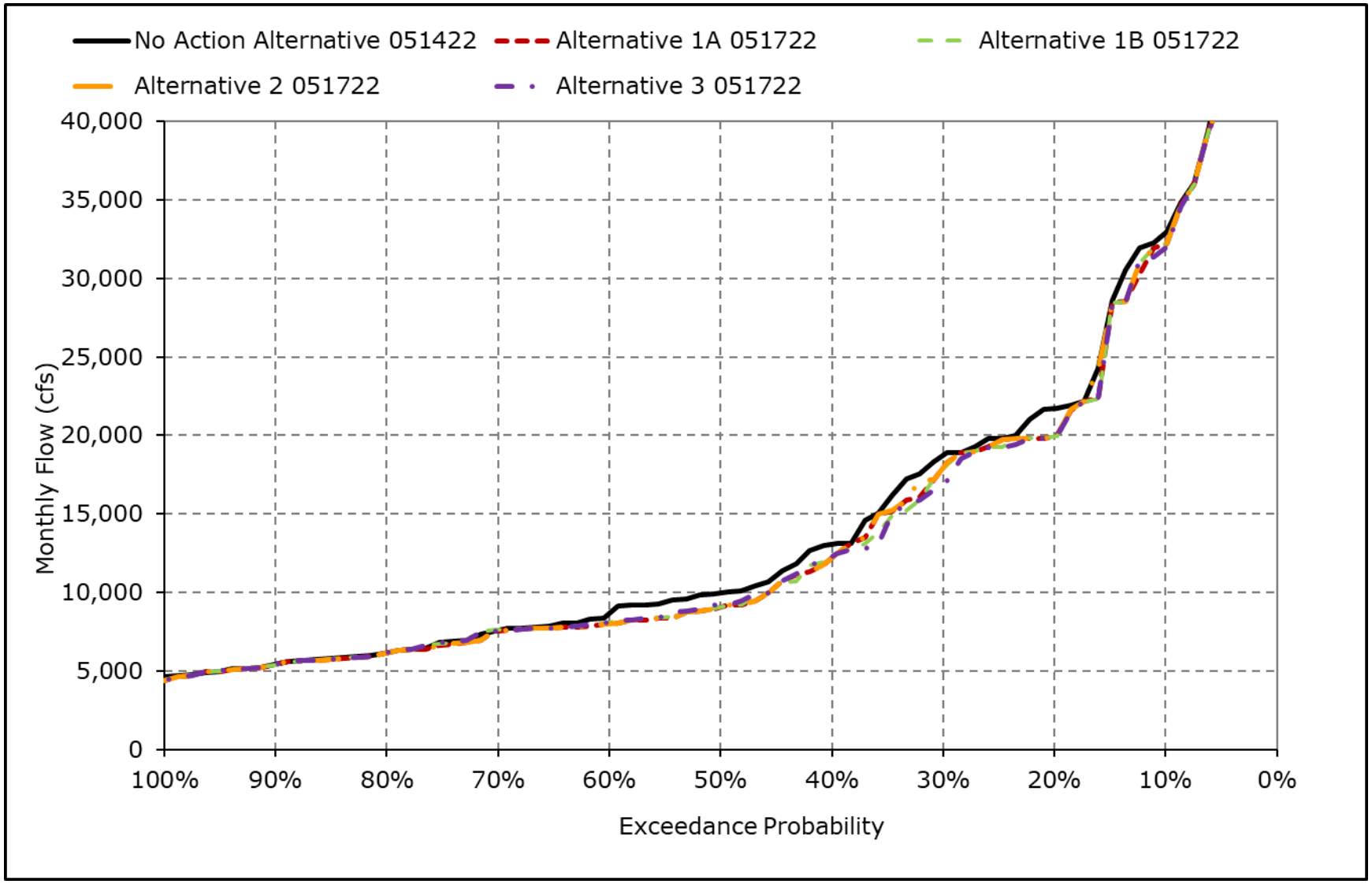
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-11. Sacramento River Flow below Red Bluff Diversion Dam , February



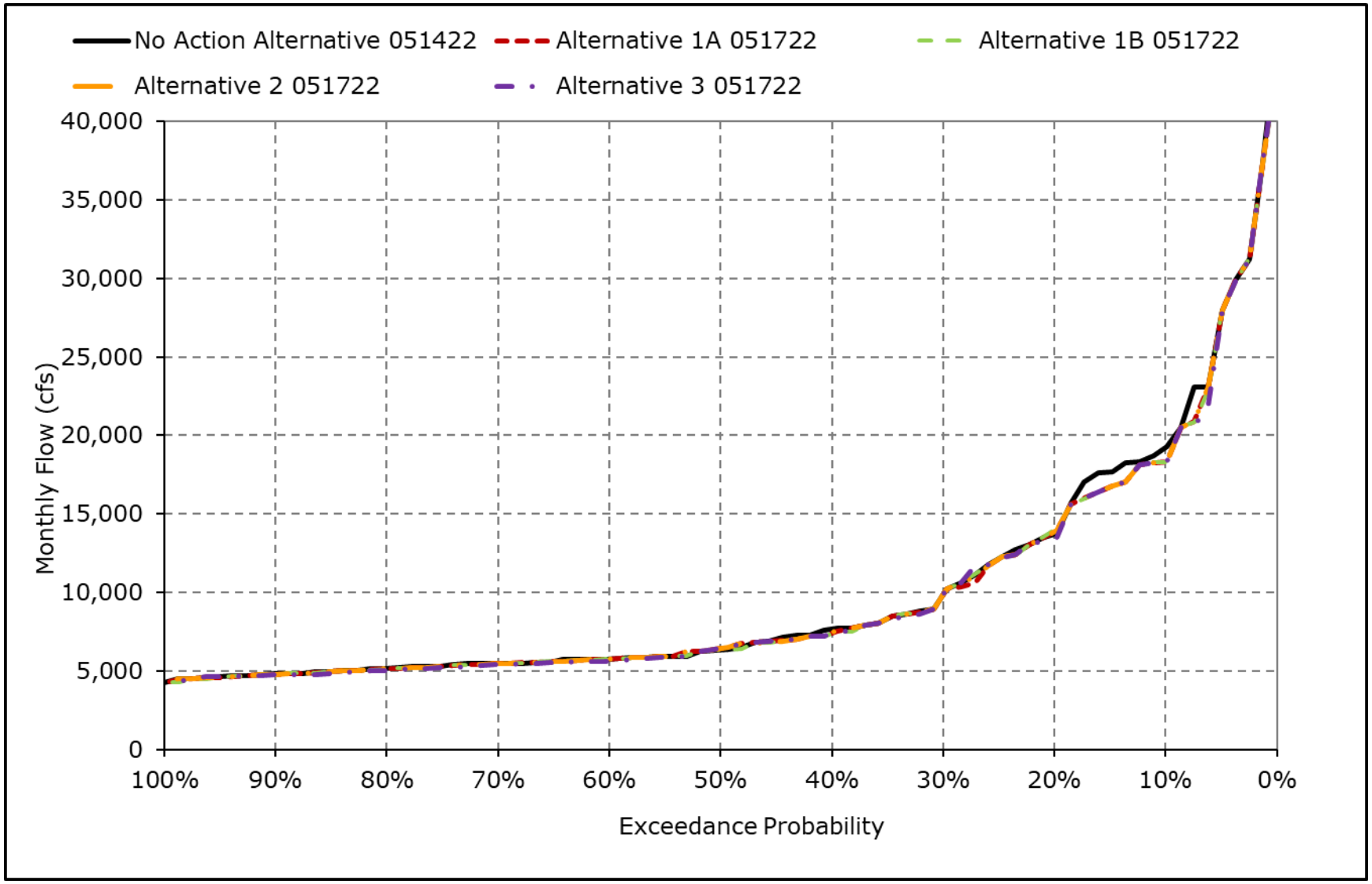
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-12. Sacramento River Flow below Red Bluff Diversion Dam , March



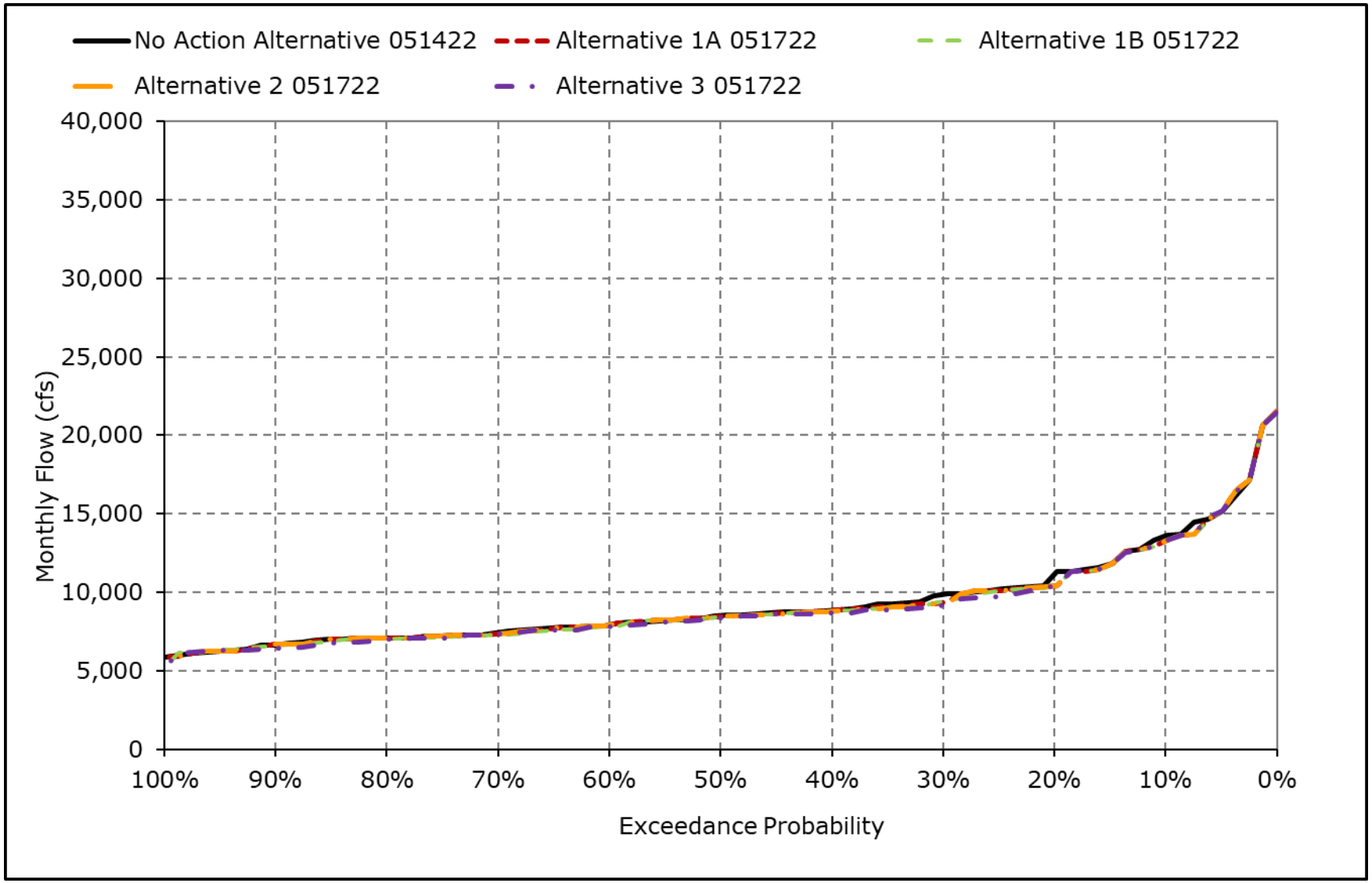
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-13. Sacramento River Flow below Red Bluff Diversion Dam , April



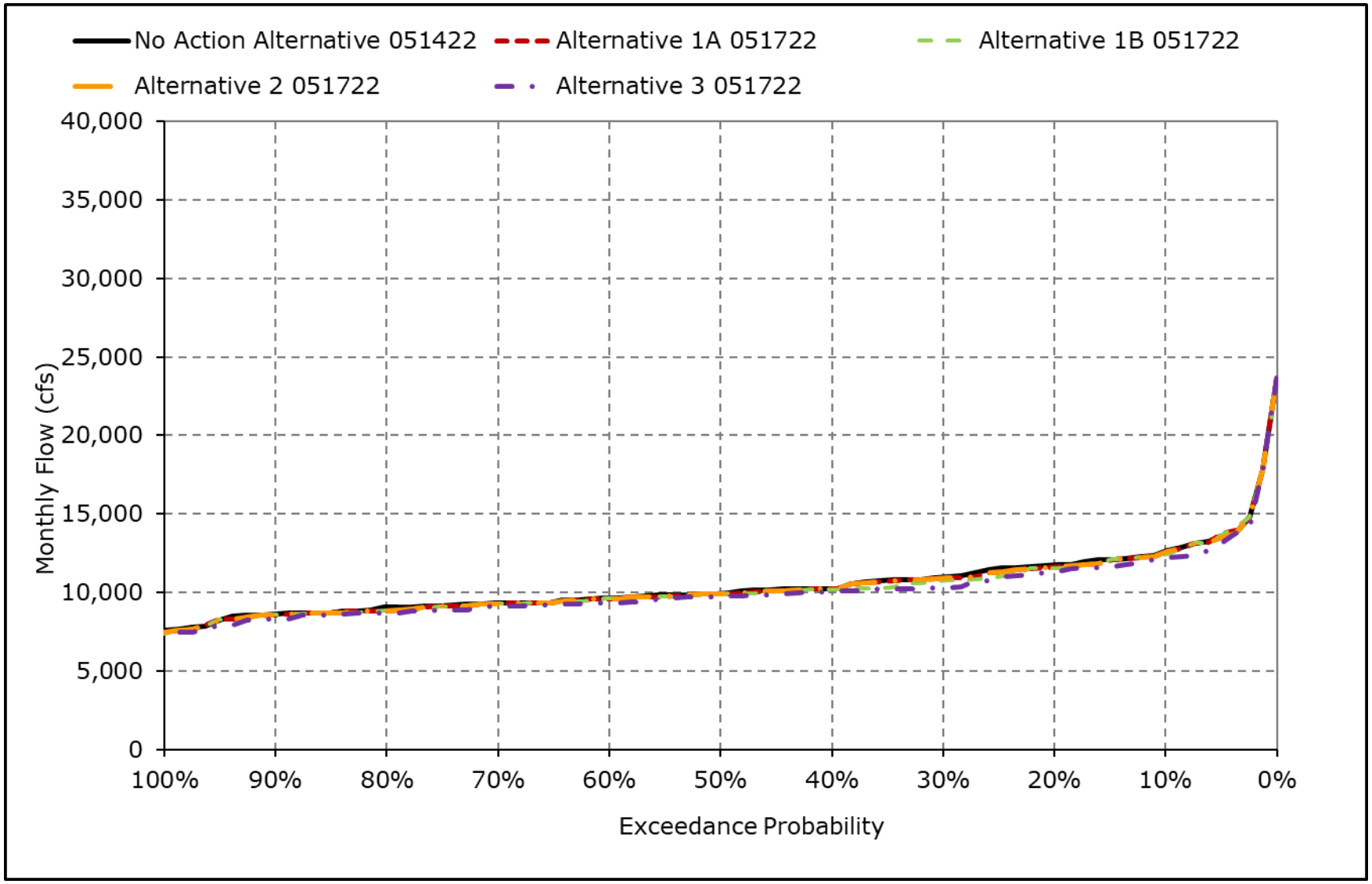
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-14. Sacramento River Flow below Red Bluff Diversion Dam , May



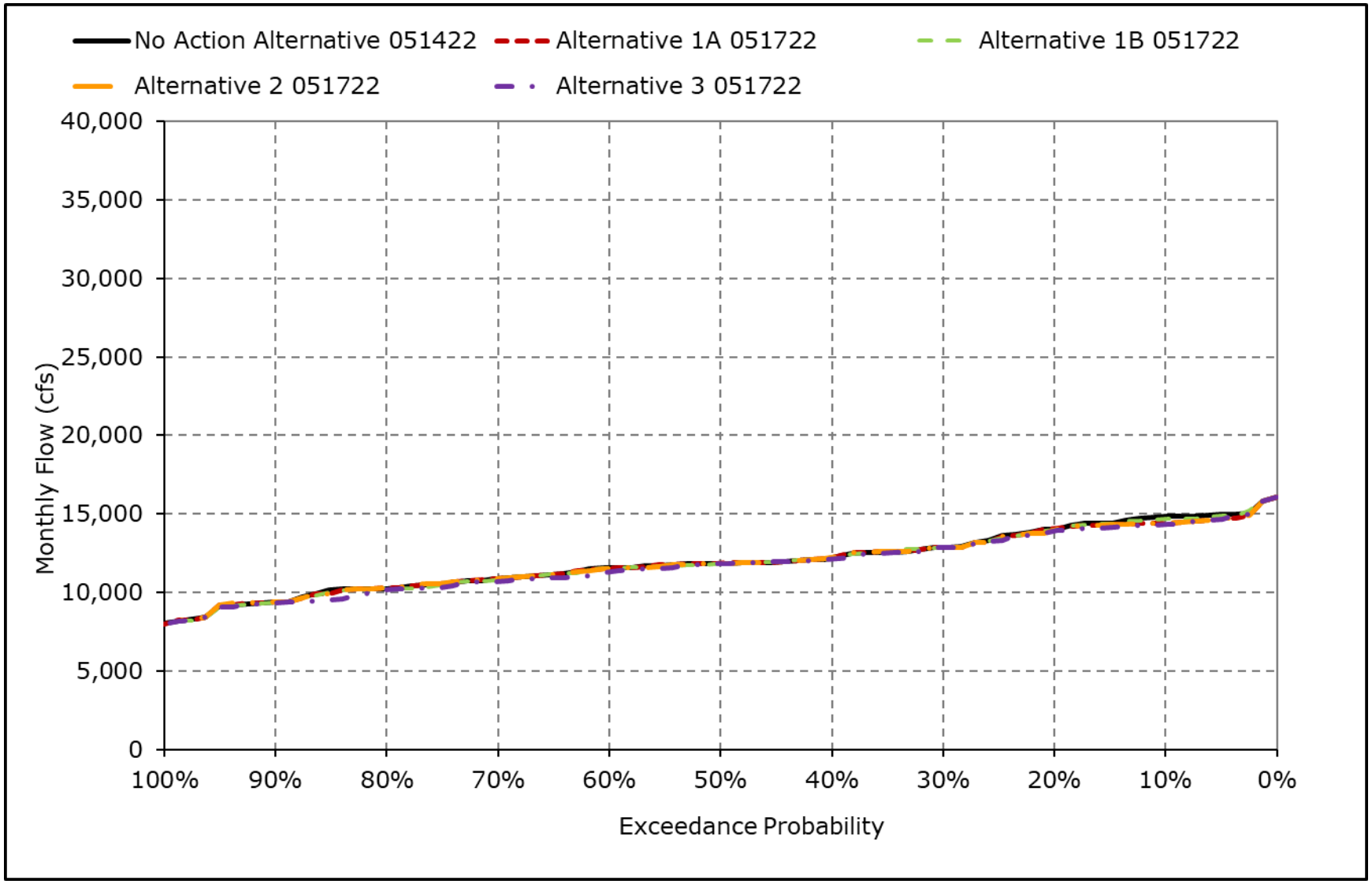
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-15. Sacramento River Flow below Red Bluff Diversion Dam , June



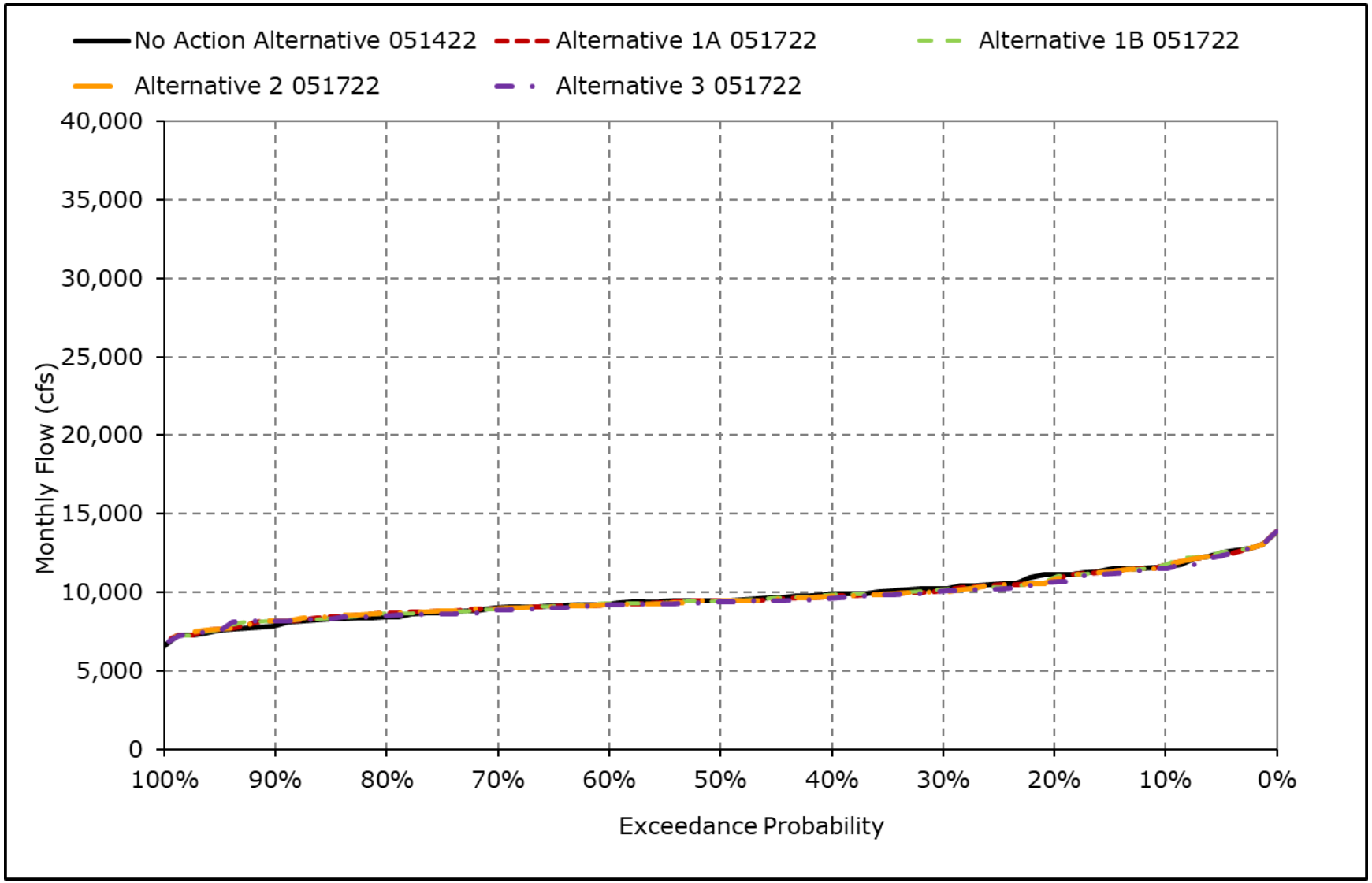
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-16. Sacramento River Flow below Red Bluff Diversion Dam , July



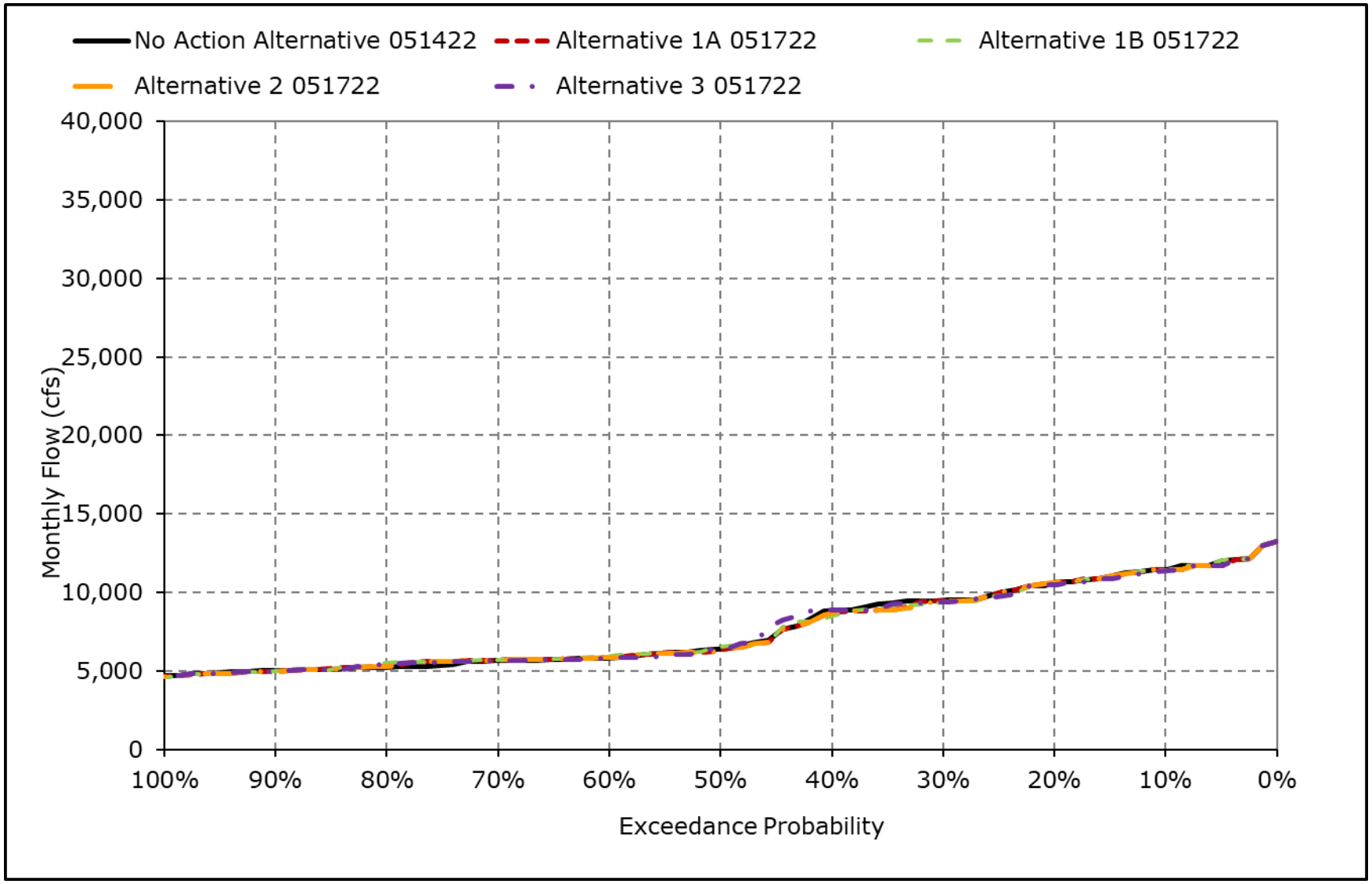
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-17. Sacramento River Flow below Red Bluff Diversion Dam , August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-2-18. Sacramento River Flow below Red Bluff Diversion Dam , September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-3-1a. Red Bluff Diversion - Tehama Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	205	25	1	0	3	70	484	860	1,193	1,372	1,076	322
20% Exceedance	195	21	0	0	1	47	395	780	1,159	1,350	1,059	301
30% Exceedance	165	20	0	0	1	24	341	739	1,102	1,274	1,008	291
40% Exceedance	133	18	0	0	0	20	269	694	1,085	1,263	989	269
50% Exceedance	102	18	0	0	0	17	187	648	1,065	1,201	931	248
60% Exceedance	89	16	0	0	0	13	109	525	1,011	1,148	884	232
70% Exceedance	76	13	0	0	0	9	61	458	774	921	724	144
80% Exceedance	64	11	0	0	0	8	40	268	580	658	522	74
90% Exceedance	51	10	0	0	0	8	13	75	147	166	127	23
Full Simulation Period Average[a]	122	18	0	0	3	32	220	550	868	996	777	210
Wet Water Years (32%)	149	17	0	0	1	24	200	663	1,100	1,270	993	272
Above Normal Water Years (15%)	125	17	0	0	0	25	287	701	1,151	1,307	1,013	269
Below Normal Water Years (17%)	122	18	0	0	3	49	311	655	976	1,135	886	210
Dry Water Years (22%)	121	17	0	0	5	38	241	510	753	851	668	191
Critical Water Years (15%)	64	18	0	0	7	26	60	90	127	144	112	48

Table 5C-3-1b. Red Bluff Diversion - Tehama Colusa Canal, Alternative 1A 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	201	506	2,023	2,045	2,098	2,056	675	869	1,192	1,336	1,042	319
20% Exceedance	177	102	1,675	1,944	1,980	1,943	453	810	1,157	1,317	1,022	302
30% Exceedance	161	69	746	1,007	1,595	833	406	754	1,105	1,274	1,004	291
40% Exceedance	137	35	82	134	684	146	351	709	1,087	1,266	985	277
50% Exceedance	114	23	49	88	109	99	230	666	1,064	1,232	922	263
60% Exceedance	80	19	1	58	90	70	156	551	1,010	1,149	879	233
70% Exceedance	65	18	0	18	62	38	113	459	785	924	728	161
80% Exceedance	52	16	0	1	4	23	62	309	604	660	523	93
90% Exceedance	51	10	0	0	0	8	35	81	152	171	131	51
Full Simulation Period Average[a]	126	198	544	634	764	640	372	592	872	995	771	216
Wet Water Years (32%)	145	258	421	884	881	586	506	787	1,103	1,268	977	276
Above Normal Water Years (15%)	127	202	599	1,446	1,355	1,138	474	704	1,151	1,293	996	268
Below Normal Water Years (17%)	185	301	948	505	771	529	423	658	975	1,129	880	221
Dry Water Years (22%)	98	150	717	140	539	750	273	518	765	863	676	195
Critical Water Years (15%)	56	18	24	171	247	225	69	91	129	145	114	56

Table 5C-3-1c. Red Bluff Diversion - Tehama Colusa Canal, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-3	480	2,022	2,045	2,096	1,986	191	9	-1	-36	-34	-3
20% Exceedance	-18	80	1,674	1,944	1,979	1,895	57	30	-1	-33	-36	1
30% Exceedance	-4	50	745	1,007	1,595	809	65	14	4	0	-4	-1
40% Exceedance	4	17	81	134	684	125	82	15	3	3	-4	8
50% Exceedance	13	5	48	88	109	82	43	18	-1	31	-9	15
60% Exceedance	-9	3	0	58	90	58	47	26	-1	1	-5	1
70% Exceedance	-11	4	0	18	62	29	52	0	10	3	4	17
80% Exceedance	-12	5	0	1	4	16	21	41	24	2	2	19
90% Exceedance	-1	1	0	0	0	0	22	6	5	5	4	28
Full Simulation Period Average[a]	4	181	544	634	761	608	152	42	4	-1	-6	5
Wet Water Years (32%)	-4	241	421	884	881	561	306	124	3	-2	-16	4
Above Normal Water Years (15%)	2	186	598	1,446	1,354	1,113	187	3	-1	-14	-18	-1
Below Normal Water Years (17%)	63	282	948	505	768	480	111	2	-1	-6	-6	11
Dry Water Years (22%)	-23	133	716	140	534	712	32	8	12	11	9	4
Critical Water Years (15%)	-8	0	24	171	240	199	10	1	2	2	2	9

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-3-2a. Red Bluff Diversion - Tehama Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	205	25	1	0	3	70	484	860	1,193	1,372	1,076	322
20% Exceedance	195	21	0	0	1	47	395	780	1,159	1,350	1,059	301
30% Exceedance	165	20	0	0	1	24	341	739	1,102	1,274	1,008	291
40% Exceedance	133	18	0	0	0	20	269	694	1,085	1,263	989	269
50% Exceedance	102	18	0	0	0	17	187	648	1,065	1,201	931	248
60% Exceedance	89	16	0	0	0	13	109	525	1,011	1,148	884	232
70% Exceedance	76	13	0	0	0	9	61	458	774	921	724	144
80% Exceedance	64	11	0	0	0	8	40	268	580	658	522	74
90% Exceedance	51	10	0	0	0	8	13	75	147	166	127	23
Full Simulation Period Average[a]	122	18	0	0	3	32	220	550	868	996	777	210
Wet Water Years (32%)	149	17	0	0	1	24	200	663	1,100	1,270	993	272
Above Normal Water Years (15%)	125	17	0	0	0	25	287	701	1,151	1,307	1,013	269
Below Normal Water Years (17%)	122	18	0	0	3	49	311	655	976	1,135	886	210
Dry Water Years (22%)	121	17	0	0	5	38	241	510	753	851	668	191
Critical Water Years (15%)	64	18	0	0	7	26	60	90	127	144	112	48

Table 5C-3-2b. Red Bluff Diversion - Tehama Colusa Canal, Alternative 1B 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	201	506	2,029	2,062	2,114	2,056	673	858	1,182	1,335	1,042	319
20% Exceedance	179	101	1,829	2,023	1,980	1,972	432	779	1,097	1,296	1,017	302
30% Exceedance	161	69	728	1,365	1,774	685	382	721	1,072	1,267	999	287
40% Exceedance	136	34	78	151	723	146	321	664	1,033	1,220	985	272
50% Exceedance	109	23	46	89	109	103	208	536	877	1,148	919	254
60% Exceedance	80	19	1	53	95	71	152	446	684	1,046	883	234
70% Exceedance	66	18	0	18	65	38	99	318	568	761	733	145
80% Exceedance	54	16	0	1	4	18	61	147	387	632	525	94
90% Exceedance	51	12	0	0	0	8	35	40	132	145	132	51
Full Simulation Period Average[a]	127	208	555	683	781	638	357	530	761	945	770	214
Wet Water Years (32%)	146	288	408	1,051	866	619	507	787	1,103	1,262	977	274
Above Normal Water Years (15%)	127	207	713	1,447	1,362	1,138	476	694	790	1,010	985	267
Below Normal Water Years (17%)	190	301	974	480	893	534	398	535	804	1,108	882	222
Dry Water Years (22%)	93	148	691	139	536	688	221	355	642	860	678	192
Critical Water Years (15%)	63	18	24	171	253	225	70	65	118	132	116	58

Table 5C-3-2c. Red Bluff Diversion - Tehama Colusa Canal, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-4	481	2,028	2,062	2,112	1,986	189	-2	-11	-36	-34	-3
20% Exceedance	-16	80	1,829	2,023	1,979	1,924	37	-1	-61	-54	-42	1
30% Exceedance	-4	50	728	1,365	1,773	661	42	-19	-30	-7	-9	-4
40% Exceedance	3	16	77	151	723	126	53	-31	-52	-43	-4	4
50% Exceedance	7	5	46	89	109	86	22	-112	-188	-53	-13	5
60% Exceedance	-9	3	0	53	95	58	43	-80	-327	-101	-2	1
70% Exceedance	-10	4	0	18	65	29	38	-141	-206	-160	9	0
80% Exceedance	-10	5	0	1	4	10	20	-121	-194	-27	3	20
90% Exceedance	-1	2	0	0	0	0	22	-34	-15	-21	5	28
Full Simulation Period Average[a]	5	191	555	682	778	606	137	-20	-107	-50	-7	4
Wet Water Years (32%)	-3	270	408	1,051	866	594	307	124	3	-8	-16	2
Above Normal Water Years (15%)	2	190	713	1,447	1,361	1,113	189	-7	-362	-297	-28	-2
Below Normal Water Years (17%)	68	283	974	480	890	485	87	-120	-172	-27	-4	12
Dry Water Years (22%)	-28	131	691	139	531	649	-20	-155	-112	9	10	0
Critical Water Years (15%)	-1	0	24	171	246	199	10	-25	-9	-12	4	10

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-3-3a. Red Bluff Diversion - Tehama Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	205	25	1	0	3	70	484	860	1,193	1,372	1,076	322
20% Exceedance	195	21	0	0	1	47	395	780	1,159	1,350	1,059	301
30% Exceedance	165	20	0	0	1	24	341	739	1,102	1,274	1,008	291
40% Exceedance	133	18	0	0	0	20	269	694	1,085	1,263	989	269
50% Exceedance	102	18	0	0	0	17	187	648	1,065	1,201	931	248
60% Exceedance	89	16	0	0	0	13	109	525	1,011	1,148	884	232
70% Exceedance	76	13	0	0	0	9	61	458	774	921	724	144
80% Exceedance	64	11	0	0	0	8	40	268	580	658	522	74
90% Exceedance	51	10	0	0	0	8	13	75	147	166	127	23
Full Simulation Period Average[a]	122	18	0	0	3	32	220	550	868	996	777	210
Wet Water Years (32%)	149	17	0	0	1	24	200	663	1,100	1,270	993	272
Above Normal Water Years (15%)	125	17	0	0	0	25	287	701	1,151	1,307	1,013	269
Below Normal Water Years (17%)	122	18	0	0	3	49	311	655	976	1,135	886	210
Dry Water Years (22%)	121	17	0	0	5	38	241	510	753	851	668	191
Critical Water Years (15%)	64	18	0	0	7	26	60	90	127	144	112	48

Table 5C-3-3b. Red Bluff Diversion - Tehama Colusa Canal, Alternative 2 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	202	505	2,029	2,045	2,041	2,054	675	869	1,192	1,336	1,042	319
20% Exceedance	177	102	1,708	1,944	1,962	1,914	453	810	1,157	1,317	1,022	302
30% Exceedance	162	69	729	1,041	1,356	626	406	754	1,105	1,274	1,004	291
40% Exceedance	136	35	82	117	627	121	349	709	1,087	1,266	985	277
50% Exceedance	103	23	47	87	101	96	230	666	1,064	1,232	922	262
60% Exceedance	82	19	1	58	89	69	156	551	1,010	1,149	877	232
70% Exceedance	68	18	0	18	65	32	111	459	782	924	722	161
80% Exceedance	54	16	0	1	4	18	62	303	600	658	521	93
90% Exceedance	51	10	0	0	0	8	35	81	153	172	131	51
Full Simulation Period Average[a]	126	198	548	637	728	602	370	592	871	995	771	215
Wet Water Years (32%)	144	255	415	872	766	466	501	787	1,103	1,268	977	276
Above Normal Water Years (15%)	127	204	639	1,445	1,352	1,138	474	704	1,151	1,293	996	268
Below Normal Water Years (17%)	183	301	948	544	772	529	422	656	973	1,127	878	220
Dry Water Years (22%)	97	150	716	140	539	750	273	518	765	863	676	195
Critical Water Years (15%)	63	18	24	171	252	225	70	92	129	146	114	56

Table 5C-3-3c. Red Bluff Diversion - Tehama Colusa Canal, Alternative 2 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	479	2,029	2,045	2,038	1,984	191	9	-1	-36	-34	-3
20% Exceedance	-18	80	1,708	1,944	1,961	1,866	57	30	-1	-33	-36	1
30% Exceedance	-4	50	728	1,041	1,355	601	65	14	4	0	-4	-1
40% Exceedance	3	17	81	117	627	100	80	15	3	3	-4	8
50% Exceedance	1	5	47	87	100	80	43	18	-1	31	-9	14
60% Exceedance	-6	3	0	58	89	56	47	26	-1	1	-7	0
70% Exceedance	-8	4	0	18	65	23	50	0	8	3	-1	17
80% Exceedance	-10	5	0	1	3	10	22	35	20	-1	0	19
90% Exceedance	0	1	0	0	0	0	22	6	6	6	5	28
Full Simulation Period Average[a]	4	180	547	637	725	570	150	42	3	-1	-7	5
Wet Water Years (32%)	-4	238	415	872	766	441	301	124	3	-2	-16	4
Above Normal Water Years (15%)	2	187	638	1,445	1,352	1,112	187	3	-1	-14	-18	-1
Below Normal Water Years (17%)	62	282	948	544	769	480	111	1	-3	-8	-7	10
Dry Water Years (22%)	-24	133	716	140	534	712	32	8	12	11	9	4
Critical Water Years (15%)	-1	0	24	171	245	199	10	1	2	2	2	9

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-3-4a. Red Bluff Diversion - Tehama Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	205	25	1	0	3	70	484	860	1,193	1,372	1,076	322
20% Exceedance	195	21	0	0	1	47	395	780	1,159	1,350	1,059	301
30% Exceedance	165	20	0	0	1	24	341	739	1,102	1,274	1,008	291
40% Exceedance	133	18	0	0	0	20	269	694	1,085	1,263	989	269
50% Exceedance	102	18	0	0	0	17	187	648	1,065	1,201	931	248
60% Exceedance	89	16	0	0	0	13	109	525	1,011	1,148	884	232
70% Exceedance	76	13	0	0	0	9	61	458	774	921	724	144
80% Exceedance	64	11	0	0	0	8	40	268	580	658	522	74
90% Exceedance	51	10	0	0	0	8	13	75	147	166	127	23
Full Simulation Period Average[a]	122	18	0	0	3	32	220	550	868	996	777	210
Wet Water Years (32%)	149	17	0	0	1	24	200	663	1,100	1,270	993	272
Above Normal Water Years (15%)	125	17	0	0	0	25	287	701	1,151	1,307	1,013	269
Below Normal Water Years (17%)	122	18	0	0	3	49	311	655	976	1,135	886	210
Dry Water Years (22%)	121	17	0	0	5	38	241	510	753	851	668	191
Critical Water Years (15%)	64	18	0	0	7	26	60	90	127	144	112	48

Table 5C-3-4b. Red Bluff Diversion - Tehama Colusa Canal, Alternative 3 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	197	593	2,035	2,128	2,124	2,060	738	859	1,182	1,332	1,039	318
20% Exceedance	177	99	1,820	2,032	2,022	1,986	449	765	1,097	1,272	1,007	300
30% Exceedance	159	74	765	1,724	1,930	1,483	389	725	1,062	1,255	987	286
40% Exceedance	138	35	82	171	1,073	410	339	654	961	1,146	919	267
50% Exceedance	117	23	65	88	487	118	219	537	583	939	844	239
60% Exceedance	91	19	1	51	98	86	152	426	523	607	579	212
70% Exceedance	70	18	0	18	76	64	116	284	484	549	447	125
80% Exceedance	55	17	0	1	4	27	64	176	296	473	391	72
90% Exceedance	51	12	0	0	0	9	36	48	133	142	102	33
Full Simulation Period Average[a]	131	214	570	710	897	731	374	521	693	826	686	204
Wet Water Years (32%)	146	287	374	1,079	1,159	760	555	789	1,104	1,264	979	275
Above Normal Water Years (15%)	125	212	839	1,457	1,521	1,171	477	695	776	588	604	186
Below Normal Water Years (17%)	198	327	984	579	890	671	403	514	600	890	745	212
Dry Water Years (22%)	106	151	715	142	543	781	227	326	495	758	655	202
Critical Water Years (15%)	61	18	25	171	247	225	66	69	127	141	115	63

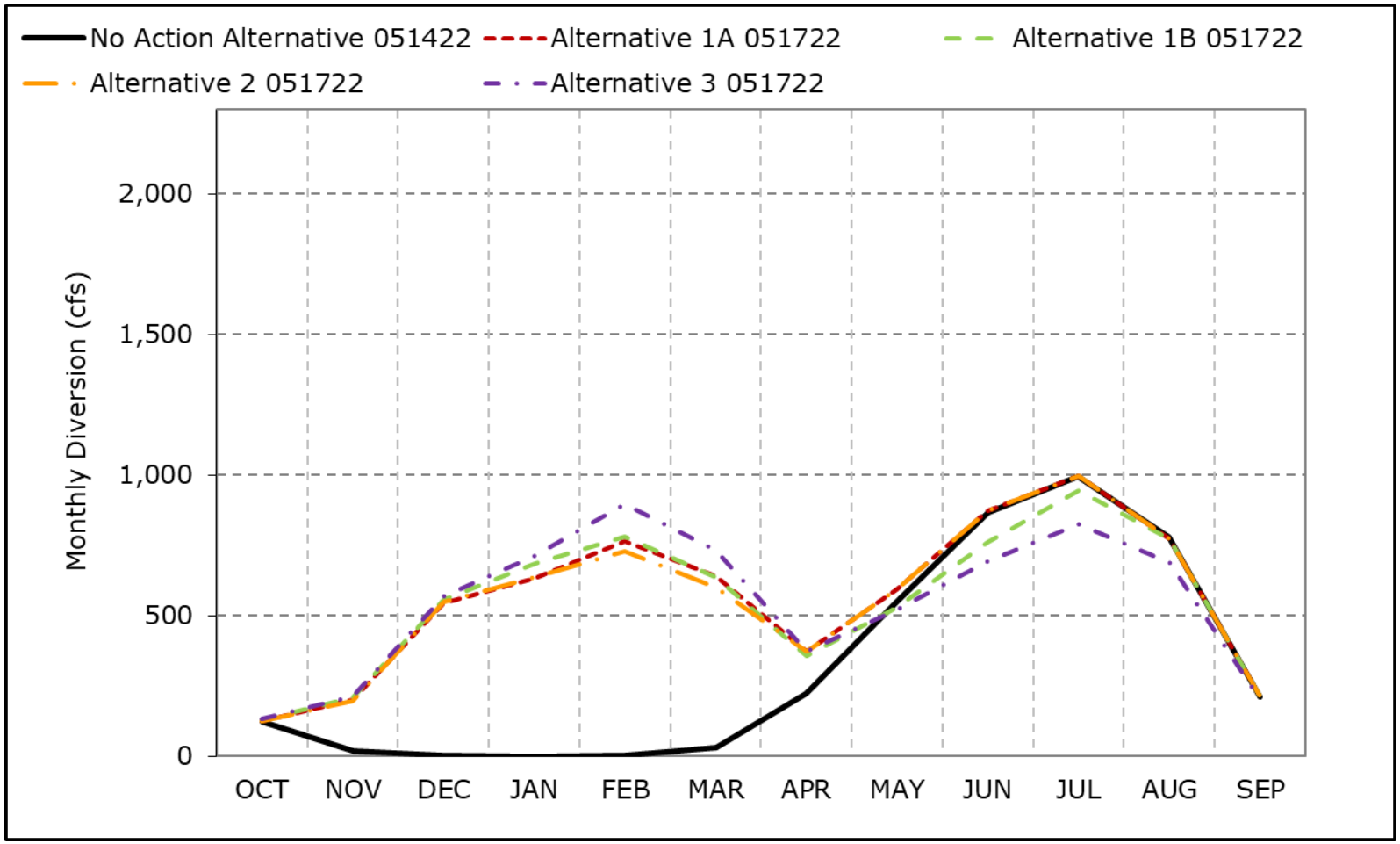
Table 5C-3-4c. Red Bluff Diversion - Tehama Colusa Canal, Alternative 3 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-8	568	2,035	2,128	2,122	1,990	253	-2	-11	-40	-37	-4
20% Exceedance	-18	77	1,820	2,032	2,021	1,939	54	-15	-62	-78	-51	-1
30% Exceedance	-6	55	764	1,724	1,929	1,458	48	-15	-40	-19	-21	-5
40% Exceedance	6	17	81	171	1,073	389	70	-41	-123	-117	-70	-2
50% Exceedance	15	5	65	88	486	102	33	-111	-482	-262	-87	-10
60% Exceedance	2	3	1	51	97	73	43	-100	-488	-541	-306	-21
70% Exceedance	-6	5	0	18	76	56	56	-175	-290	-372	-276	-19
80% Exceedance	-9	6	0	1	4	19	24	-92	-285	-185	-130	-2
90% Exceedance	-1	2	0	0	0	1	23	-26	-14	-24	-25	9
Full Simulation Period Average[a]	8	196	570	710	894	699	154	-28	-174	-170	-91	-6
Wet Water Years (32%)	-2	270	374	1,079	1,159	736	355	127	4	-6	-15	3
Above Normal Water Years (15%)	0	195	839	1,457	1,521	1,146	190	-6	-375	-719	-409	-82
Below Normal Water Years (17%)	76	308	984	579	887	622	92	-142	-376	-245	-141	2
Dry Water Years (22%)	-16	134	714	141	538	743	-14	-184	-259	-94	-12	10
Critical Water Years (15%)	-3	0	24	171	240	199	7	-21	0	-2	3	15

[a] Based on the 82-year simulation period.

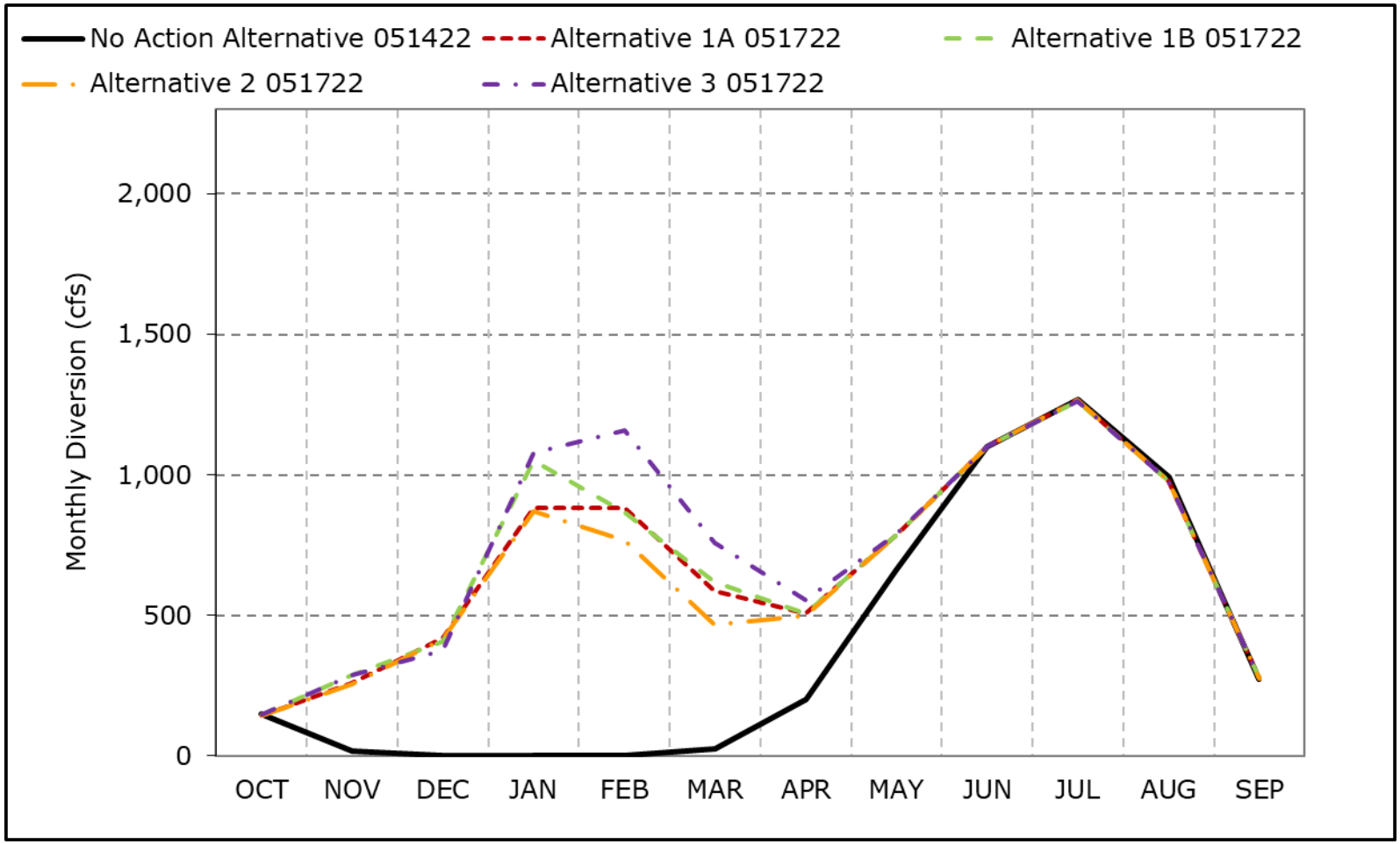
* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-1. Red Bluff Diversion - Tehama Colusa Canal, Long-Term Average Diversion



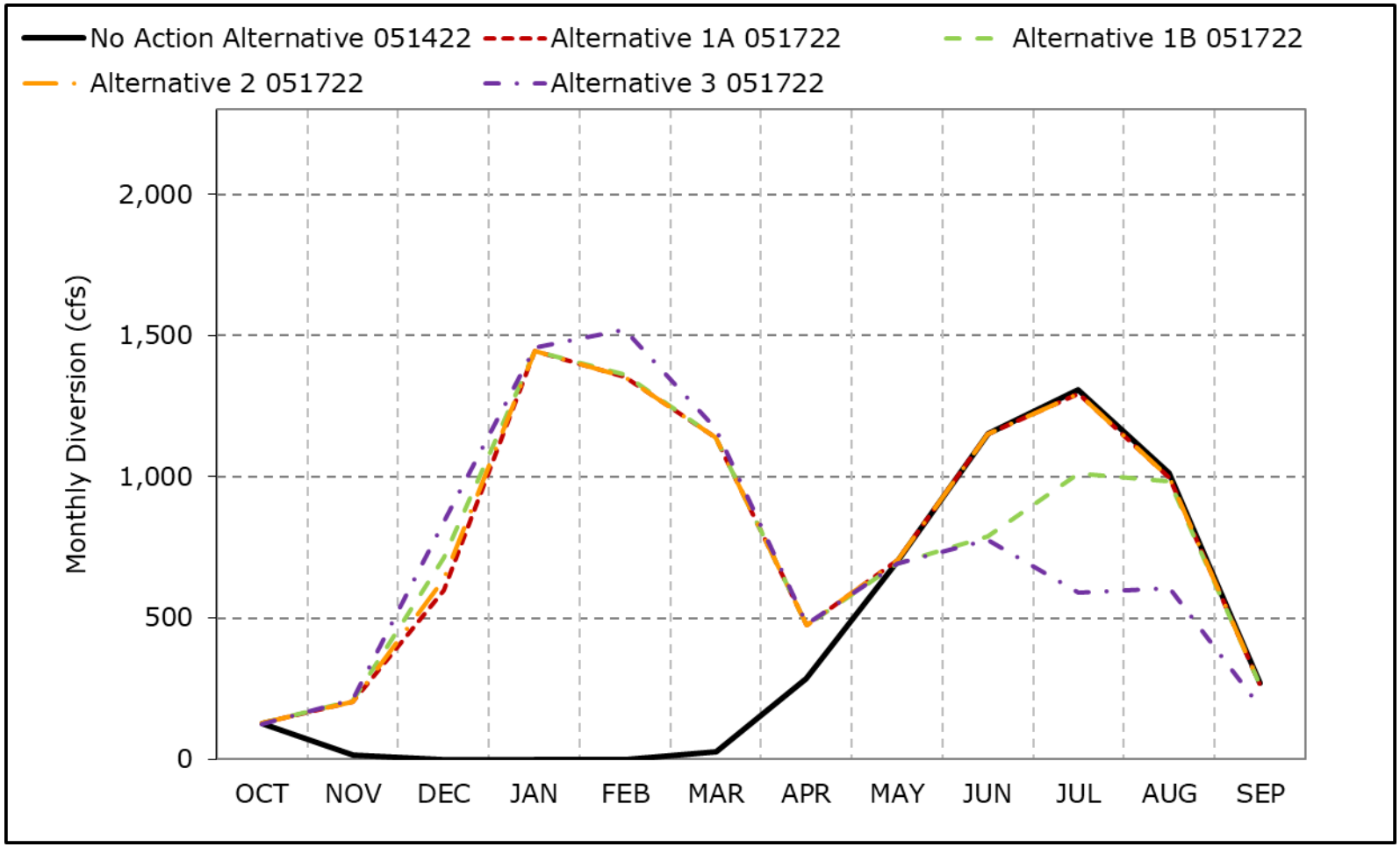
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-2. Red Bluff Diversion - Tehama Colusa Canal, Wet Year Average Diversion



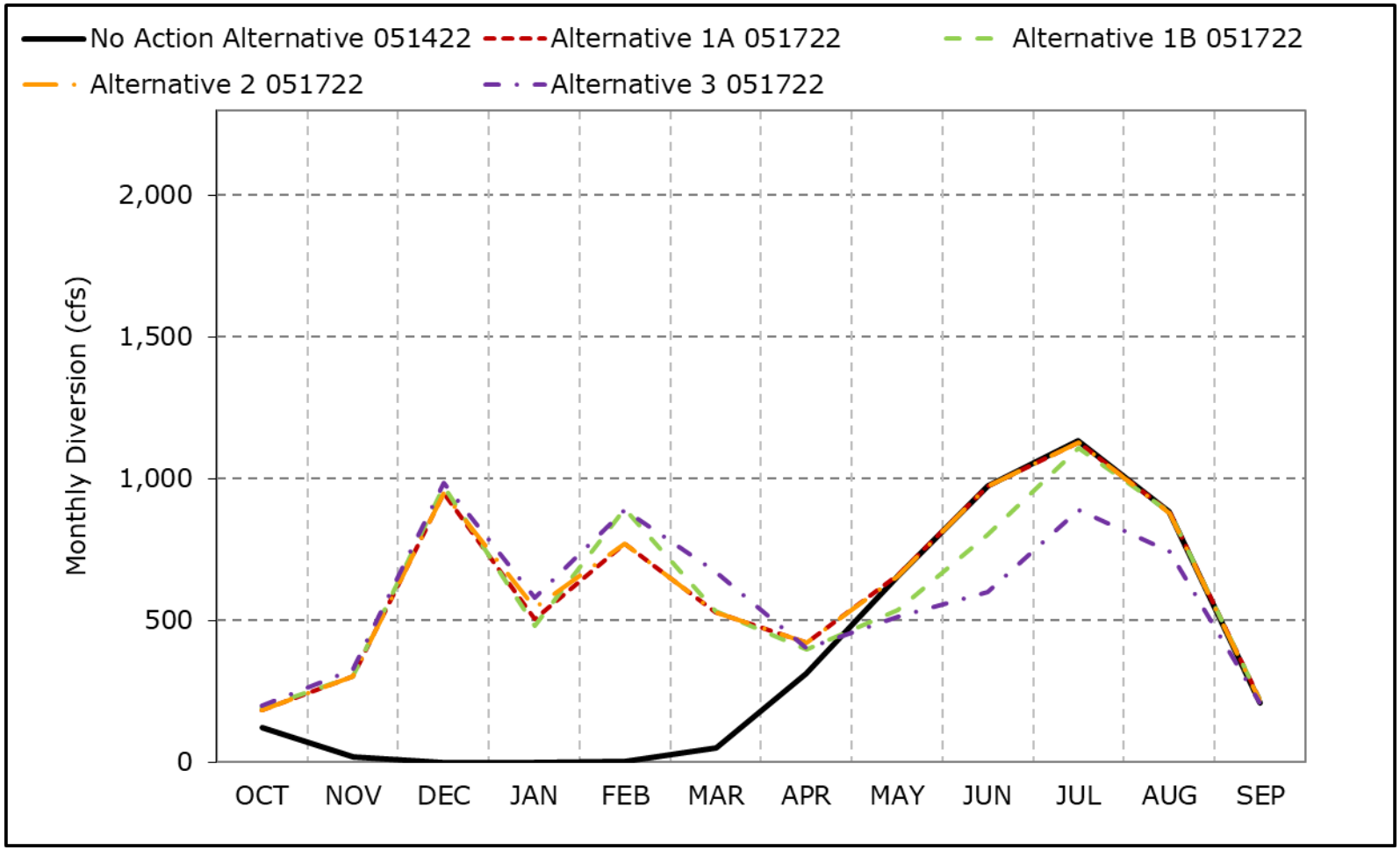
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-3. Red Bluff Diversion - Tehama Colusa Canal, Above Normal Year Average Diversion



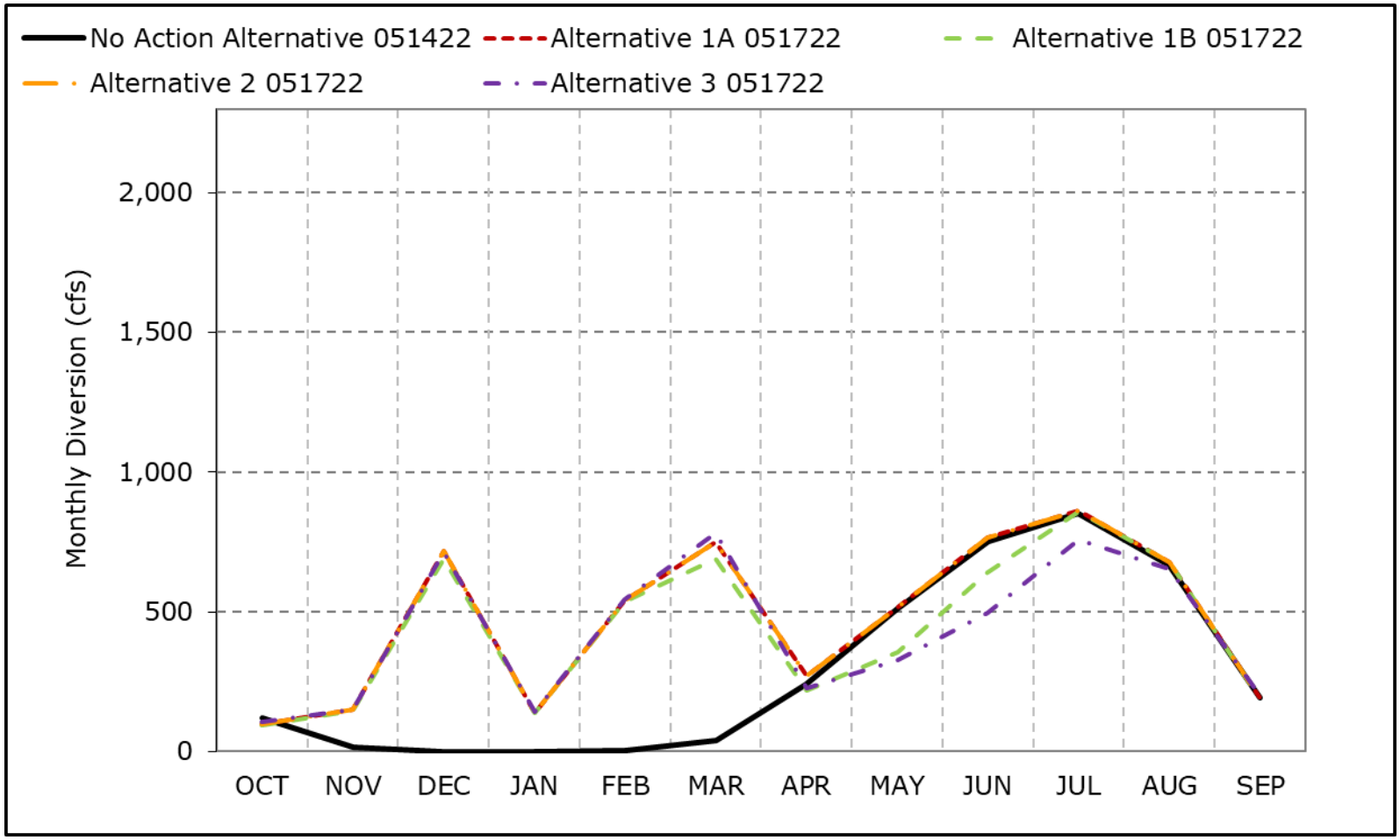
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-4. Red Bluff Diversion - Tehama Colusa Canal, Below Normal Year Average Diversion



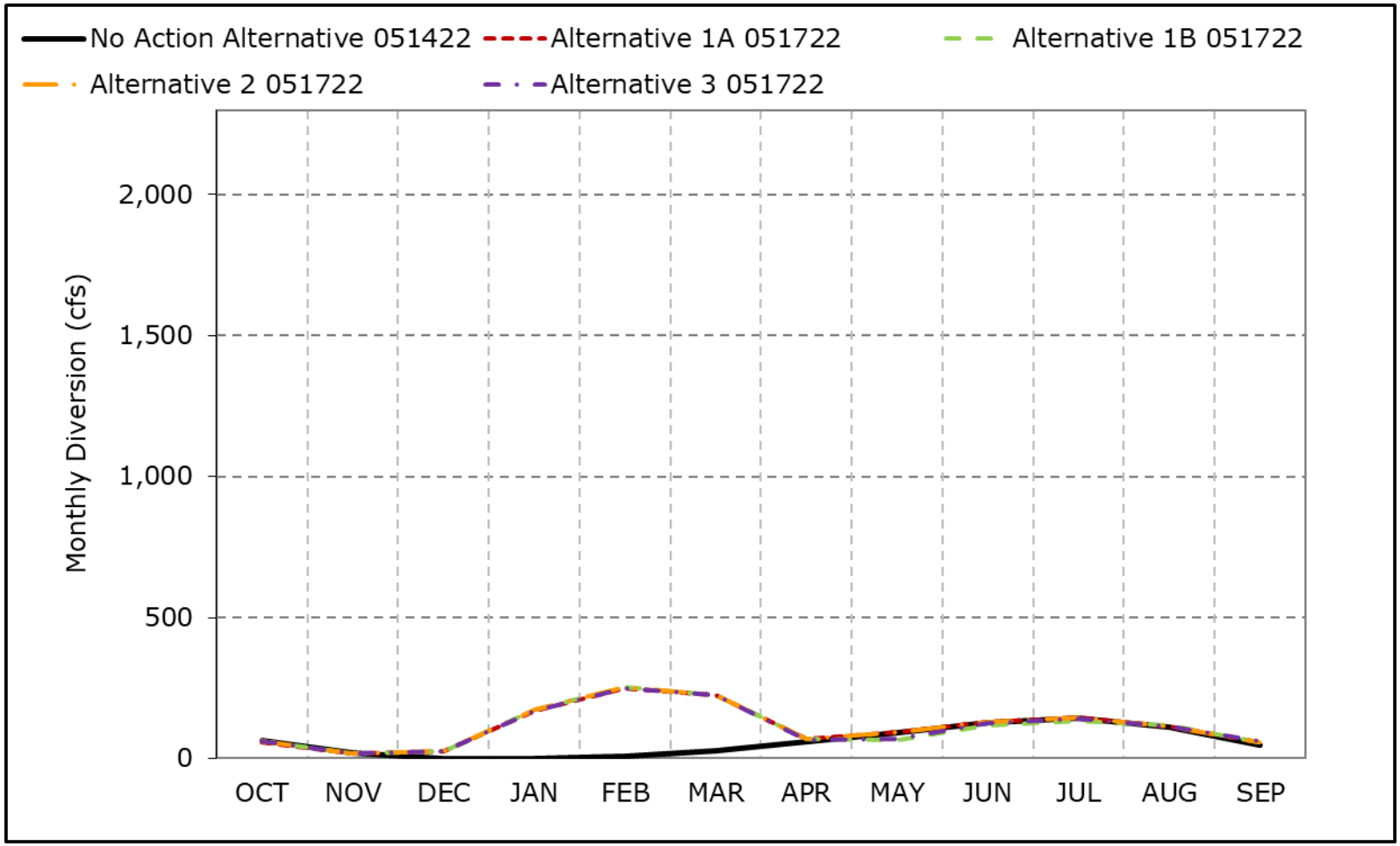
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-5. Red Bluff Diversion - Tehama Colusa Canal, Dry Year Average Diversion



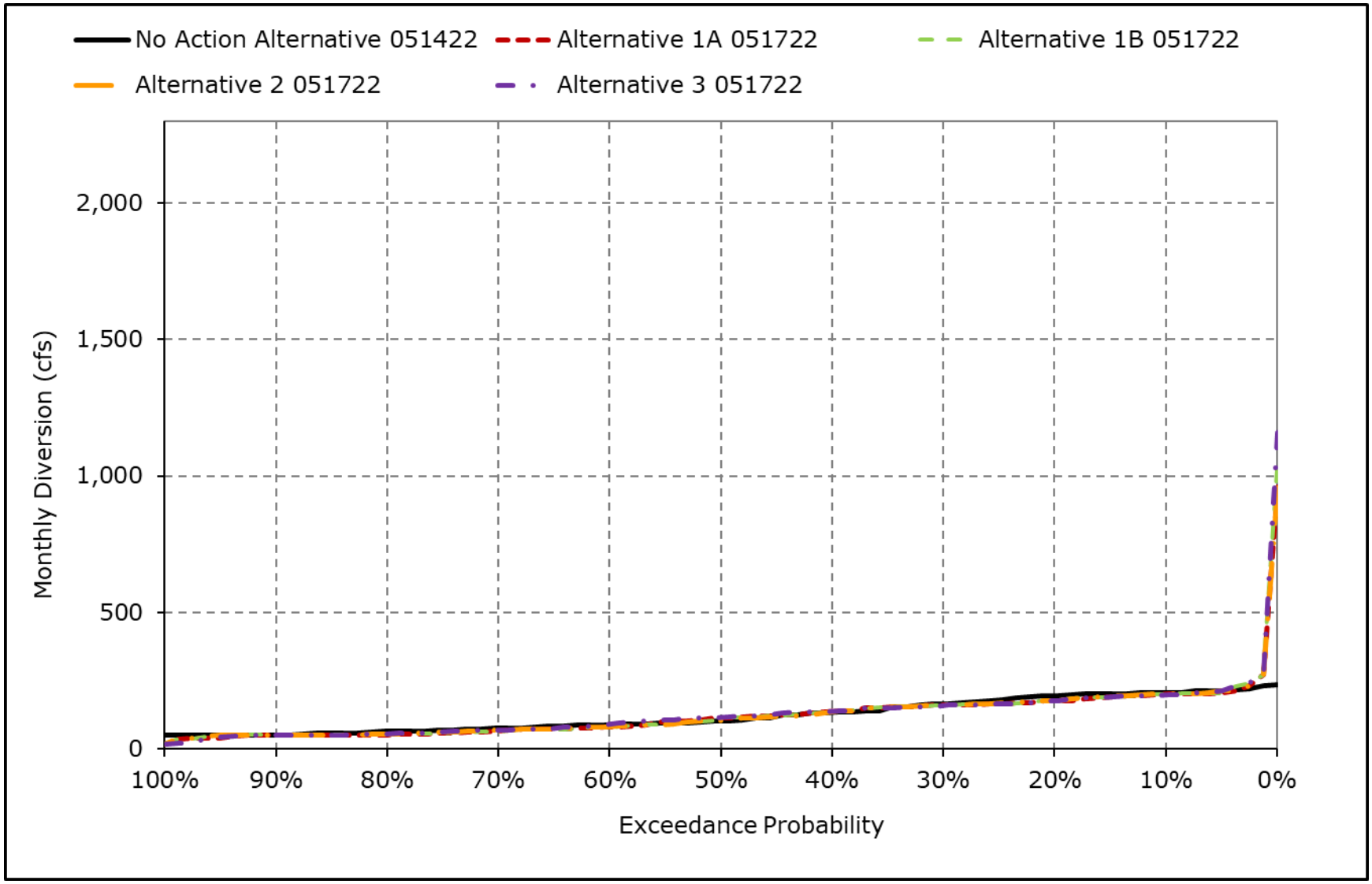
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-6. Red Bluff Diversion - Tehama Colusa Canal, Critical Year Average Diversion



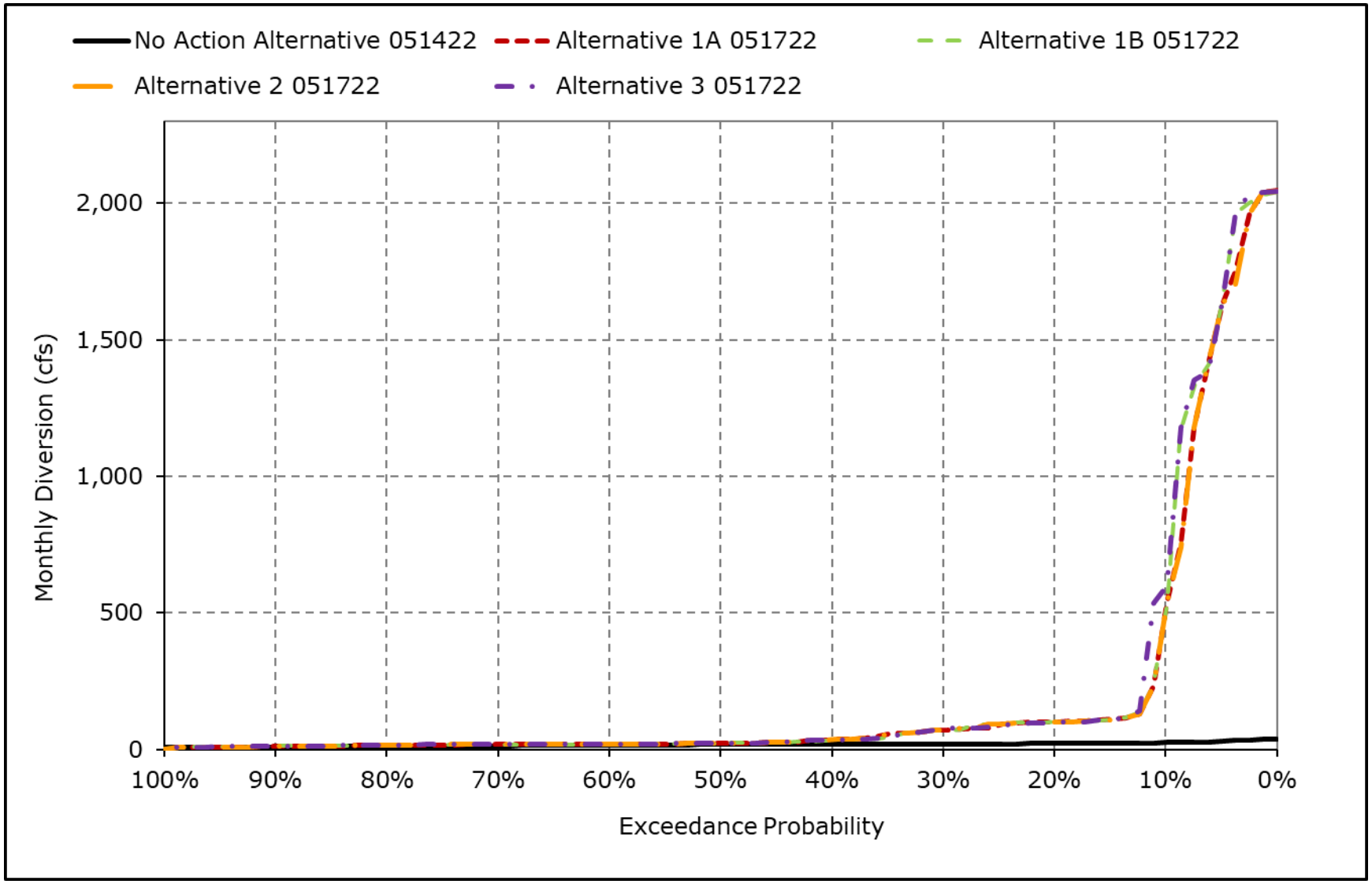
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-7. Red Bluff Diversion - Tehama Colusa Canal, October



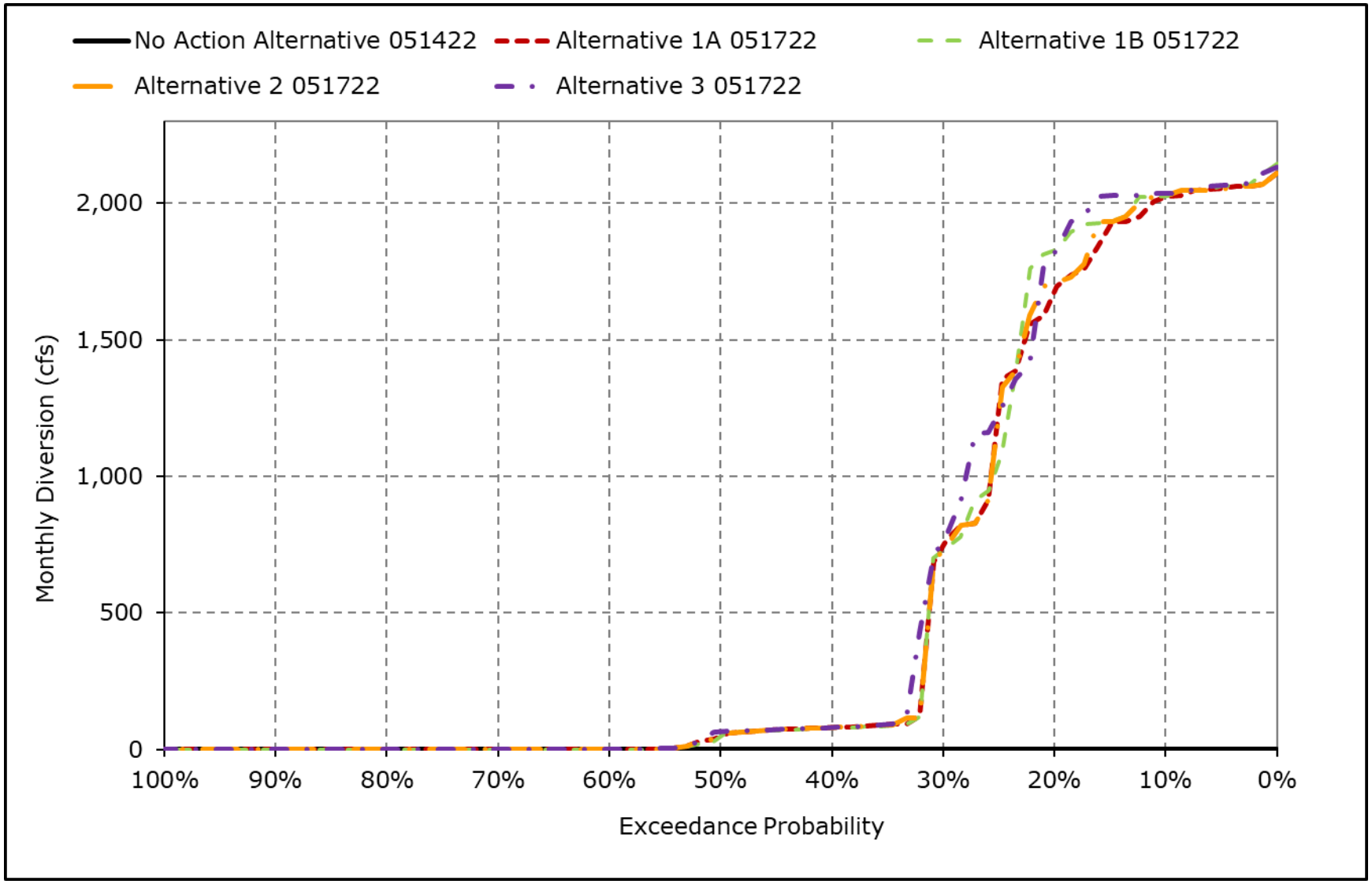
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-8. Red Bluff Diversion - Tehama Colusa Canal, November



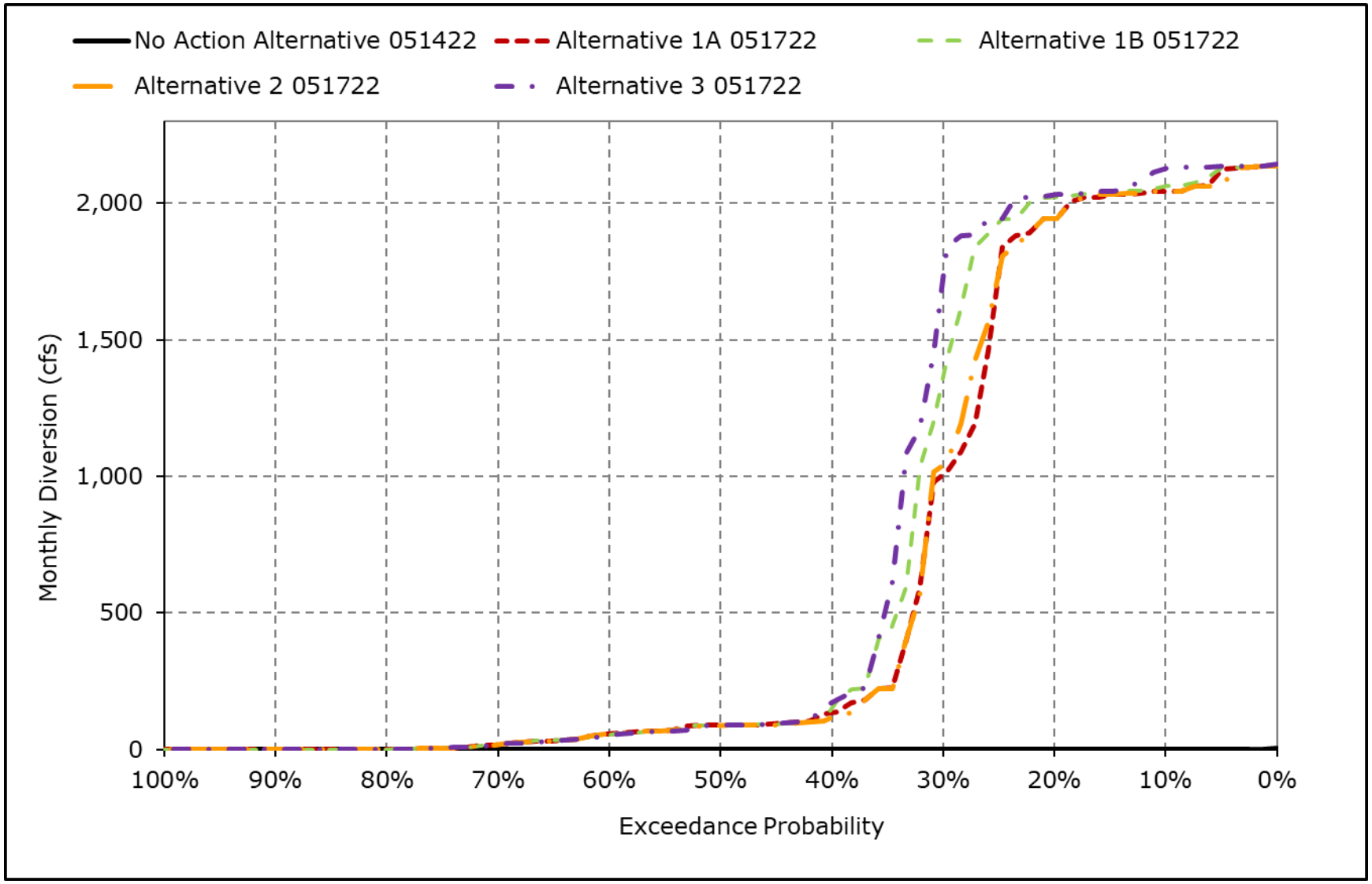
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-9. Red Bluff Diversion - Tehama Colusa Canal, December



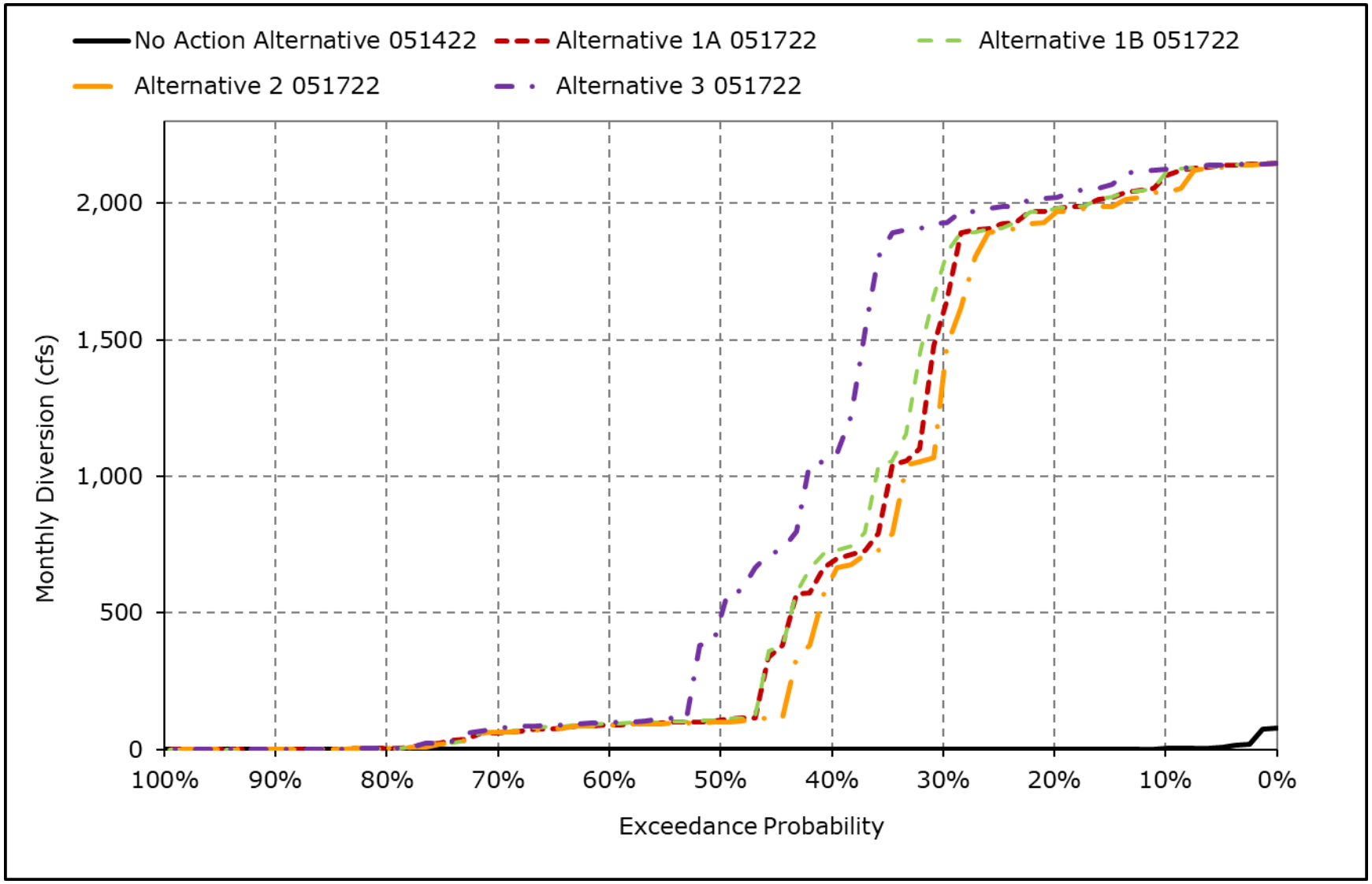
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-10. Red Bluff Diversion - Tehama Colusa Canal, January



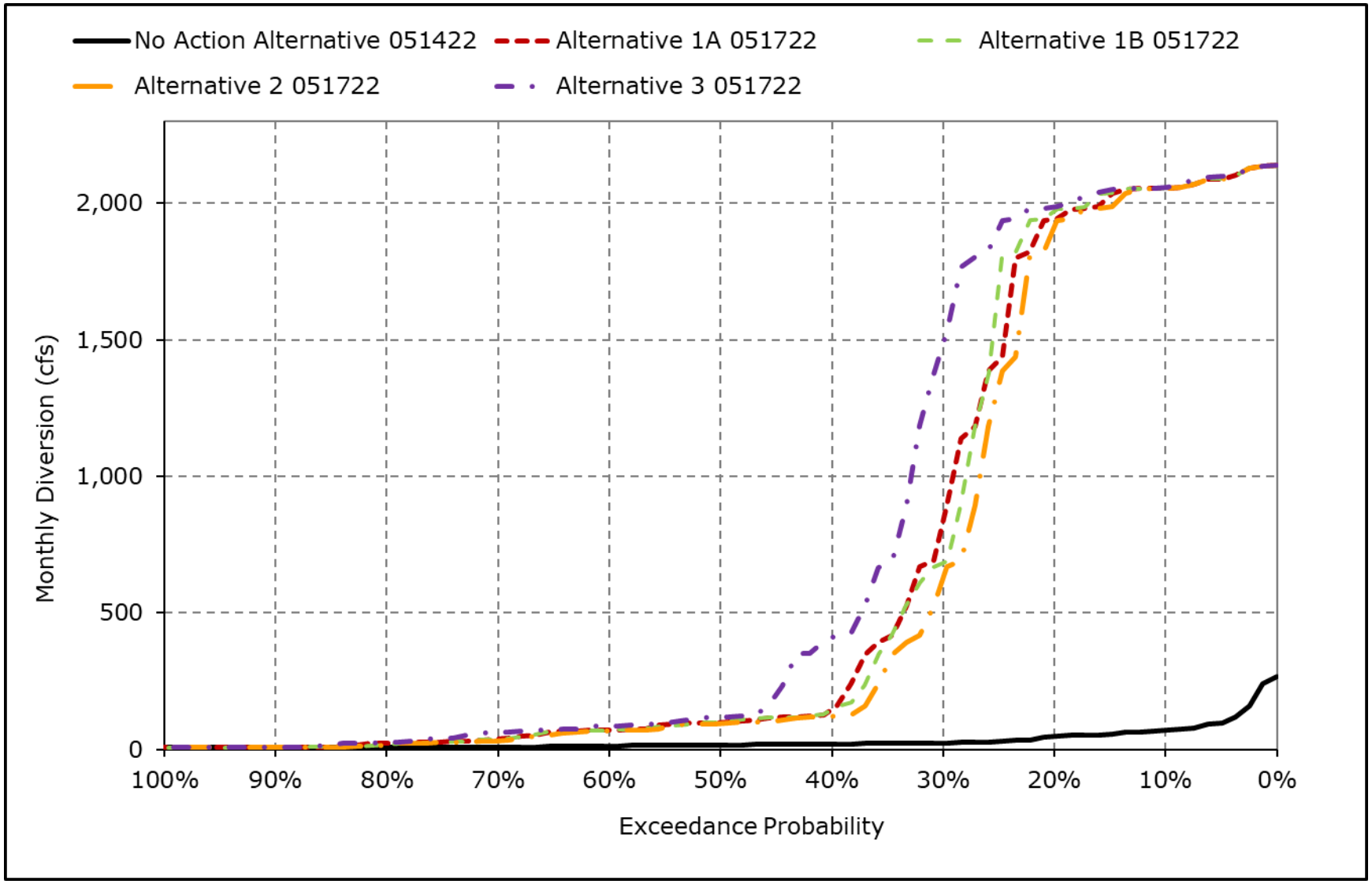
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-11. Red Bluff Diversion - Tehama Colusa Canal, February



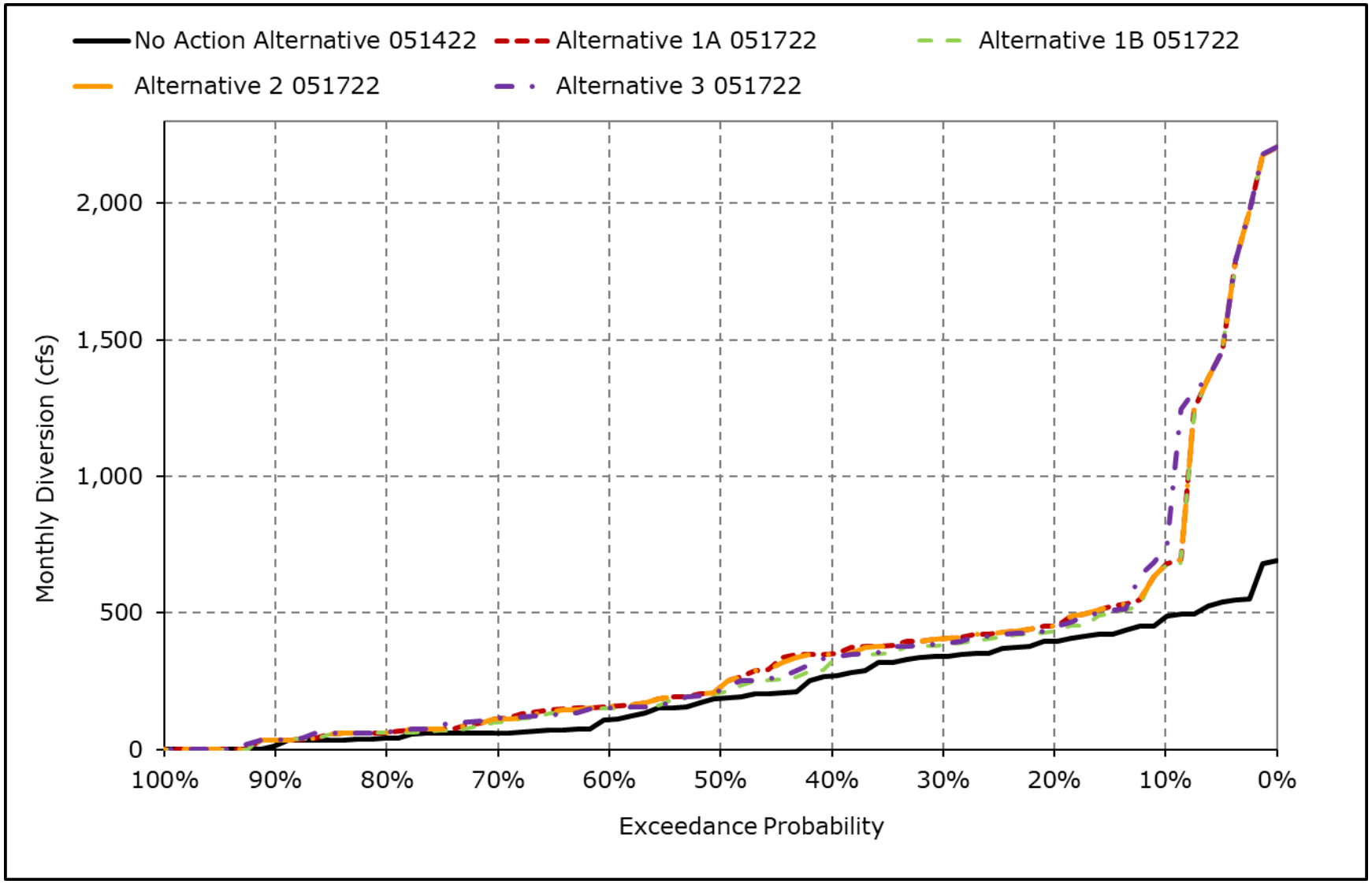
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-12. Red Bluff Diversion - Tehama Colusa Canal, March



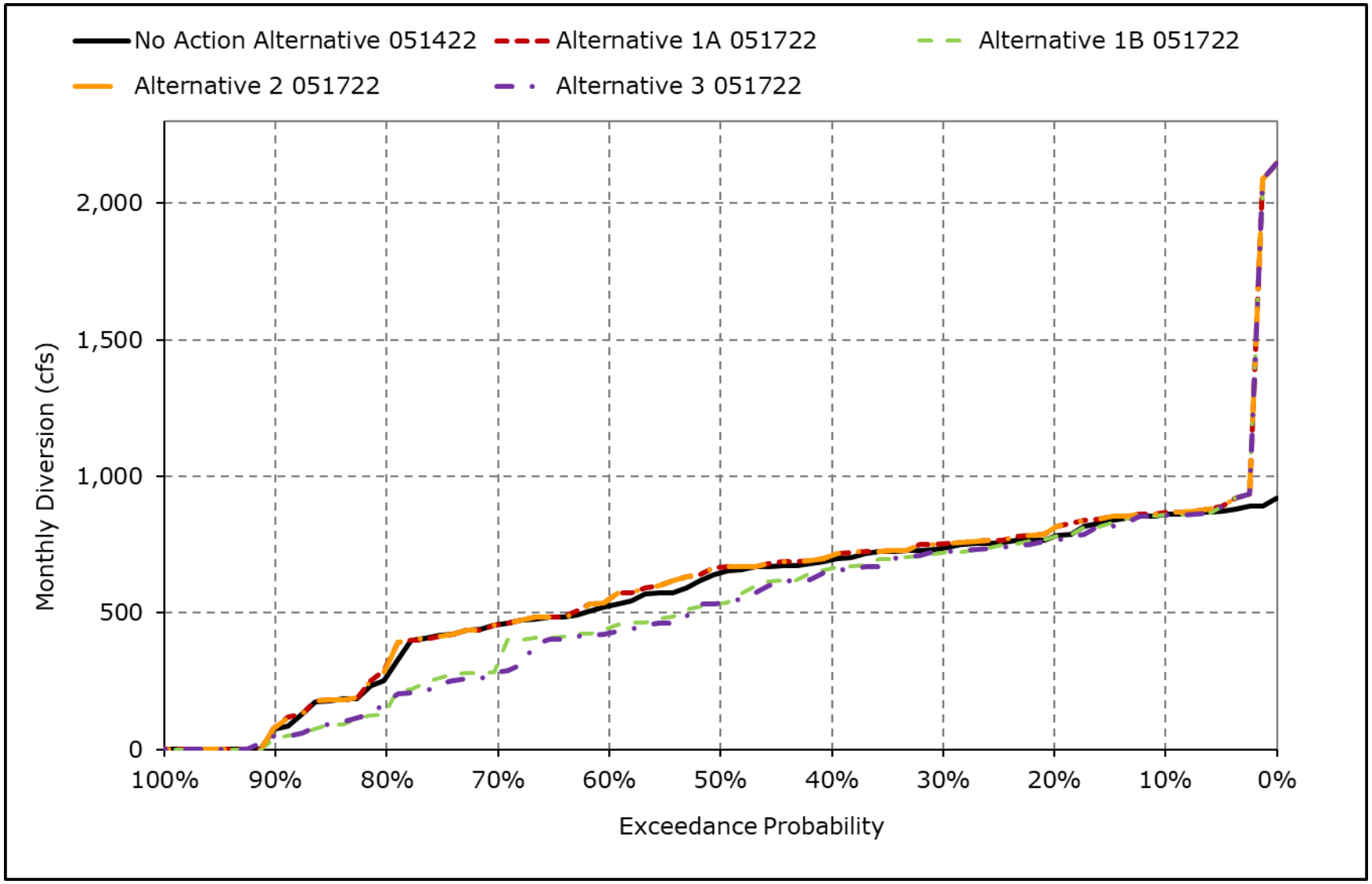
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-13. Red Bluff Diversion - Tehama Colusa Canal, April



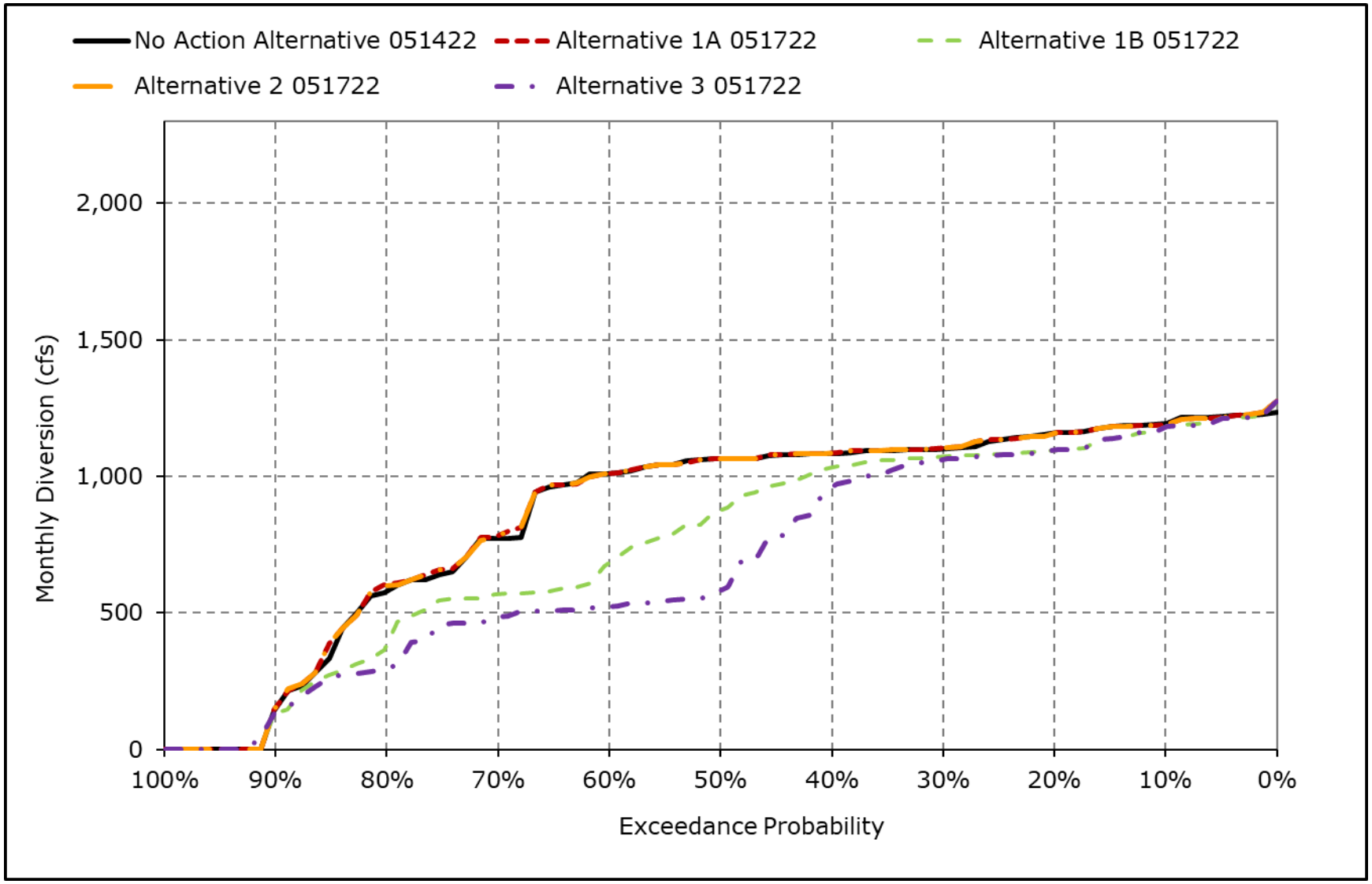
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-14. Red Bluff Diversion - Tehama Colusa Canal, May



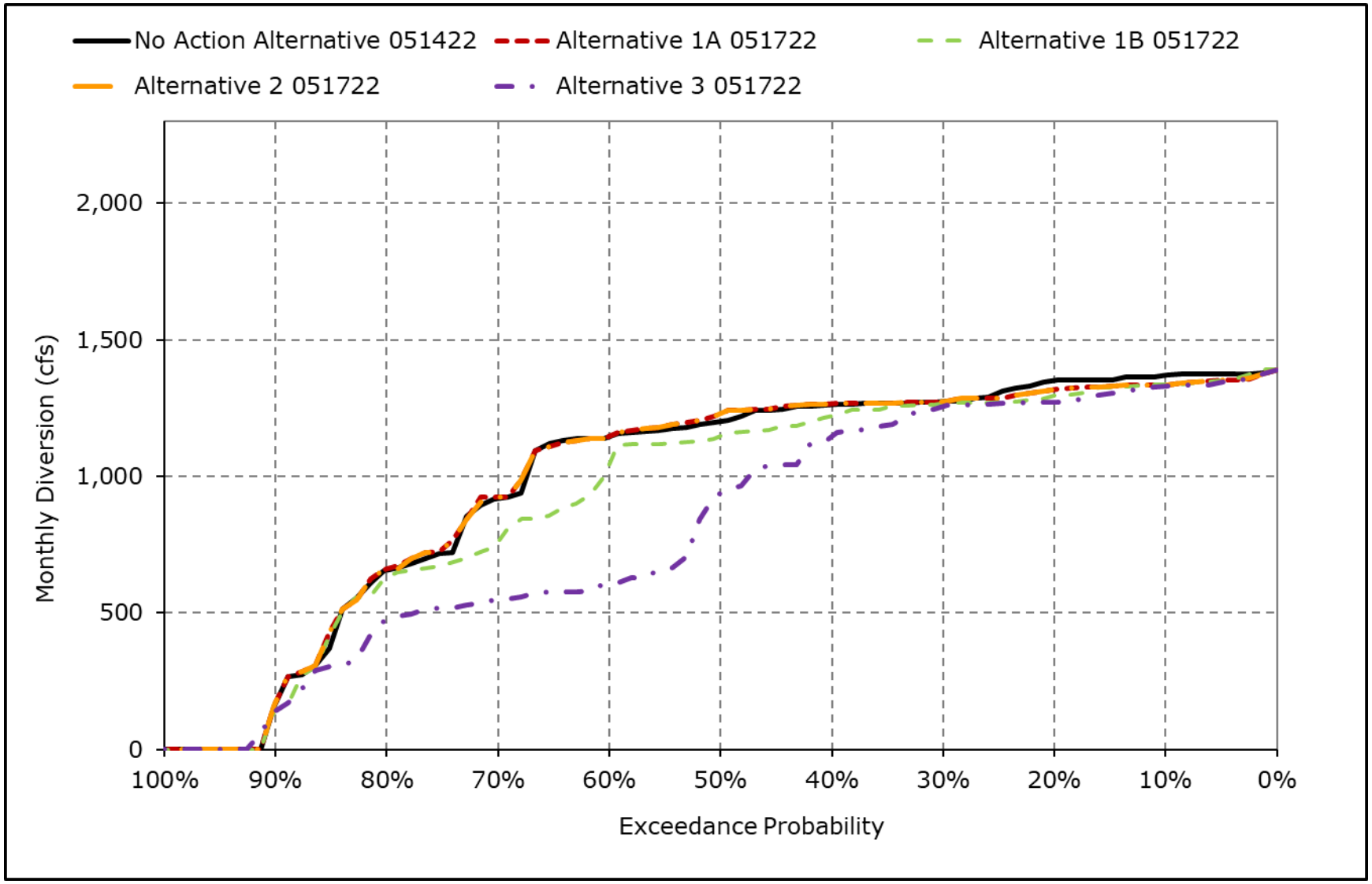
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-15. Red Bluff Diversion - Tehama Colusa Canal, June



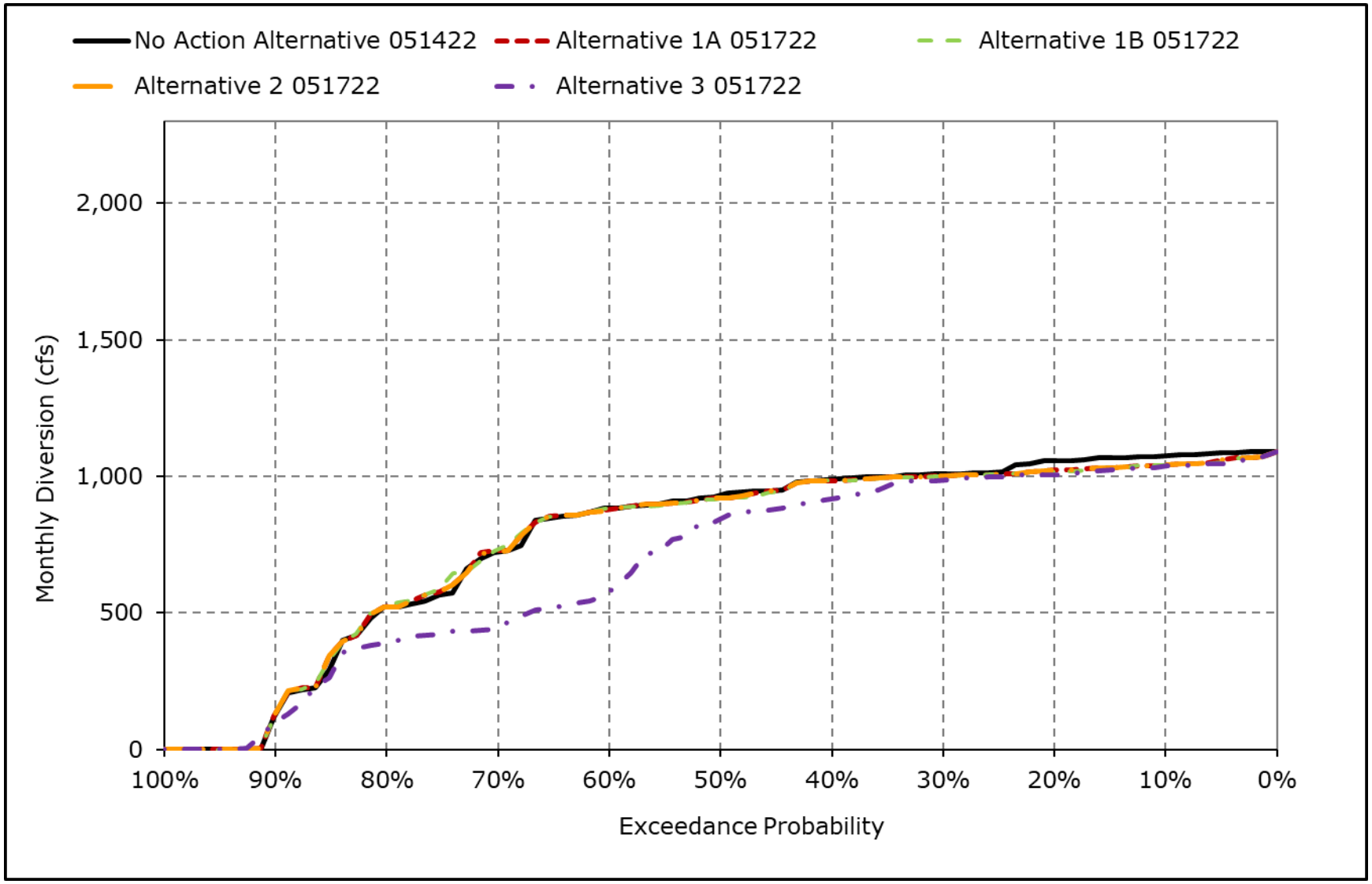
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-16. Red Bluff Diversion - Tehama Colusa Canal, July



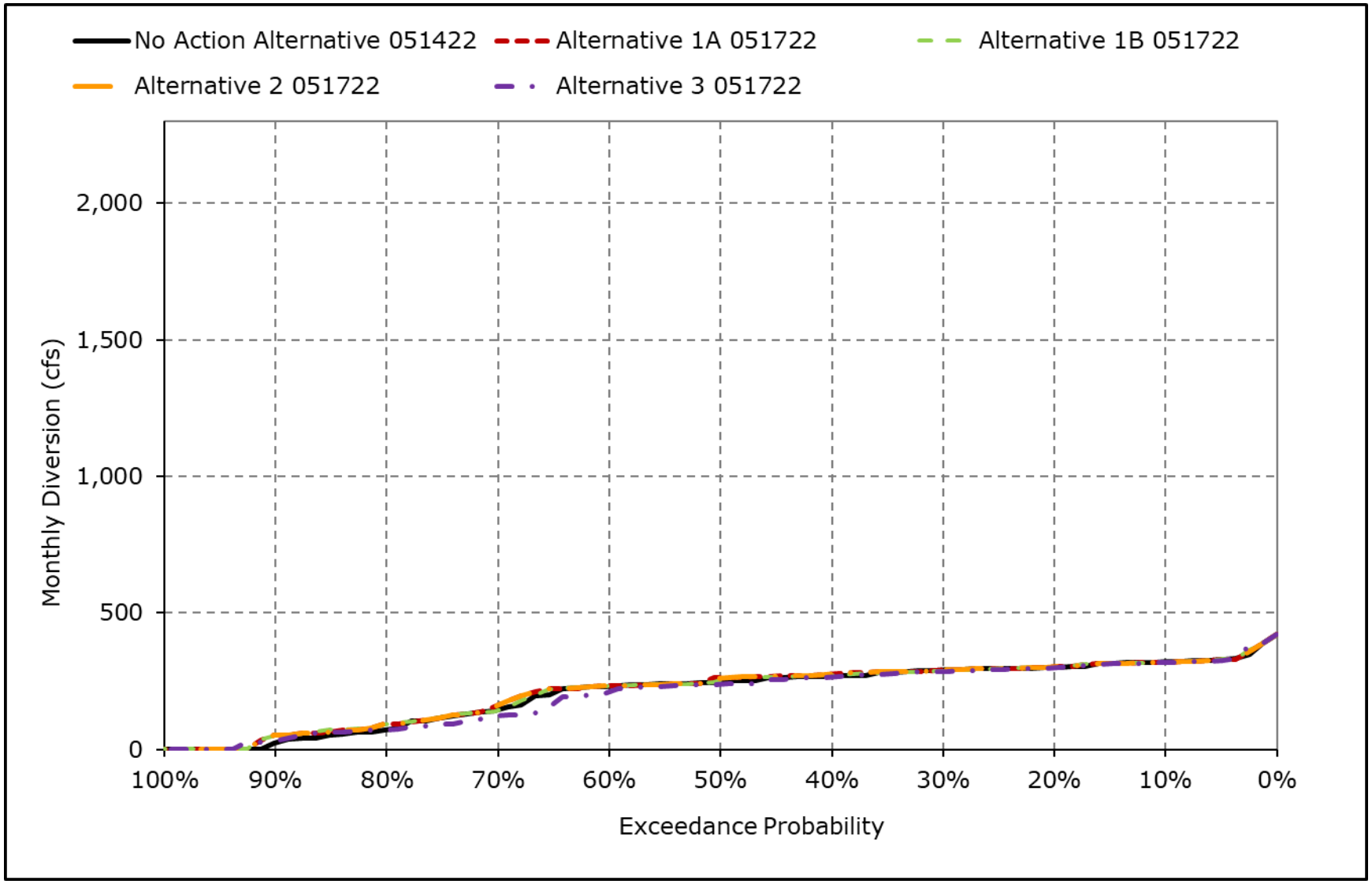
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-17. Red Bluff Diversion - Tehama Colusa Canal, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-3-18. Red Bluff Diversion - Tehama Colusa Canal, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-4-1a. Hamilton City Diversion - Glenn Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	612	788	295	124	68	74	586	2,282	2,699	2,619	2,194	680
20% Exceedance	606	759	280	88	67	61	564	2,238	2,623	2,606	2,174	675
30% Exceedance	600	731	256	81	66	48	533	2,205	2,535	2,600	2,069	670
40% Exceedance	588	686	229	79	66	33	507	2,189	2,473	2,585	2,048	666
50% Exceedance	578	662	207	78	65	25	490	2,166	2,415	2,549	1,986	663
60% Exceedance	560	628	188	77	65	24	470	2,123	2,354	2,536	1,901	646
70% Exceedance	544	587	174	76	64	23	443	2,032	2,307	2,529	1,885	636
80% Exceedance	523	561	171	75	62	21	423	1,969	2,283	2,508	1,833	574
90% Exceedance	457	530	150	58	49	19	347	1,824	2,241	2,315	1,769	542
Full Simulation Period Average[a]	559	655	216	82	62	41	481	2,095	2,434	2,524	1,983	633
Wet Water Years (32%)	578	677	236	80	62	32	439	2,067	2,265	2,577	2,149	668
Above Normal Water Years (15%)	564	662	210	75	56	27	465	2,032	2,353	2,531	1,984	651
Below Normal Water Years (17%)	565	676	205	85	66	44	493	2,141	2,551	2,619	2,020	629
Dry Water Years (22%)	573	644	228	84	63	43	499	2,146	2,655	2,524	1,855	620
Critical Water Years (15%)	488	596	175	91	63	72	546	2,091	2,410	2,291	1,774	563

Table 5C-4-1b. Hamilton City Diversion - Glenn Colusa Canal, Alternative 1A 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	652	795	722	1,225	1,291	856	607	2,299	2,669	2,608	2,195	682
20% Exceedance	608	759	306	505	621	320	585	2,263	2,606	2,602	2,175	674
30% Exceedance	601	731	281	138	117	99	564	2,228	2,519	2,595	2,069	666
40% Exceedance	585	687	261	120	90	73	538	2,200	2,442	2,565	2,035	642
50% Exceedance	564	660	229	91	67	58	514	2,181	2,403	2,535	1,930	582
60% Exceedance	545	608	204	81	66	46	505	2,148	2,349	2,509	1,834	553
70% Exceedance	509	569	177	78	65	30	473	2,048	2,302	2,416	1,759	523
80% Exceedance	437	528	166	76	60	23	443	1,990	2,273	2,204	1,263	401
90% Exceedance	405	483	133	73	28	19	365	1,844	2,201	1,570	1,017	363
Full Simulation Period Average[a]	562	662	339	294	316	230	640	2,131	2,387	2,358	1,777	593
Wet Water Years (32%)	620	671	235	414	457	247	794	2,184	2,277	2,567	2,151	700
Above Normal Water Years (15%)	571	723	361	537	540	559	630	2,041	2,396	2,493	1,922	600
Below Normal Water Years (17%)	655	698	459	176	209	113	619	2,147	2,544	2,599	1,885	710
Dry Water Years (22%)	461	631	487	157	210	161	504	2,146	2,609	2,123	1,318	437
Critical Water Years (15%)	471	588	183	131	69	102	545	2,065	2,104	1,844	1,384	454

Table 5C-4-1c. Hamilton City Diversion - Glenn Colusa Canal, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	41	8	426	1,101	1,223	782	21	17	-30	-11	1	2
20% Exceedance	2	0	26	416	554	259	21	25	-17	-3	2	-1
30% Exceedance	0	1	25	58	51	50	32	23	-16	-5	0	-5
40% Exceedance	-3	0	32	41	24	39	31	11	-31	-20	-12	-23
50% Exceedance	-15	-1	21	13	2	33	25	15	-12	-14	-56	-80
60% Exceedance	-15	-20	15	4	1	22	36	25	-5	-27	-67	-93
70% Exceedance	-34	-18	2	2	2	7	30	16	-6	-114	-126	-113
80% Exceedance	-86	-33	-5	0	-2	2	20	21	-10	-304	-570	-173
90% Exceedance	-52	-47	-17	14	-21	0	18	20	-40	-745	-752	-178
Full Simulation Period Average[a]	3	7	123	211	254	188	159	36	-46	-166	-207	-40
Wet Water Years (32%)	42	-5	-1	334	395	215	355	117	11	-10	2	32
Above Normal Water Years (15%)	6	61	151	462	484	531	165	9	43	-37	-62	-51
Below Normal Water Years (17%)	90	22	253	91	143	70	126	6	-7	-20	-135	81
Dry Water Years (22%)	-112	-13	259	73	148	118	5	0	-46	-401	-537	-183
Critical Water Years (15%)	-17	-7	8	40	5	30	0	-26	-307	-448	-390	-109

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-4-2a. Hamilton City Diversion - Glenn Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	612	788	295	124	68	74	586	2,282	2,699	2,619	2,194	680
20% Exceedance	606	759	280	88	67	61	564	2,238	2,623	2,606	2,174	675
30% Exceedance	600	731	256	81	66	48	533	2,205	2,535	2,600	2,069	670
40% Exceedance	588	686	229	79	66	33	507	2,189	2,473	2,585	2,048	666
50% Exceedance	578	662	207	78	65	25	490	2,166	2,415	2,549	1,986	663
60% Exceedance	560	628	188	77	65	24	470	2,123	2,354	2,536	1,901	646
70% Exceedance	544	587	174	76	64	23	443	2,032	2,307	2,529	1,885	636
80% Exceedance	523	561	171	75	62	21	423	1,969	2,283	2,508	1,833	574
90% Exceedance	457	530	150	58	49	19	347	1,824	2,241	2,315	1,769	542
Full Simulation Period Average[a]	559	655	216	82	62	41	481	2,095	2,434	2,524	1,983	633
Wet Water Years (32%)	578	677	236	80	62	32	439	2,067	2,265	2,577	2,149	668
Above Normal Water Years (15%)	564	662	210	75	56	27	465	2,032	2,353	2,531	1,984	651
Below Normal Water Years (17%)	565	676	205	85	66	44	493	2,141	2,551	2,619	2,020	629
Dry Water Years (22%)	573	644	228	84	63	43	499	2,146	2,655	2,524	1,855	620
Critical Water Years (15%)	488	596	175	91	63	72	546	2,091	2,410	2,291	1,774	563

Table 5C-4-2b. Hamilton City Diversion - Glenn Colusa Canal, Alternative 1B 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	648	796	919	1,249	1,292	862	602	2,270	2,651	2,607	2,197	685
20% Exceedance	610	759	311	629	710	372	575	2,238	2,598	2,602	2,179	675
30% Exceedance	602	737	283	141	122	102	558	2,205	2,521	2,593	2,062	666
40% Exceedance	585	696	267	130	90	74	538	2,187	2,427	2,557	2,035	655
50% Exceedance	570	670	229	99	73	58	509	2,165	2,361	2,530	1,942	630
60% Exceedance	545	625	204	81	67	46	489	2,062	2,316	2,507	1,858	567
70% Exceedance	516	589	178	78	66	31	459	1,997	2,287	2,378	1,767	539
80% Exceedance	444	560	169	76	61	24	438	1,919	2,251	2,204	1,552	463
90% Exceedance	404	492	133	73	28	19	348	1,663	2,130	1,585	1,017	371
Full Simulation Period Average[a]	566	678	353	319	328	247	632	2,056	2,354	2,354	1,816	621
Wet Water Years (32%)	624	691	276	451	491	276	795	2,177	2,273	2,570	2,148	754
Above Normal Water Years (15%)	572	723	365	581	545	613	633	2,035	2,242	2,466	1,959	633
Below Normal Water Years (17%)	655	704	461	218	211	113	610	1,954	2,538	2,589	1,946	723
Dry Water Years (22%)	474	666	487	158	210	162	471	1,982	2,605	2,140	1,425	438
Critical Water Years (15%)	469	592	182	132	69	102	545	2,047	2,053	1,821	1,387	479

Table 5C-4-2c. Hamilton City Diversion - Glenn Colusa Canal, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	37	8	624	1,125	1,224	788	16	-12	-49	-12	3	5
20% Exceedance	4	1	32	541	643	311	11	0	-25	-4	6	0
30% Exceedance	1	7	27	61	55	53	26	0	-14	-7	-7	-4
40% Exceedance	-3	9	38	52	24	40	31	-2	-46	-28	-12	-11
50% Exceedance	-8	8	22	21	7	33	19	-1	-54	-19	-45	-33
60% Exceedance	-15	-3	16	4	2	23	19	-61	-38	-29	-43	-78
70% Exceedance	-28	2	4	2	2	8	16	-36	-20	-152	-118	-98
80% Exceedance	-79	-1	-2	0	-1	3	15	-50	-32	-304	-281	-111
90% Exceedance	-53	-38	-17	14	-21	0	1	-161	-111	-730	-752	-170
Full Simulation Period Average[a]	6	23	137	237	266	206	151	-39	-79	-170	-168	-12
Wet Water Years (32%)	46	14	39	371	429	244	356	110	8	-7	-1	85
Above Normal Water Years (15%)	7	61	155	506	489	586	168	3	-111	-65	-25	-17
Below Normal Water Years (17%)	90	28	255	133	145	69	117	-187	-13	-30	-74	94
Dry Water Years (22%)	-99	23	259	74	148	120	-28	-164	-51	-385	-430	-182
Critical Water Years (15%)	-19	-3	8	41	5	30	-1	-44	-358	-471	-388	-84

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-4-3a. Hamilton City Diversion - Glenn Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	612	788	295	124	68	74	586	2,282	2,699	2,619	2,194	680
20% Exceedance	606	759	280	88	67	61	564	2,238	2,623	2,606	2,174	675
30% Exceedance	600	731	256	81	66	48	533	2,205	2,535	2,600	2,069	670
40% Exceedance	588	686	229	79	66	33	507	2,189	2,473	2,585	2,048	666
50% Exceedance	578	662	207	78	65	25	490	2,166	2,415	2,549	1,986	663
60% Exceedance	560	628	188	77	65	24	470	2,123	2,354	2,536	1,901	646
70% Exceedance	544	587	174	76	64	23	443	2,032	2,307	2,529	1,885	636
80% Exceedance	523	561	171	75	62	21	423	1,969	2,283	2,508	1,833	574
90% Exceedance	457	530	150	58	49	19	347	1,824	2,241	2,315	1,769	542
Full Simulation Period Average[a]	559	655	216	82	62	41	481	2,095	2,434	2,524	1,983	633
Wet Water Years (32%)	578	677	236	80	62	32	439	2,067	2,265	2,577	2,149	668
Above Normal Water Years (15%)	564	662	210	75	56	27	465	2,032	2,353	2,531	1,984	651
Below Normal Water Years (17%)	565	676	205	85	66	44	493	2,141	2,551	2,619	2,020	629
Dry Water Years (22%)	573	644	228	84	63	43	499	2,146	2,655	2,524	1,855	620
Critical Water Years (15%)	488	596	175	91	63	72	546	2,091	2,410	2,291	1,774	563

Table 5C-4-3b. Hamilton City Diversion - Glenn Colusa Canal, Alternative 2 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	652	795	722	1,205	1,278	856	606	2,299	2,670	2,608	2,197	682
20% Exceedance	611	759	306	492	473	176	585	2,263	2,606	2,602	2,175	674
30% Exceedance	601	733	282	138	113	91	564	2,228	2,519	2,595	2,069	664
40% Exceedance	590	691	265	118	90	71	538	2,200	2,441	2,565	2,030	638
50% Exceedance	566	662	230	91	67	54	514	2,181	2,403	2,535	1,930	579
60% Exceedance	544	618	203	81	66	40	504	2,148	2,349	2,509	1,835	549
70% Exceedance	509	573	178	78	65	28	473	2,048	2,302	2,416	1,761	516
80% Exceedance	433	531	169	76	60	23	442	1,989	2,273	2,223	1,350	418
90% Exceedance	399	488	133	73	28	19	365	1,844	2,201	1,579	1,024	368
Full Simulation Period Average[a]	562	665	335	286	285	222	640	2,130	2,388	2,361	1,790	592
Wet Water Years (32%)	620	671	234	394	361	228	793	2,182	2,276	2,567	2,151	700
Above Normal Water Years (15%)	570	724	373	531	539	549	630	2,041	2,396	2,493	1,912	567
Below Normal Water Years (17%)	651	698	458	176	208	110	619	2,147	2,544	2,598	1,885	710
Dry Water Years (22%)	465	645	462	157	210	161	504	2,146	2,612	2,129	1,327	439
Critical Water Years (15%)	468	587	182	131	68	102	545	2,064	2,103	1,851	1,468	475

Table 5C-4-3c. Hamilton City Diversion - Glenn Colusa Canal, Alternative 2 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	41	8	426	1,081	1,210	782	21	17	-29	-11	3	2
20% Exceedance	5	0	26	404	405	115	21	25	-17	-3	2	-1
30% Exceedance	0	2	26	58	47	43	32	23	-16	-5	0	-6
40% Exceedance	2	4	36	39	24	37	31	11	-32	-20	-18	-27
50% Exceedance	-12	1	22	13	2	29	25	15	-12	-14	-56	-84
60% Exceedance	-16	-9	15	4	1	17	34	25	-5	-27	-66	-97
70% Exceedance	-34	-15	4	2	2	5	30	16	-6	-114	-123	-121
80% Exceedance	-89	-29	-2	0	-2	2	19	20	-10	-285	-483	-156
90% Exceedance	-58	-42	-17	14	-21	0	18	20	-40	-736	-745	-173
Full Simulation Period Average[a]	2	10	119	204	223	180	159	35	-46	-163	-194	-41
Wet Water Years (32%)	42	-5	-2	314	299	197	354	115	11	-10	2	32
Above Normal Water Years (15%)	5	61	164	456	483	521	165	9	43	-38	-71	-83
Below Normal Water Years (17%)	86	22	253	91	143	66	126	6	-7	-20	-135	81
Dry Water Years (22%)	-108	2	234	73	148	118	5	0	-43	-395	-528	-181
Critical Water Years (15%)	-20	-9	7	40	5	30	0	-26	-307	-440	-307	-88

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-4-4a. Hamilton City Diversion - Glenn Colusa Canal, No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	612	788	295	124	68	74	586	2,282	2,699	2,619	2,194	680
20% Exceedance	606	759	280	88	67	61	564	2,238	2,623	2,606	2,174	675
30% Exceedance	600	731	256	81	66	48	533	2,205	2,535	2,600	2,069	670
40% Exceedance	588	686	229	79	66	33	507	2,189	2,473	2,585	2,048	666
50% Exceedance	578	662	207	78	65	25	490	2,166	2,415	2,549	1,986	663
60% Exceedance	560	628	188	77	65	24	470	2,123	2,354	2,536	1,901	646
70% Exceedance	544	587	174	76	64	23	443	2,032	2,307	2,529	1,885	636
80% Exceedance	523	561	171	75	62	21	423	1,969	2,283	2,508	1,833	574
90% Exceedance	457	530	150	58	49	19	347	1,824	2,241	2,315	1,769	542
Full Simulation Period Average[a]	559	655	216	82	62	41	481	2,095	2,434	2,524	1,983	633
Wet Water Years (32%)	578	677	236	80	62	32	439	2,067	2,265	2,577	2,149	668
Above Normal Water Years (15%)	564	662	210	75	56	27	465	2,032	2,353	2,531	1,984	651
Below Normal Water Years (17%)	565	676	205	85	66	44	493	2,141	2,551	2,619	2,020	629
Dry Water Years (22%)	573	644	228	84	63	43	499	2,146	2,655	2,524	1,855	620
Critical Water Years (15%)	488	596	175	91	63	72	546	2,091	2,410	2,291	1,774	563

Table 5C-4-4b. Hamilton City Diversion - Glenn Colusa Canal, Alternative 3 051722, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	654	798	1,111	1,256	1,332	1,321	609	2,265	2,582	2,606	2,197	684
20% Exceedance	618	758	318	682	1,227	651	575	2,229	2,466	2,595	2,175	674
30% Exceedance	605	731	286	143	176	117	557	2,188	2,350	2,539	2,057	667
40% Exceedance	594	699	271	134	104	79	530	2,173	2,309	2,503	1,969	647
50% Exceedance	575	677	238	103	78	69	507	2,121	2,282	2,345	1,863	618
60% Exceedance	555	641	207	81	67	54	485	2,002	2,245	2,264	1,769	558
70% Exceedance	534	588	187	77	66	37	462	1,934	2,108	1,592	1,757	533
80% Exceedance	449	557	172	76	62	25	426	1,779	1,748	1,525	1,142	415
90% Exceedance	410	503	135	65	28	19	343	1,317	1,604	1,466	1,036	374
Full Simulation Period Average[a]	583	682	376	350	392	297	649	1,994	2,160	2,130	1,763	616
Wet Water Years (32%)	624	691	272	528	644	360	862	2,178	2,273	2,570	2,148	753
Above Normal Water Years (15%)	648	716	548	622	648	631	634	2,030	2,020	1,564	1,522	558
Below Normal Water Years (17%)	645	707	496	221	217	206	614	1,901	2,096	2,245	1,798	700
Dry Water Years (22%)	506	687	449	157	211	186	469	1,848	2,195	2,013	1,442	454
Critical Water Years (15%)	472	590	182	131	68	101	518	1,890	2,077	1,787	1,610	521

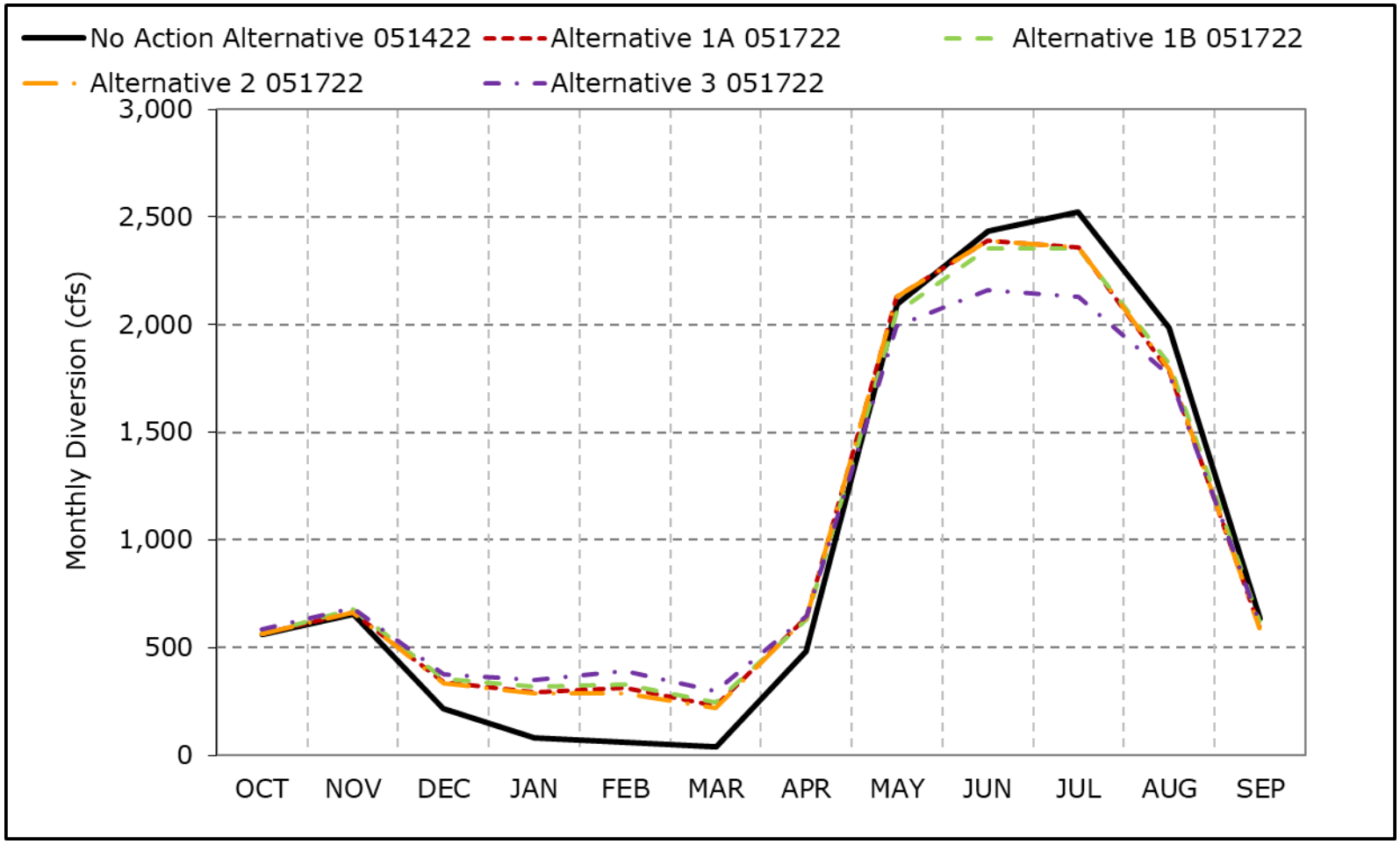
Table 5C-4-4c. Hamilton City Diversion - Glenn Colusa Canal, Alternative 3 051722 minus No Action Alternative 051422, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	10	815	1,132	1,264	1,247	24	-17	-117	-13	3	4
20% Exceedance	13	0	38	594	1,160	590	11	-10	-157	-11	2	-1
30% Exceedance	5	1	30	62	110	68	24	-17	-186	-61	-12	-3
40% Exceedance	6	12	42	55	38	46	23	-15	-163	-83	-79	-19
50% Exceedance	-4	15	30	25	13	44	18	-45	-133	-204	-123	-44
60% Exceedance	-4	13	19	4	2	30	16	-121	-109	-272	-132	-88
70% Exceedance	-9	0	13	1	2	14	19	-98	-199	-938	-128	-104
80% Exceedance	-74	-4	1	0	0	4	3	-190	-535	-983	-691	-159
90% Exceedance	-47	-28	-15	7	-21	0	-4	-508	-637	-848	-733	-168
Full Simulation Period Average[a]	24	26	160	267	330	256	169	-101	-274	-394	-221	-17
Wet Water Years (32%)	46	14	36	448	581	328	423	111	7	-7	-1	85
Above Normal Water Years (15%)	84	54	338	548	593	603	169	-2	-333	-966	-462	-92
Below Normal Water Years (17%)	80	31	291	136	151	162	121	-240	-455	-374	-222	71
Dry Water Years (22%)	-67	43	221	74	149	143	-31	-298	-460	-512	-413	-166
Critical Water Years (15%)	-16	-5	7	39	5	29	-28	-201	-333	-504	-164	-43

[a] Based on the 82-year simulation period.

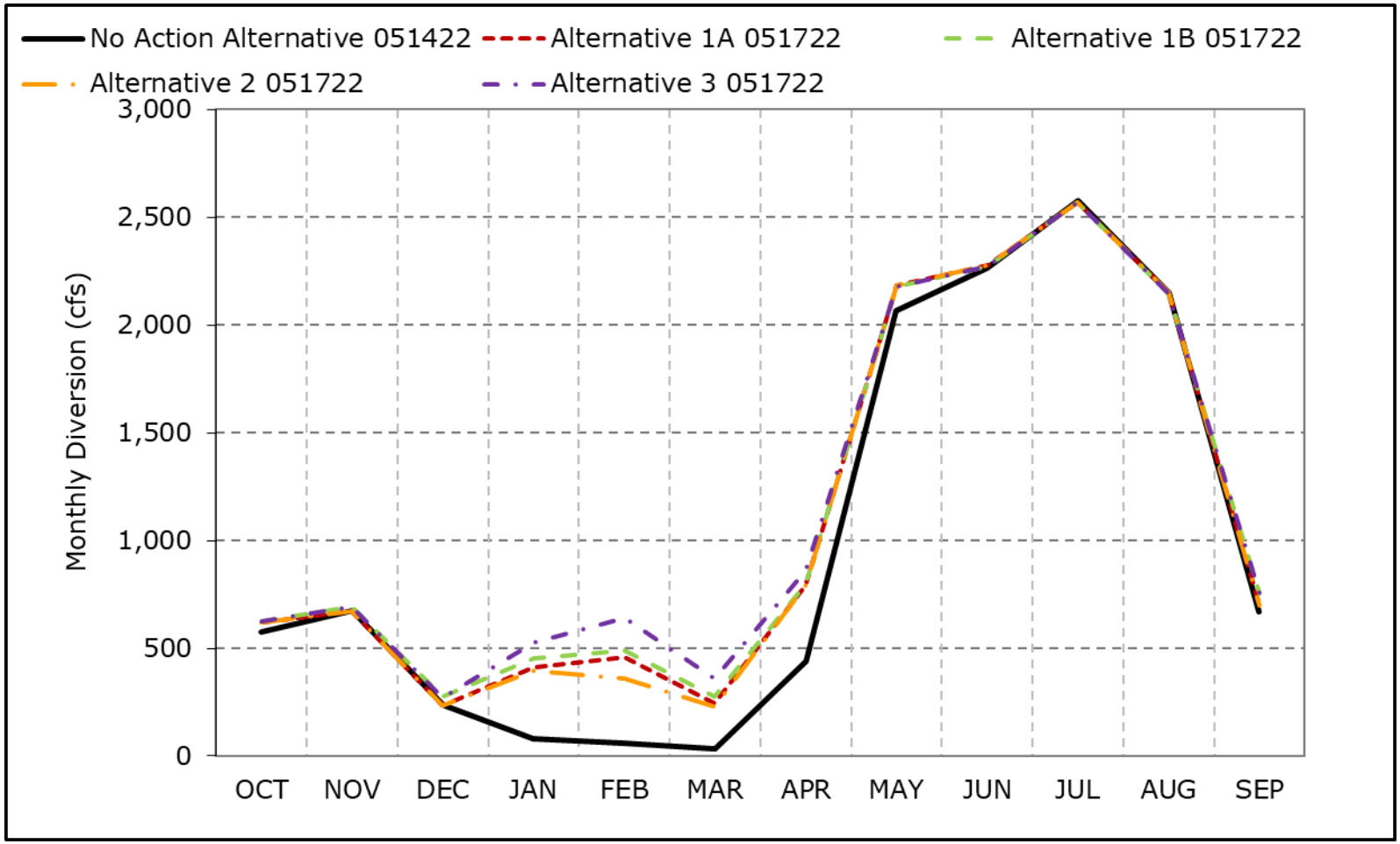
* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-1. Hamilton City Diversion - Glenn Colusa Canal, Long-Term Average Diversion



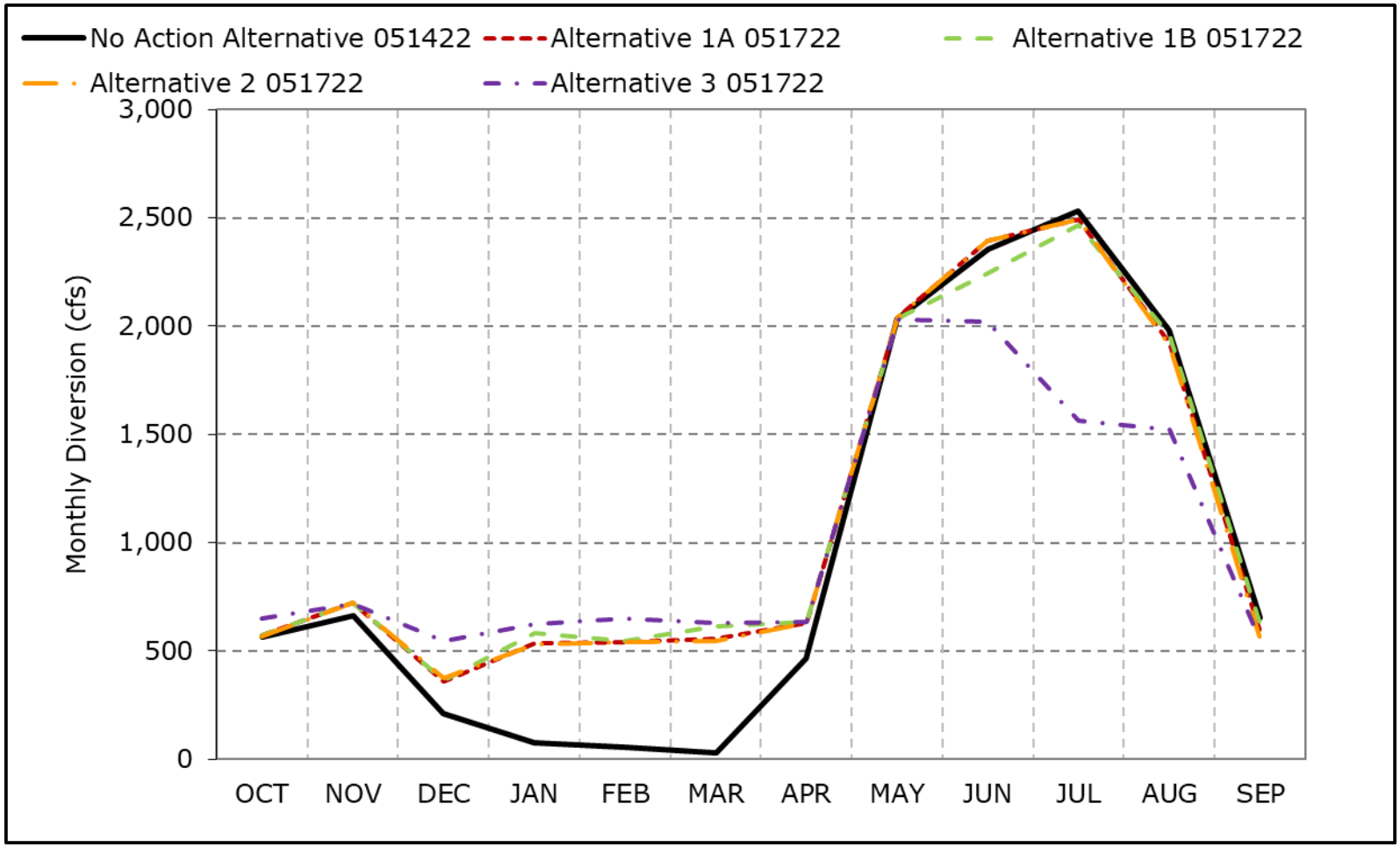
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-2. Hamilton City Diversion - Glenn Colusa Canal, Wet Year Average Diversion



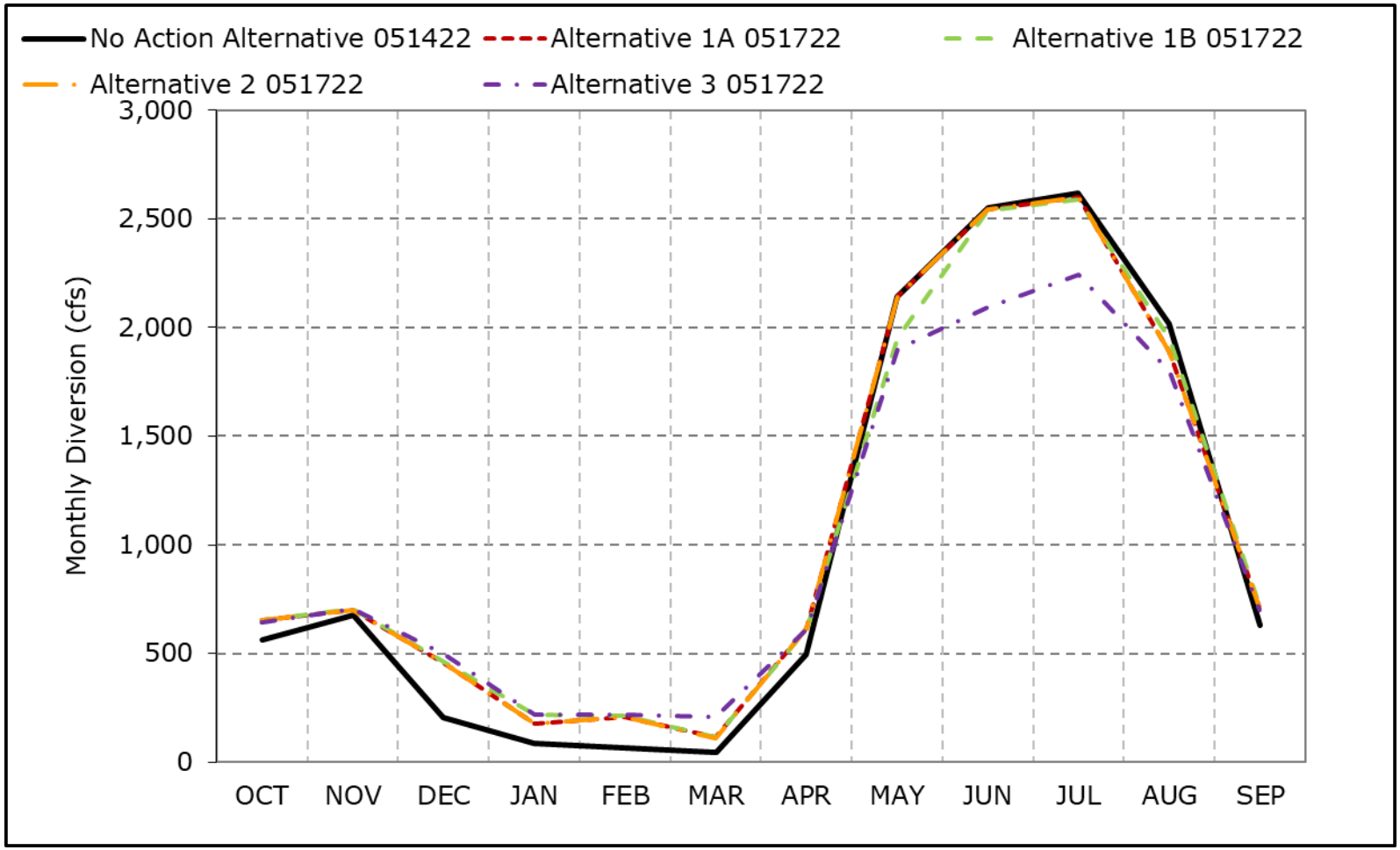
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-3. Hamilton City Diversion - Glenn Colusa Canal, Above Normal Year Average Diversion



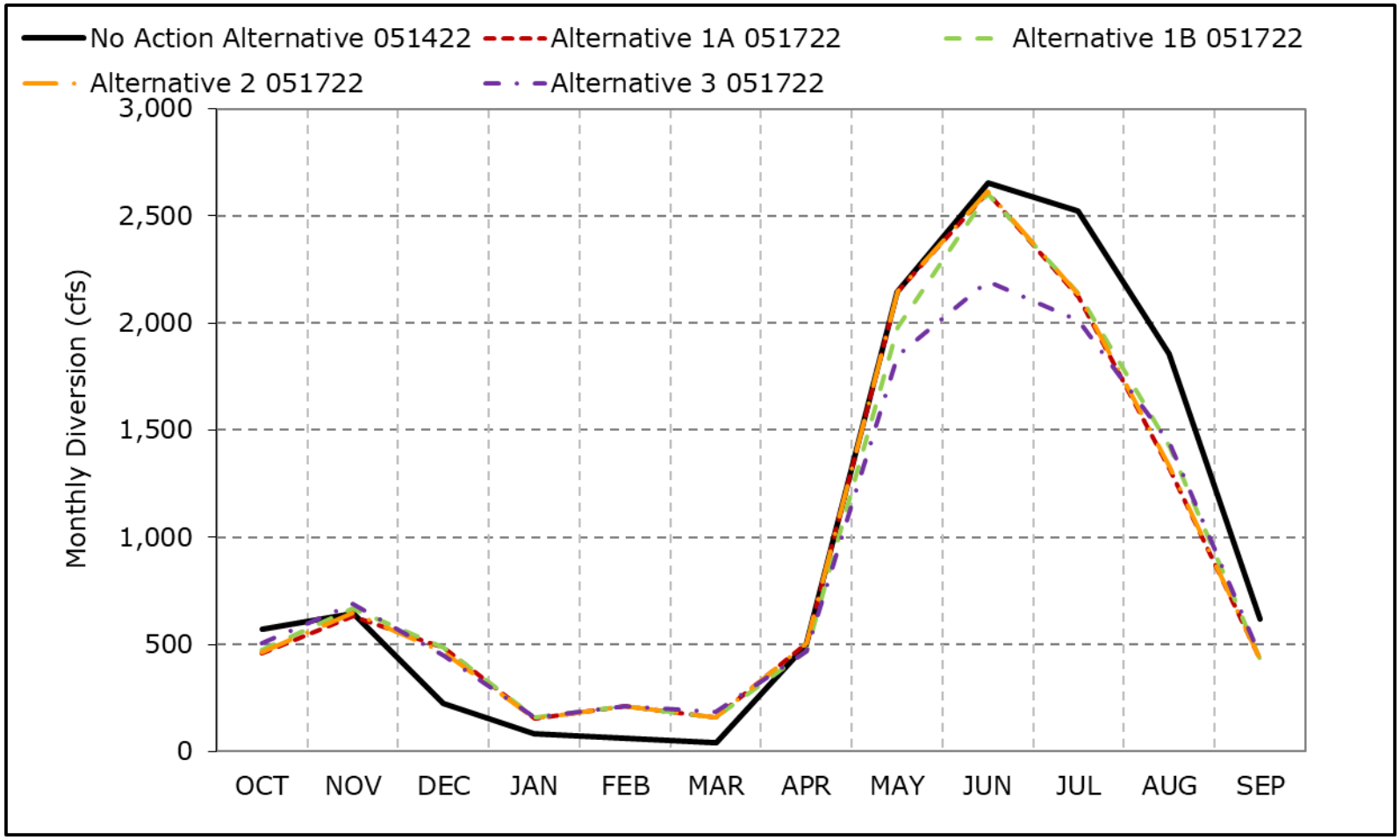
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-4. Hamilton City Diversion - Glenn Colusa Canal, Below Normal Year Average Diversion



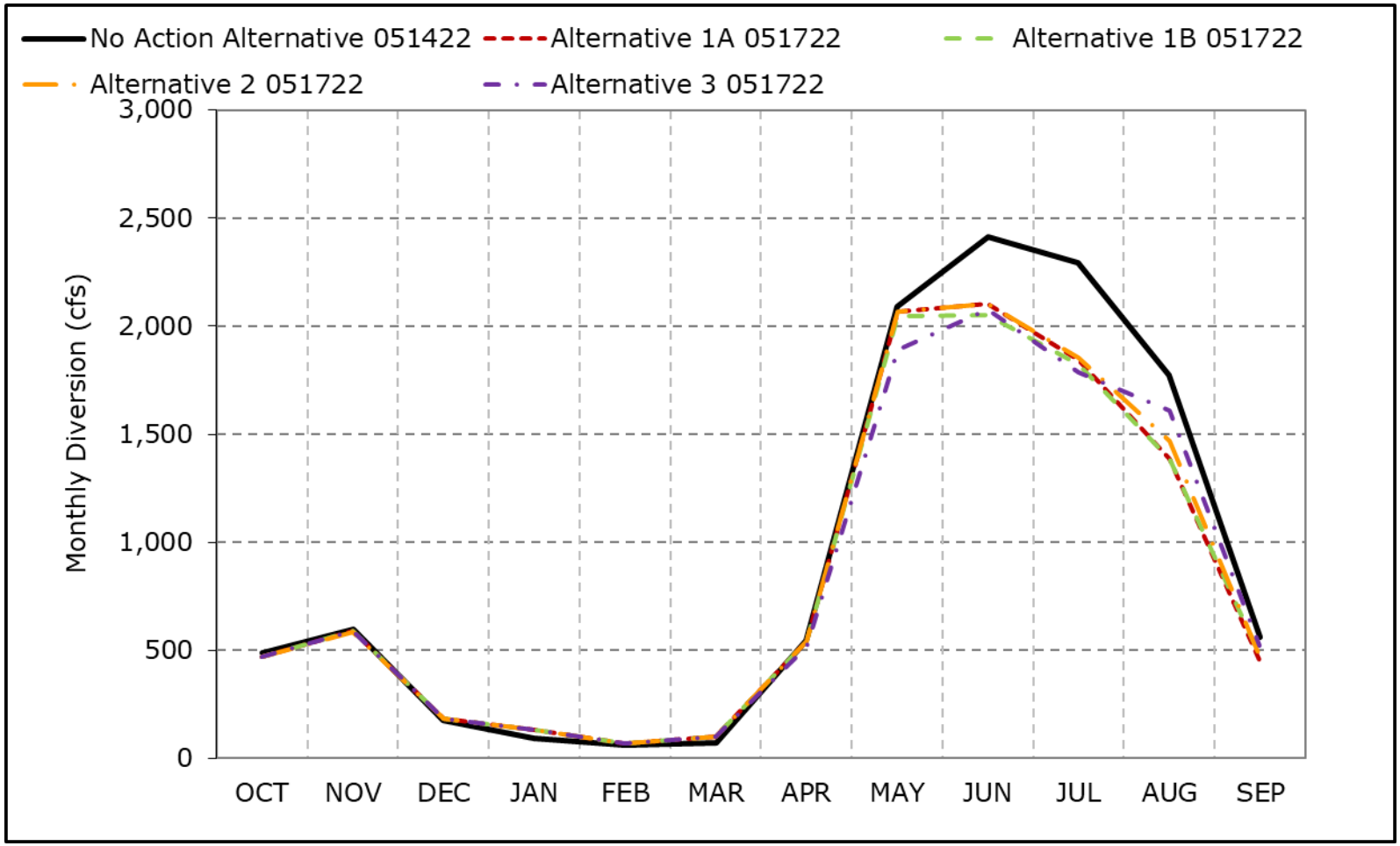
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-5. Hamilton City Diversion - Glenn Colusa Canal, Dry Year Average Diversion



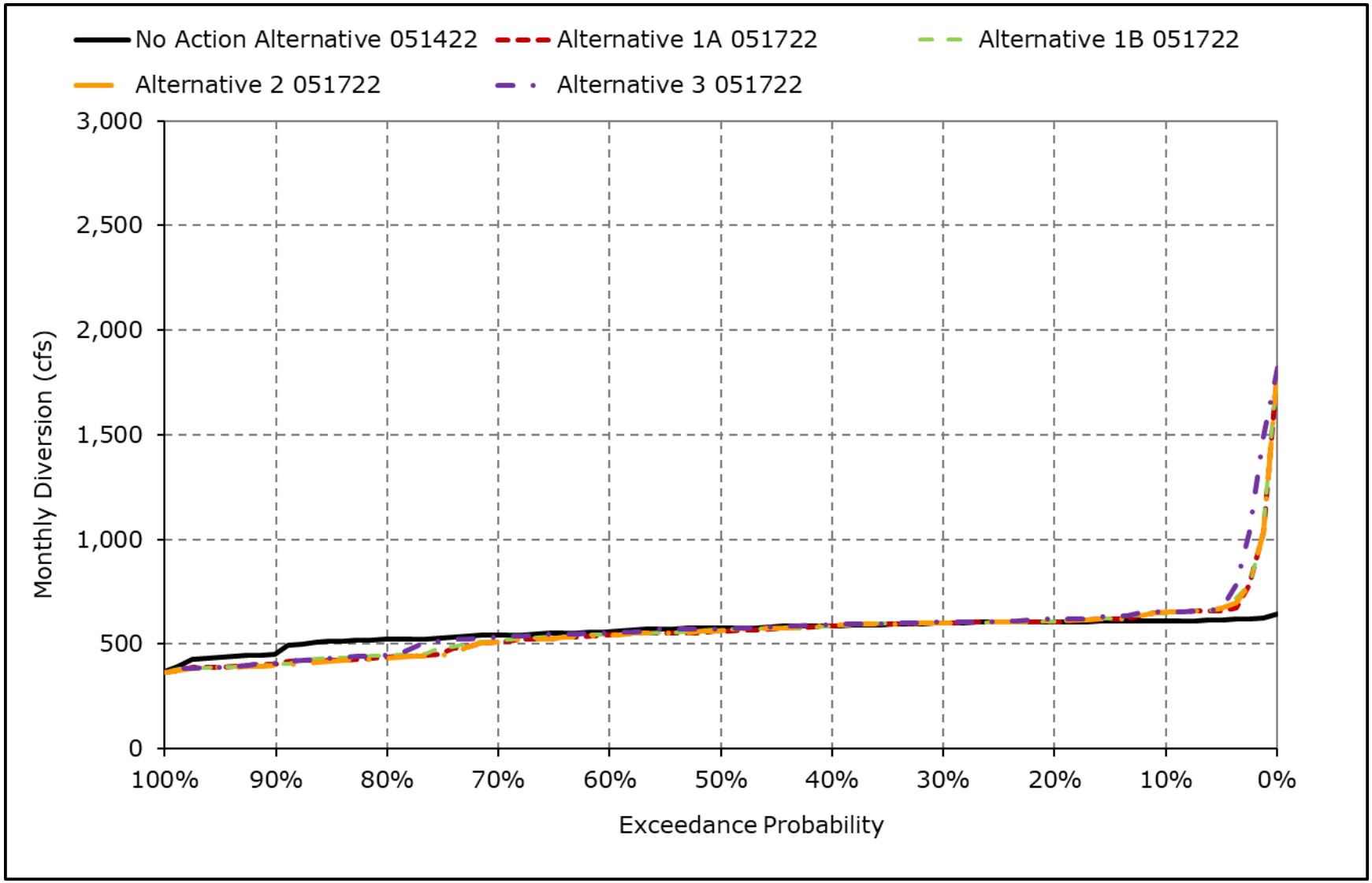
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-6. Hamilton City Diversion - Glenn Colusa Canal, Critical Year Average Diversion



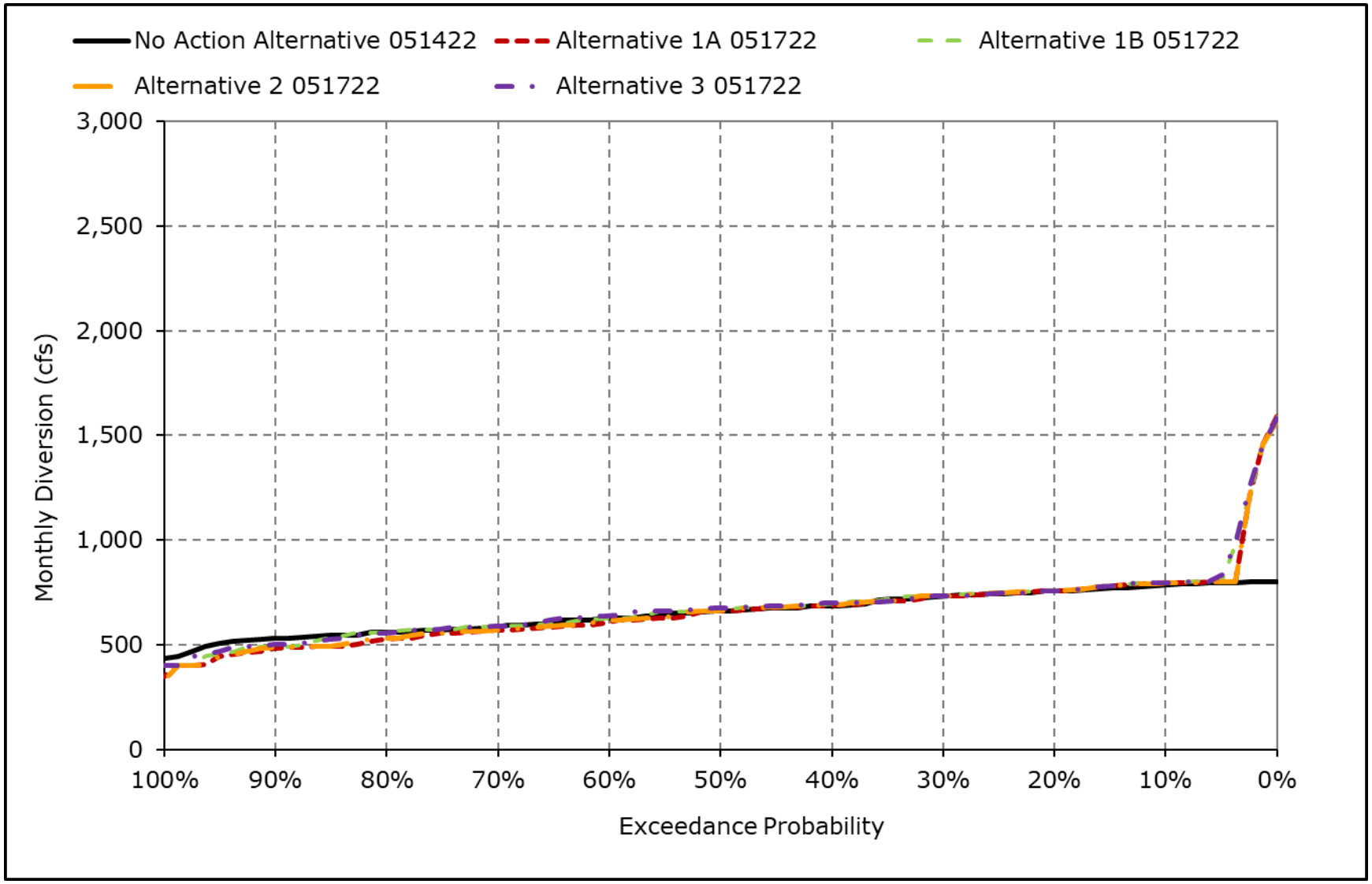
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-7. Hamilton City Diversion - Glenn Colusa Canal, October



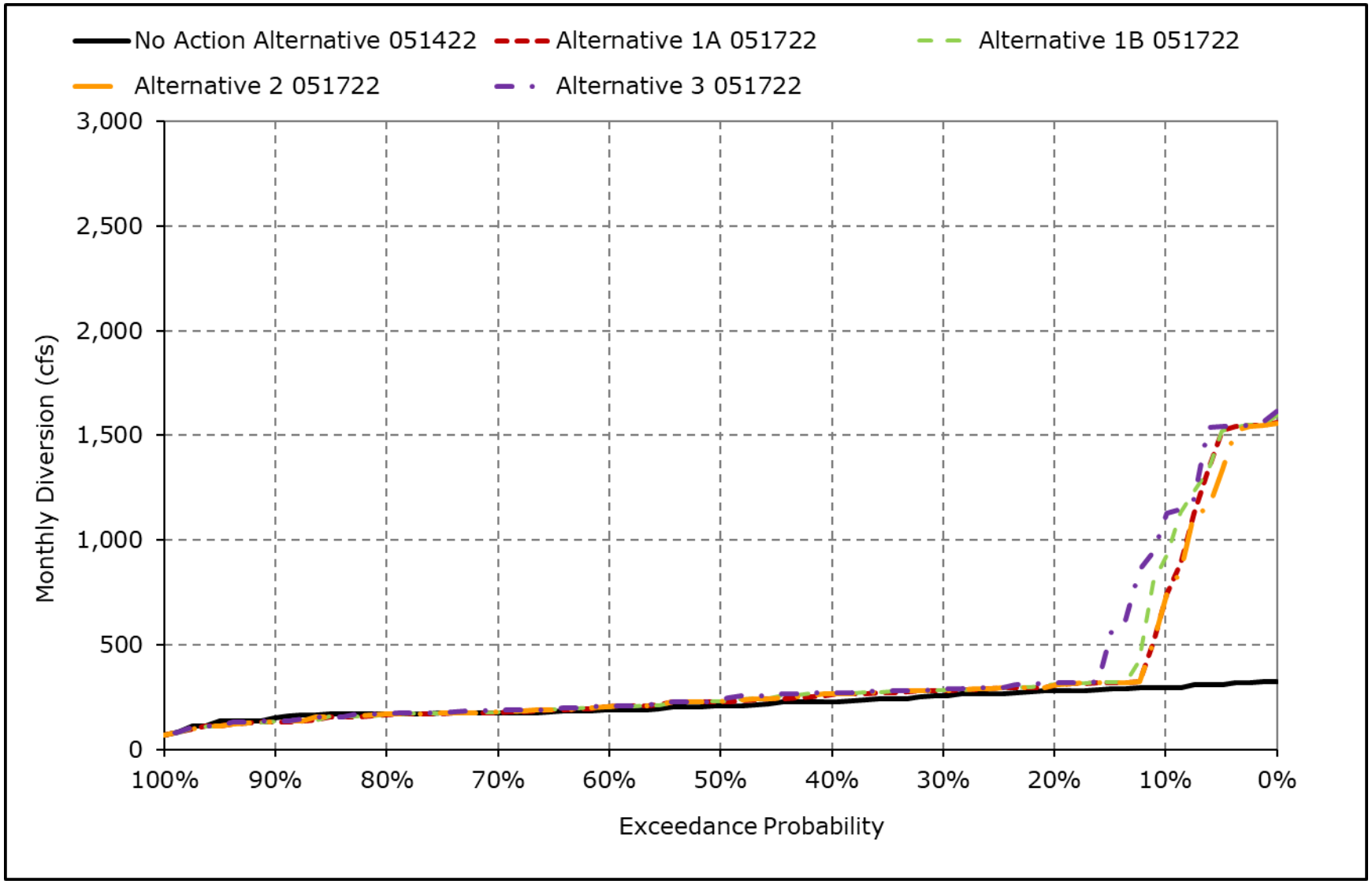
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-8. Hamilton City Diversion - Glenn Colusa Canal, November



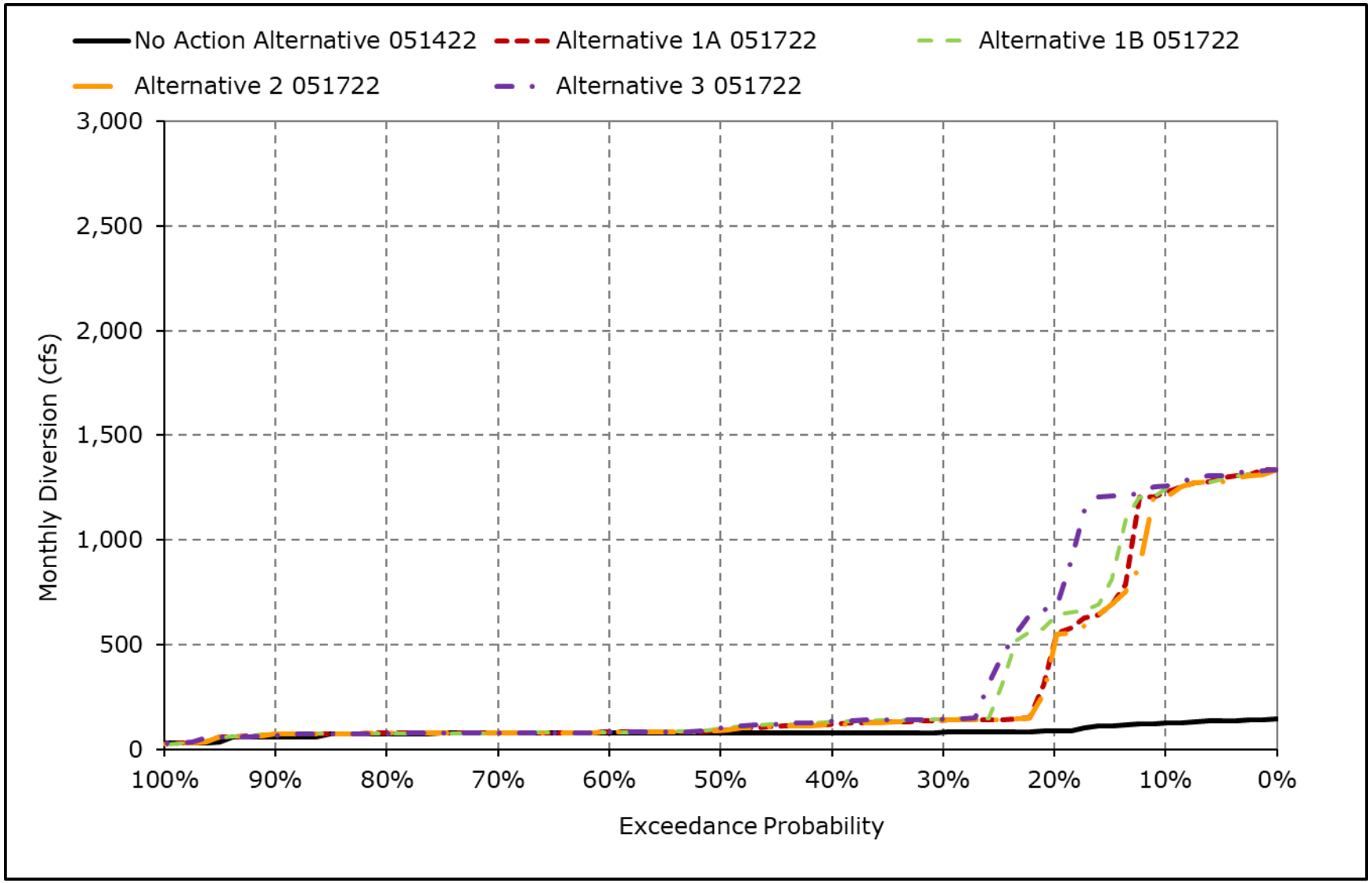
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-9. Hamilton City Diversion - Glenn Colusa Canal, December



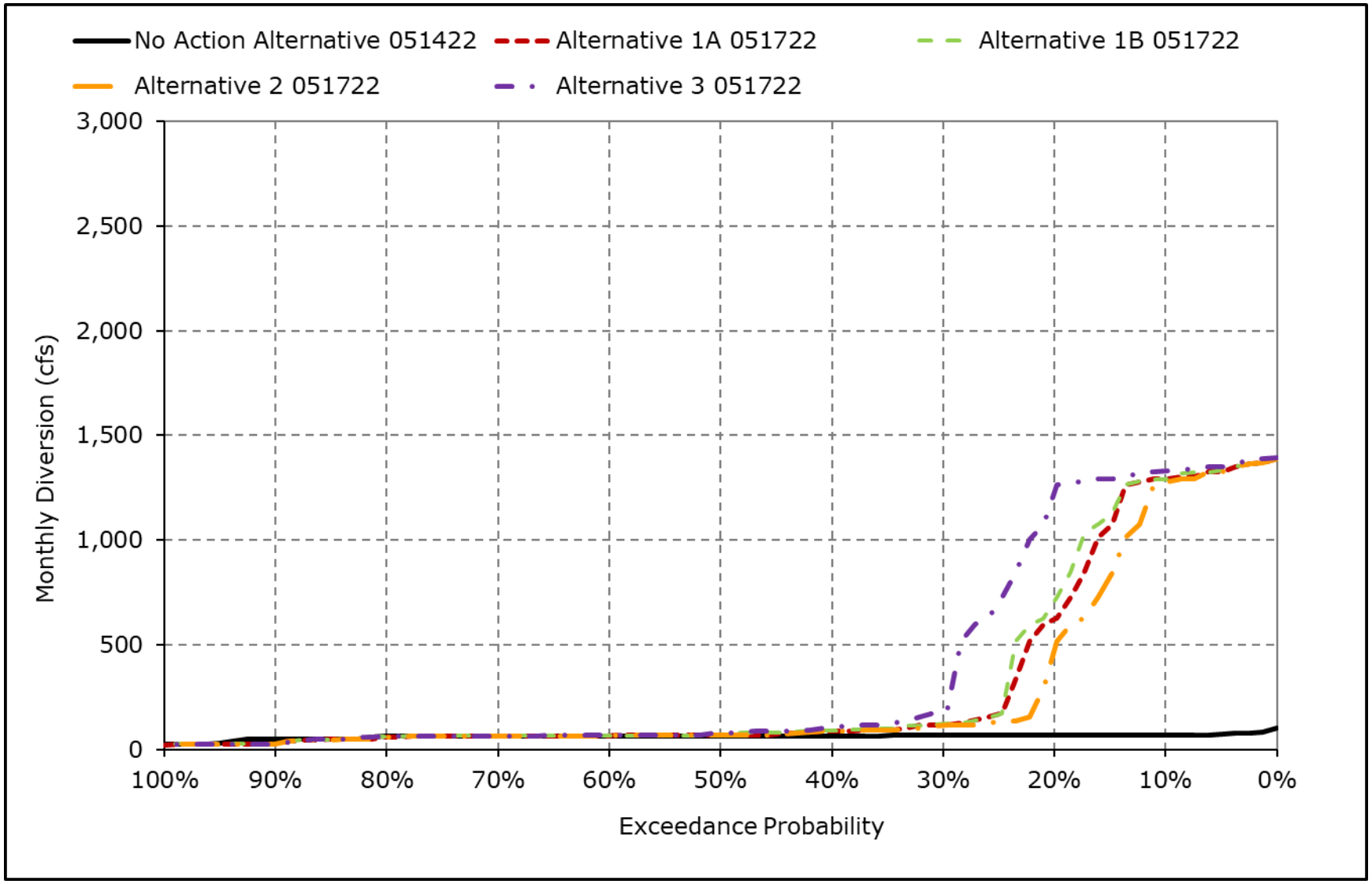
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-10. Hamilton City Diversion - Glenn Colusa Canal, January



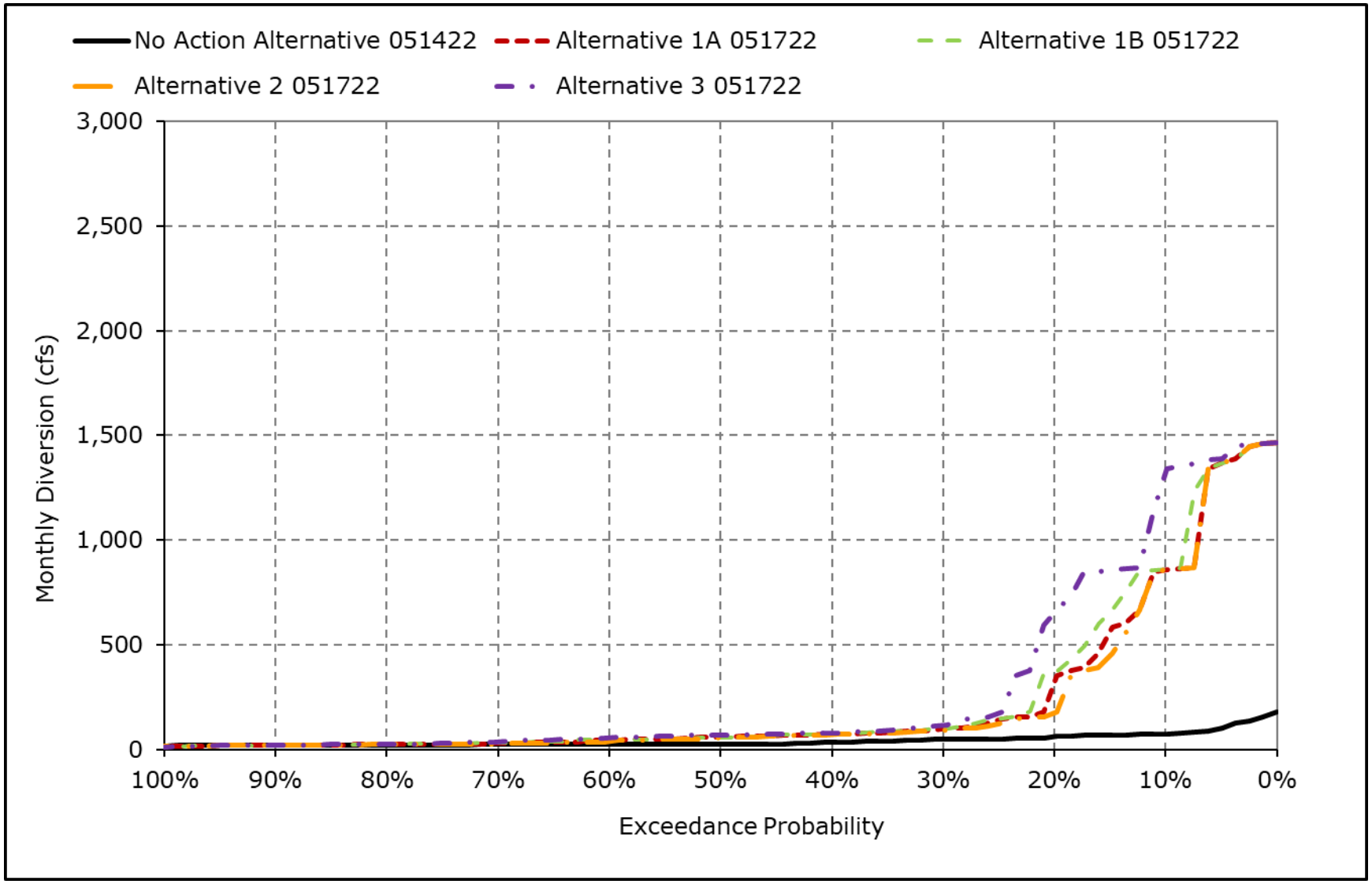
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-11. Hamilton City Diversion - Glenn Colusa Canal, February



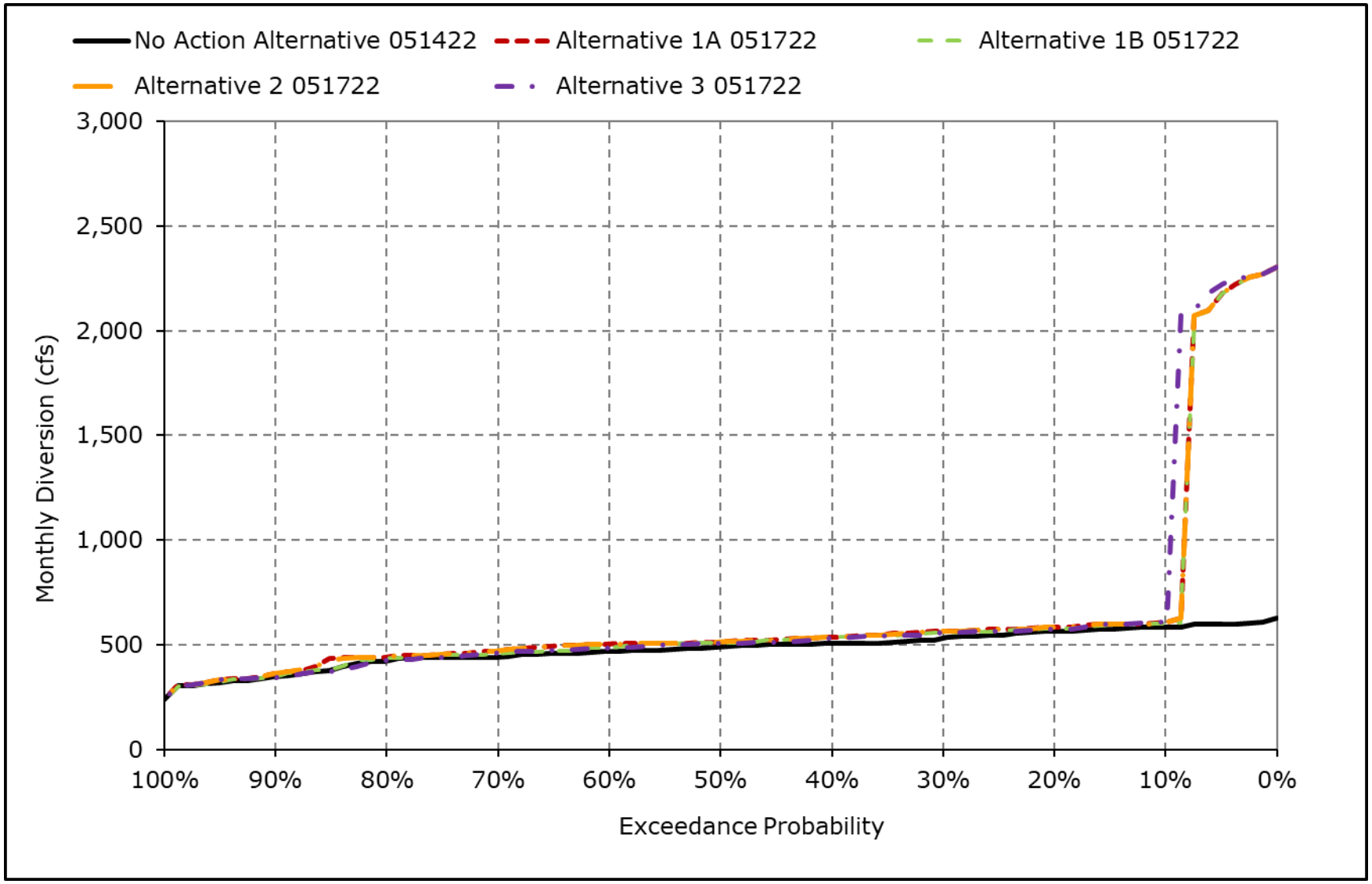
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-12. Hamilton City Diversion - Glenn Colusa Canal, March



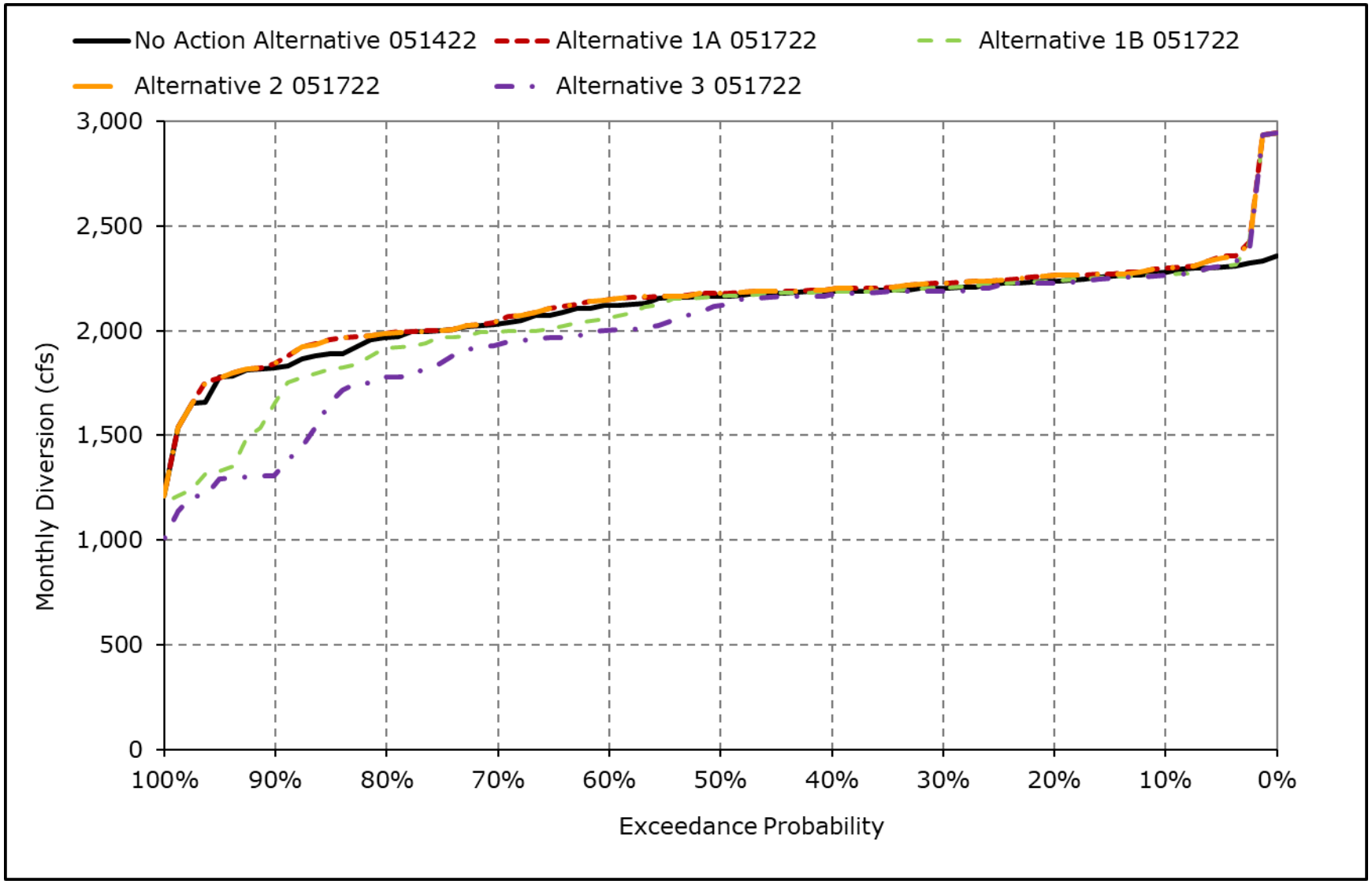
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-13. Hamilton City Diversion - Glenn Colusa Canal, April



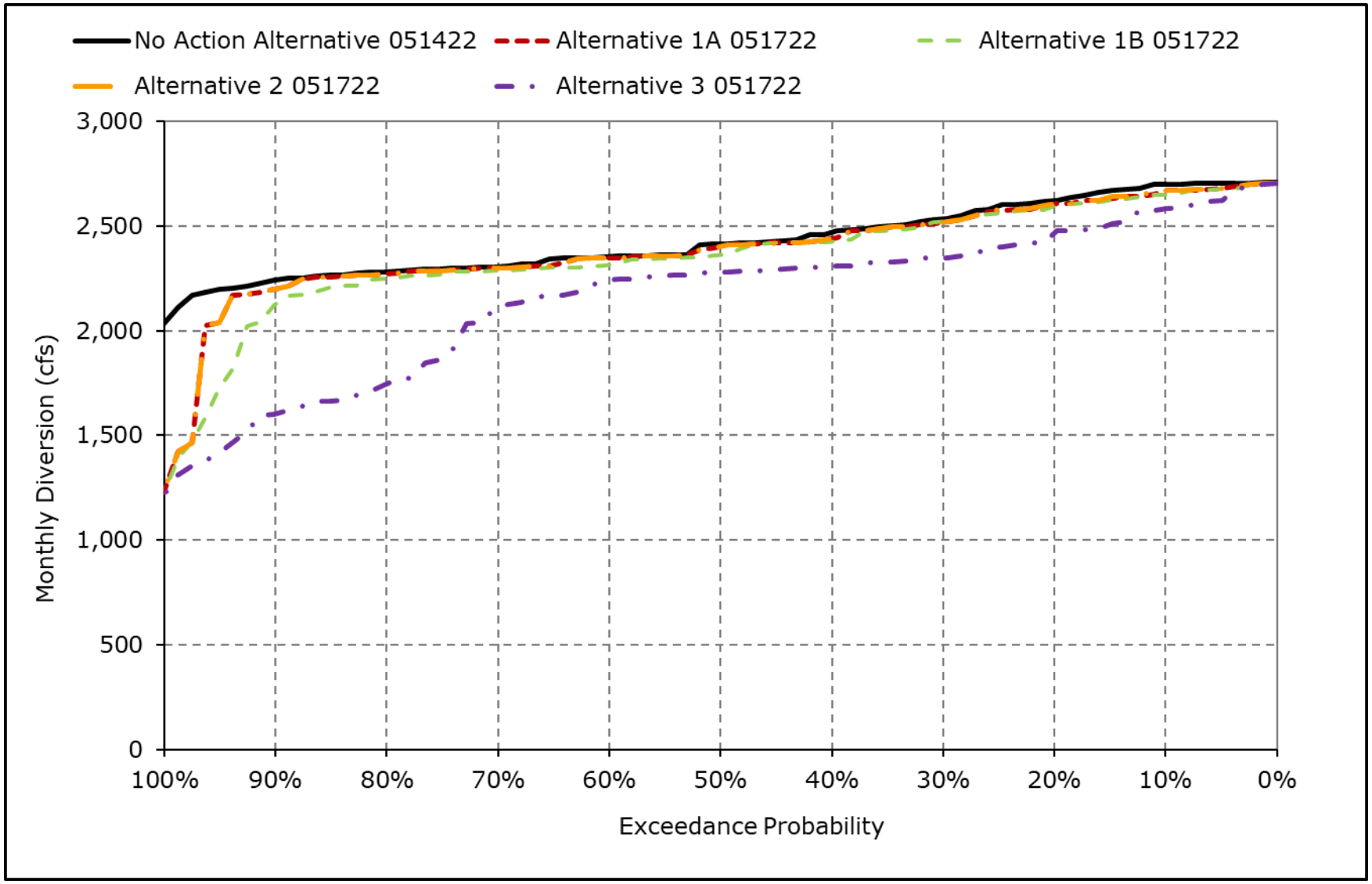
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-14. Hamilton City Diversion - Glenn Colusa Canal, May



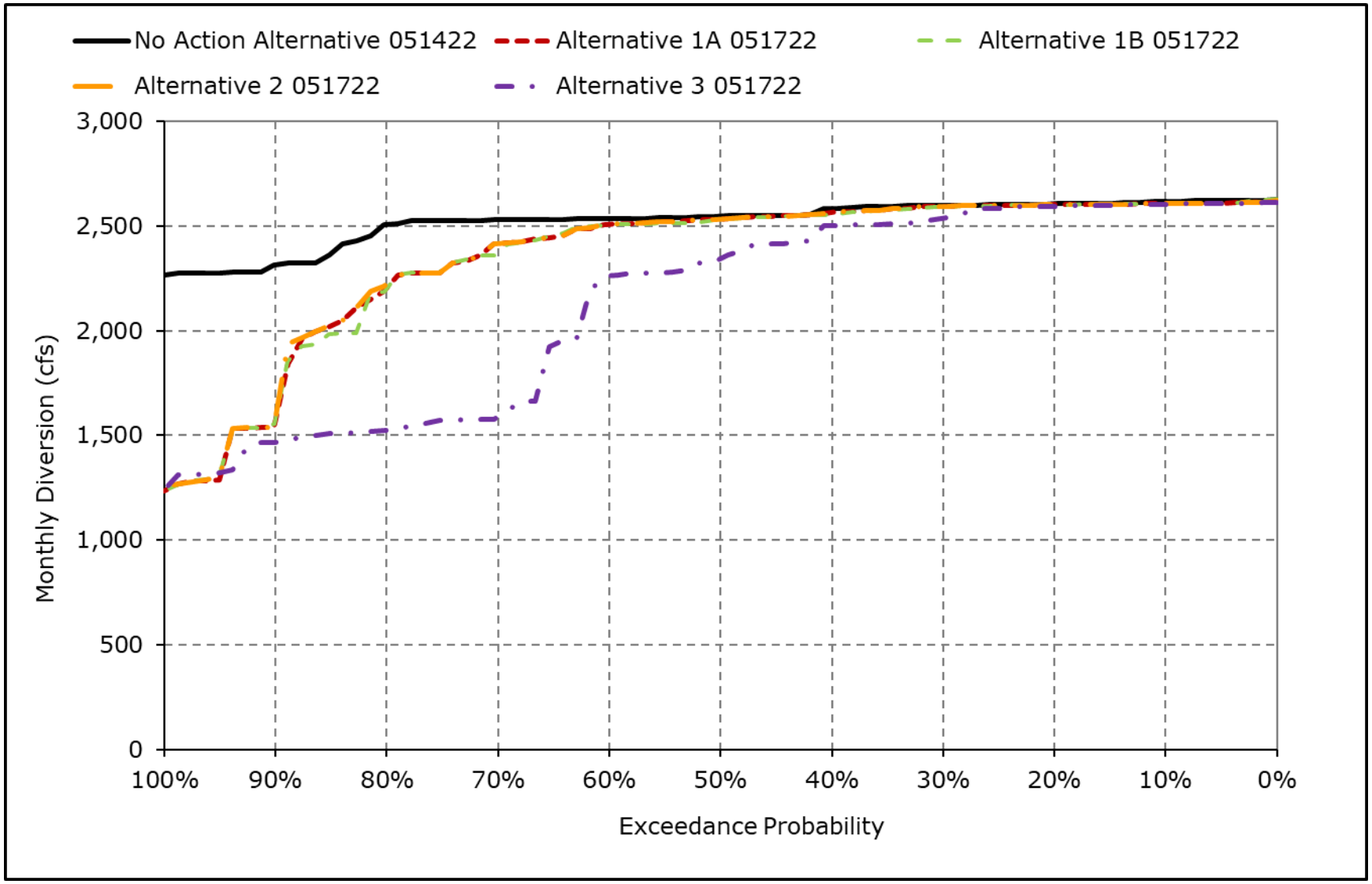
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-15. Hamilton City Diversion - Glenn Colusa Canal, June



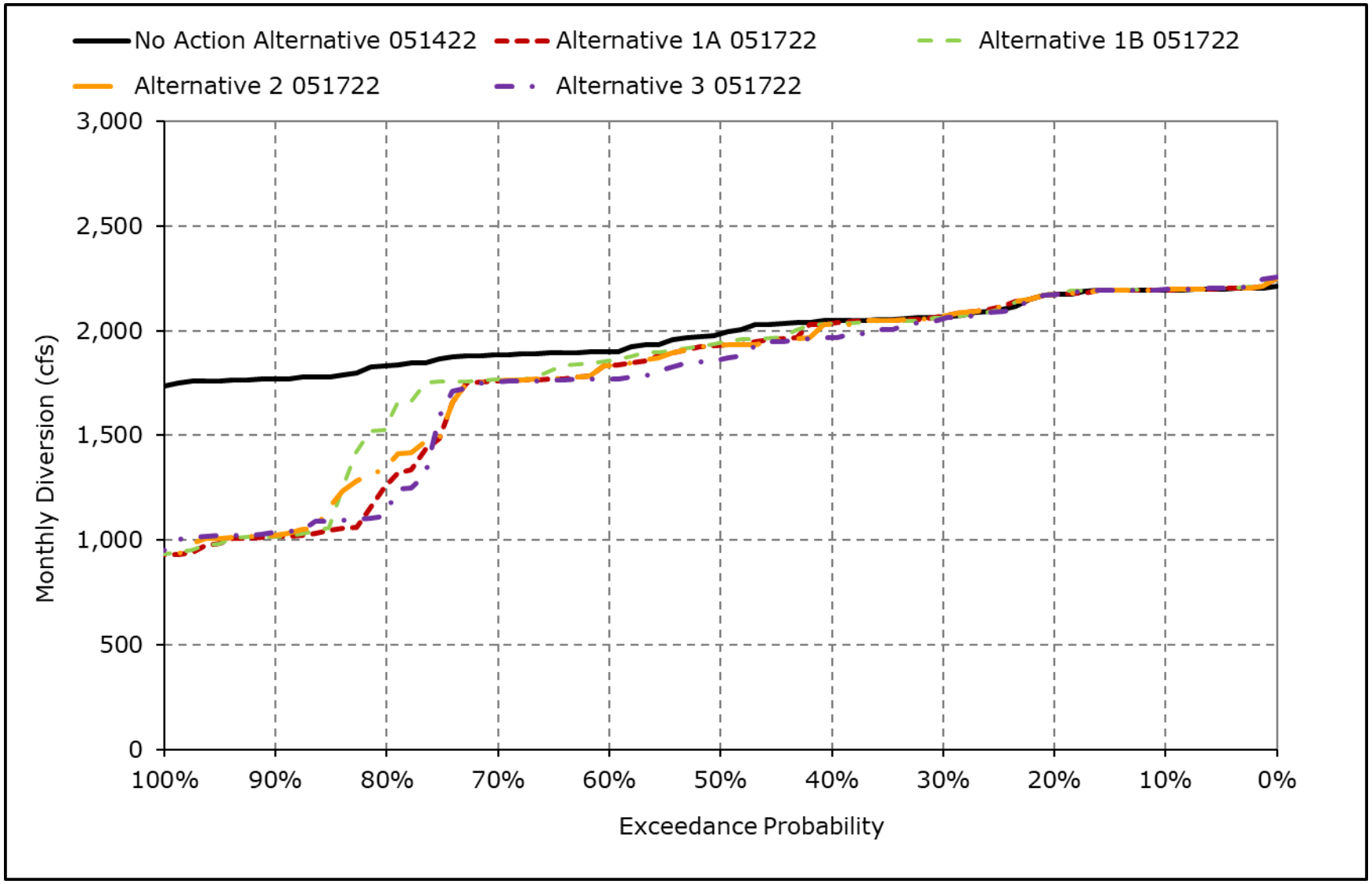
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-16. Hamilton City Diversion - Glenn Colusa Canal, July



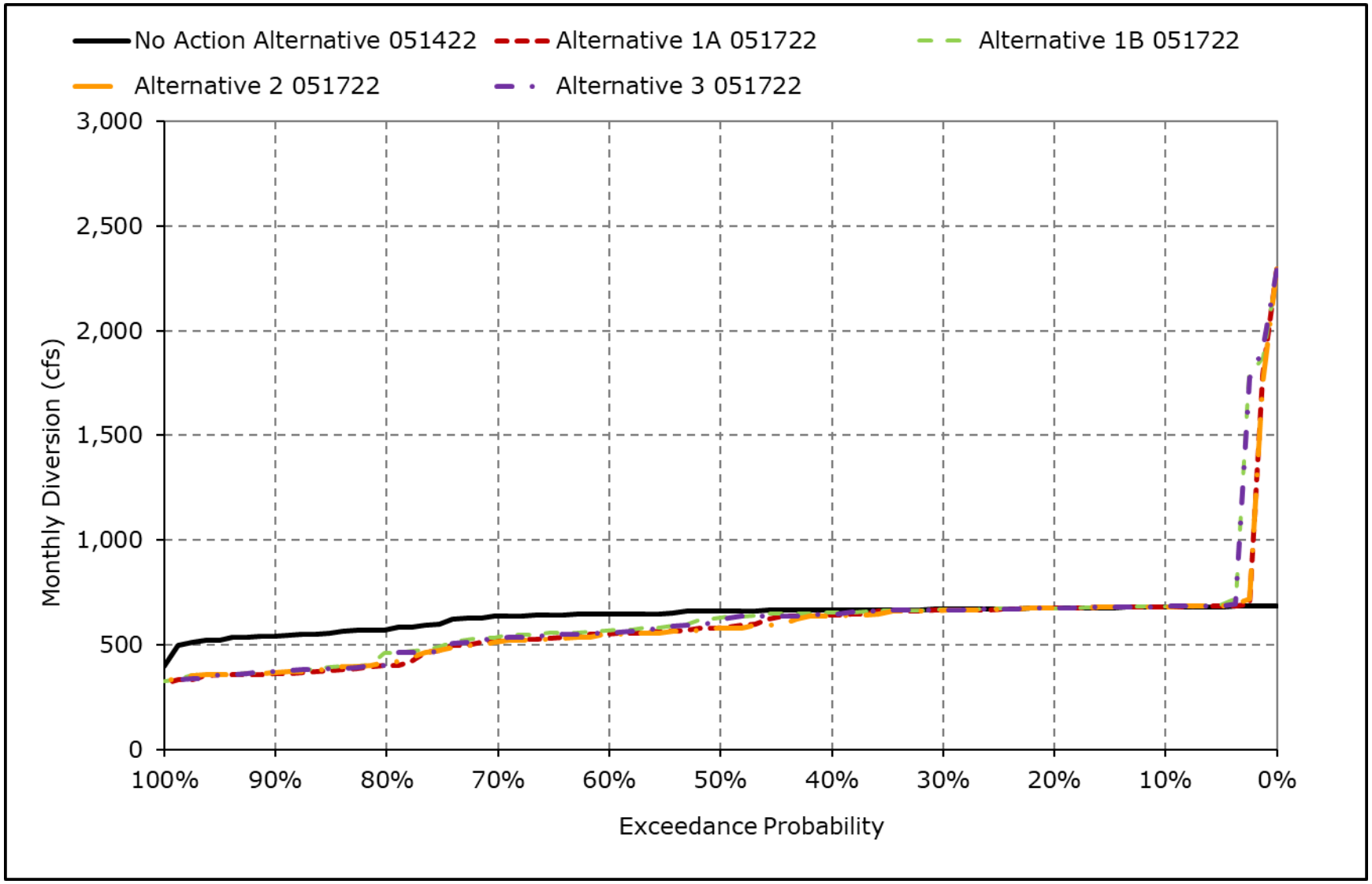
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-17. Hamilton City Diversion - Glenn Colusa Canal, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-4-18. Hamilton City Diversion - Glenn Colusa Canal, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-5-1a. Ord Ferry Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	10	251	892	301	0	0	0	0	0	0
20% Exceedance	0	0	0	7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	103	264	473	202	17	0	0	0	0	0
Wet Water Years (32%)	0	0	38	805	1,341	580	44	0	0	0	0	0
Above Normal Water Years (15%)	0	0	13	61	323	124	19	0	0	0	0	0
Below Normal Water Years (17%)	0	0	189	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	257	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-1b. Ord Ferry Spill, Alternative 1A 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	205	636	237	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	96	247	443	186	16	0	0	0	0	0
Wet Water Years (32%)	0	0	38	760	1,264	543	43	0	0	0	0	0
Above Normal Water Years (15%)	0	0	7	38	285	97	15	0	0	0	0	0
Below Normal Water Years (17%)	0	0	175	0	2	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	243	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-1c. Ord Ferry Spill, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-10	-47	-257	-64	0	0	0	0	0	0
20% Exceedance	0	0	0	-7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-7	-18	-30	-16	-1	0	0	0	0	0
Wet Water Years (32%)	0	0	0	-45	-77	-37	0	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-6	-23	-39	-28	-5	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-14	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-15	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-5-2a. Ord Ferry Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	10	251	892	301	0	0	0	0	0	0
20% Exceedance	0	0	0	7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	103	264	473	202	17	0	0	0	0	0
Wet Water Years (32%)	0	0	38	805	1,341	580	44	0	0	0	0	0
Above Normal Water Years (15%)	0	0	13	61	323	124	19	0	0	0	0	0
Below Normal Water Years (17%)	0	0	189	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	257	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-2b. Ord Ferry Spill, Alternative 1B 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	216	601	237	0	0	0	0	0	0
20% Exceedance	0	0	0	0	11	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	93	251	445	186	16	0	0	0	0	0
Wet Water Years (32%)	0	0	38	773	1,272	542	43	0	0	0	0	0
Above Normal Water Years (15%)	0	0	7	38	287	97	15	0	0	0	0	0
Below Normal Water Years (17%)	0	0	175	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	227	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-2c. Ord Ferry Spill, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-10	-35	-291	-64	0	0	0	0	0	0
20% Exceedance	0	0	0	-7	11	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-10	-14	-27	-16	-1	0	0	0	0	0
Wet Water Years (32%)	0	0	0	-32	-69	-37	0	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-6	-23	-36	-28	-5	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-14	0	0	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-30	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-5-3a. Ord Ferry Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	10	251	892	301	0	0	0	0	0	0
20% Exceedance	0	0	0	7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	103	264	473	202	17	0	0	0	0	0
Wet Water Years (32%)	0	0	38	805	1,341	580	44	0	0	0	0	0
Above Normal Water Years (15%)	0	0	13	61	323	124	19	0	0	0	0	0
Below Normal Water Years (17%)	0	0	189	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	257	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-3b. Ord Ferry Spill, Alternative 2 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	204	747	237	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	96	247	445	187	16	0	0	0	0	0
Wet Water Years (32%)	0	0	38	762	1,270	544	43	0	0	0	0	0
Above Normal Water Years (15%)	0	0	7	38	285	97	15	0	0	0	0	0
Below Normal Water Years (17%)	0	0	175	0	2	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	243	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-3c. Ord Ferry Spill, Alternative 2 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-10	-47	-145	-64	0	0	0	0	0	0
20% Exceedance	0	0	0	-7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-6	-17	-28	-15	-1	0	0	0	0	0
Wet Water Years (32%)	0	0	0	-42	-71	-36	0	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-6	-23	-38	-28	-5	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-14	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-14	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-5-4a. Ord Ferry Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	10	251	892	301	0	0	0	0	0	0
20% Exceedance	0	0	0	7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	103	264	473	202	17	0	0	0	0	0
Wet Water Years (32%)	0	0	38	805	1,341	580	44	0	0	0	0	0
Above Normal Water Years (15%)	0	0	13	61	323	124	19	0	0	0	0	0
Below Normal Water Years (17%)	0	0	189	0	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	257	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-4b. Ord Ferry Spill, Alternative 3 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	213	604	237	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	95	251	435	184	16	0	0	0	0	0
Wet Water Years (32%)	0	0	37	775	1,238	536	43	0	0	0	0	0
Above Normal Water Years (15%)	0	0	7	38	289	97	15	0	0	0	0	0
Below Normal Water Years (17%)	0	0	175	0	0	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	237	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-5-4c. Ord Ferry Spill, Alternative 3 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-10	-39	-289	-64	0	0	0	0	0	0
20% Exceedance	0	0	0	-7	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-8	-13	-38	-18	-1	0	0	0	0	0
Wet Water Years (32%)	0	0	-1	-30	-103	-44	0	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-6	-23	-35	-28	-5	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-14	0	-1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-20	0	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

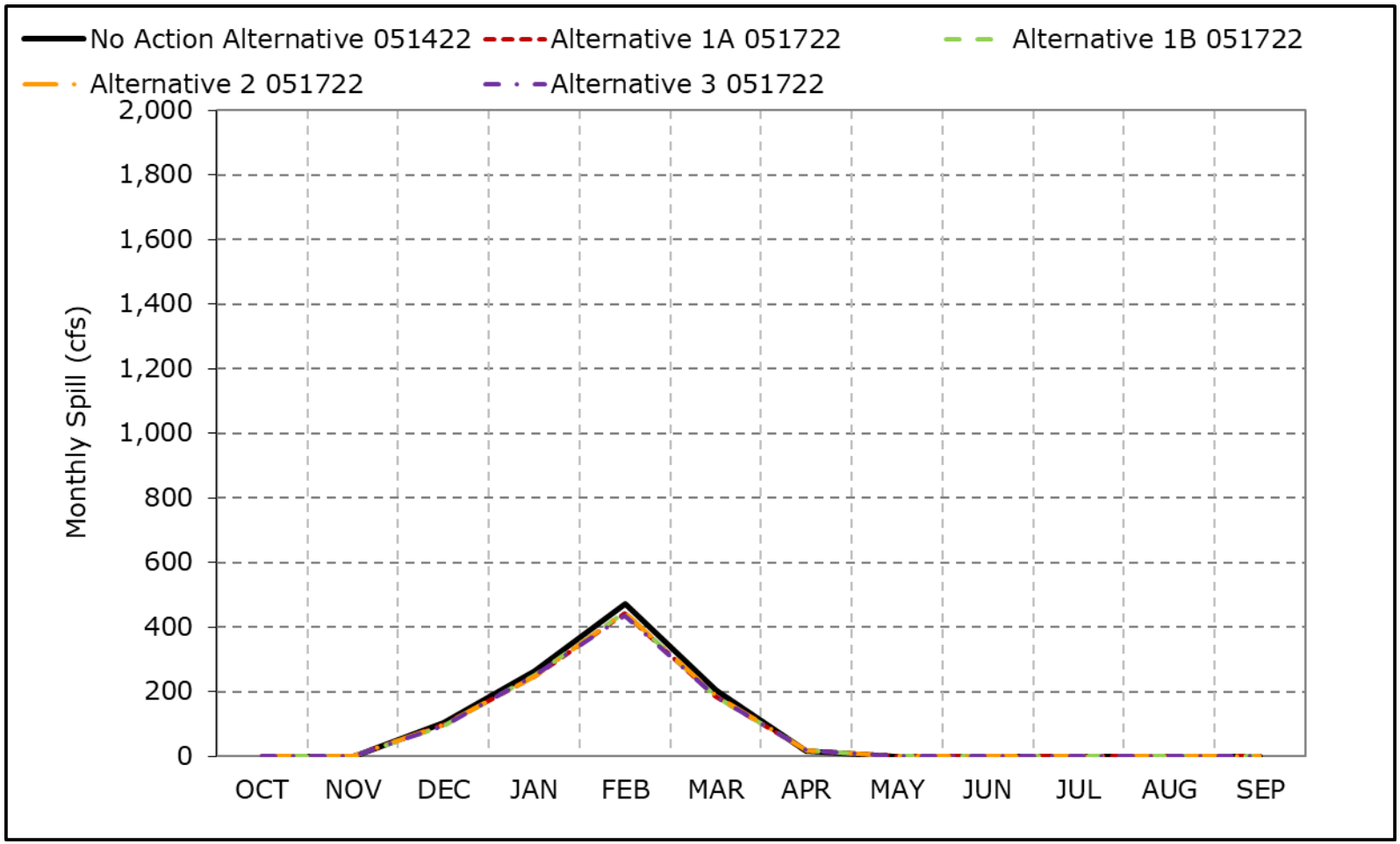
[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

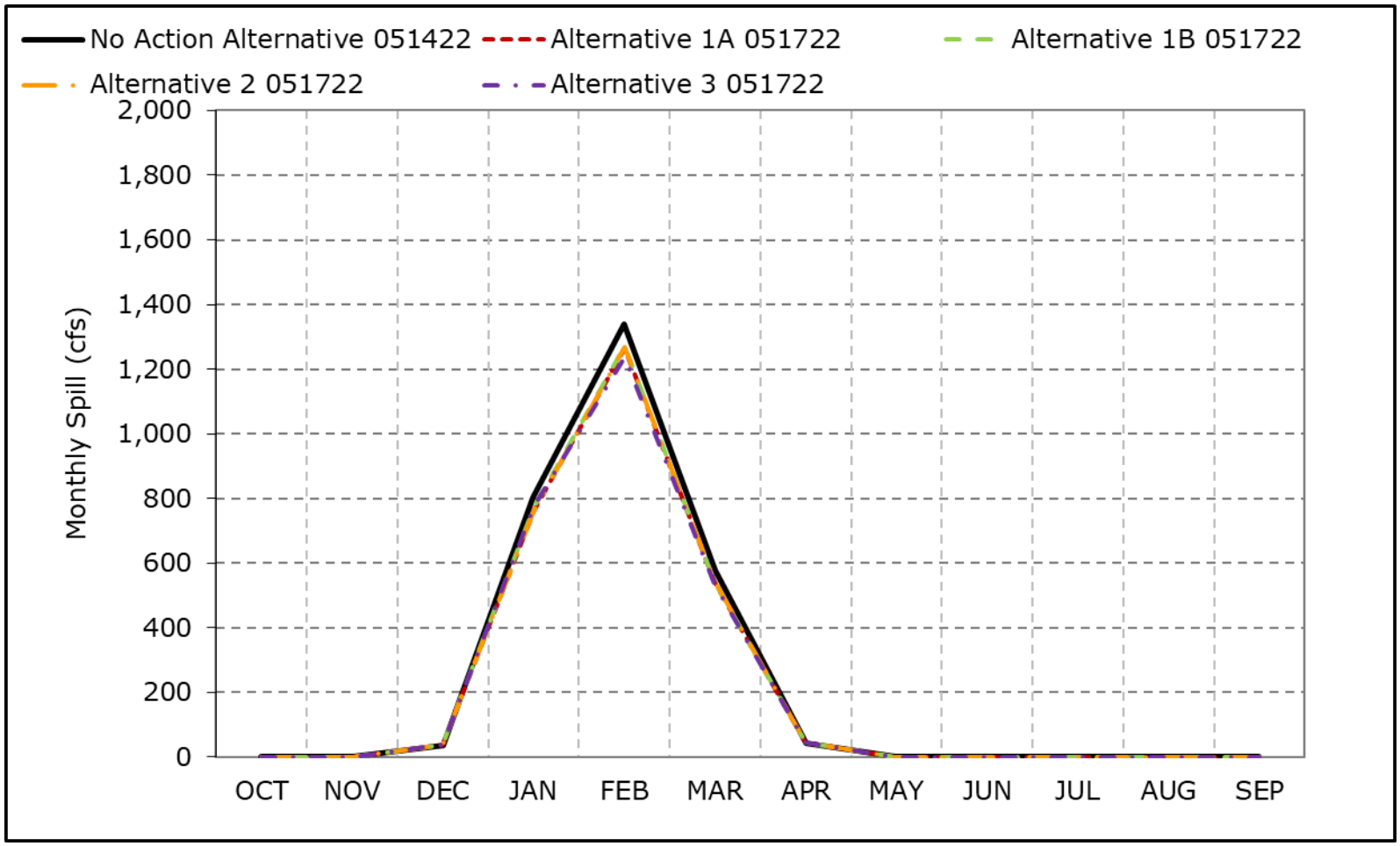
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-1. Ord Ferry Spill, Long-Term Average Spill



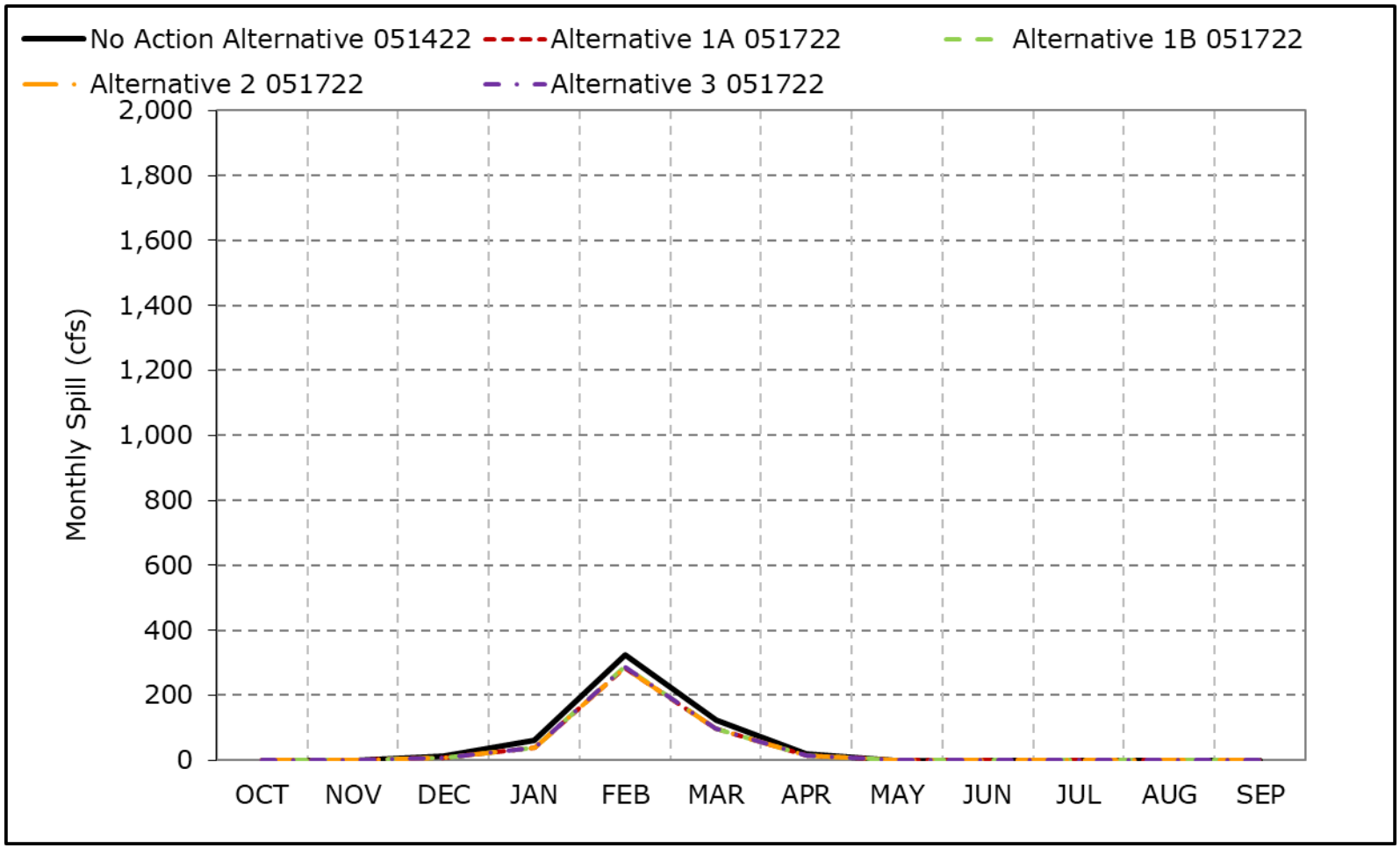
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-2. Ord Ferry Spill, Wet Year Average Spill



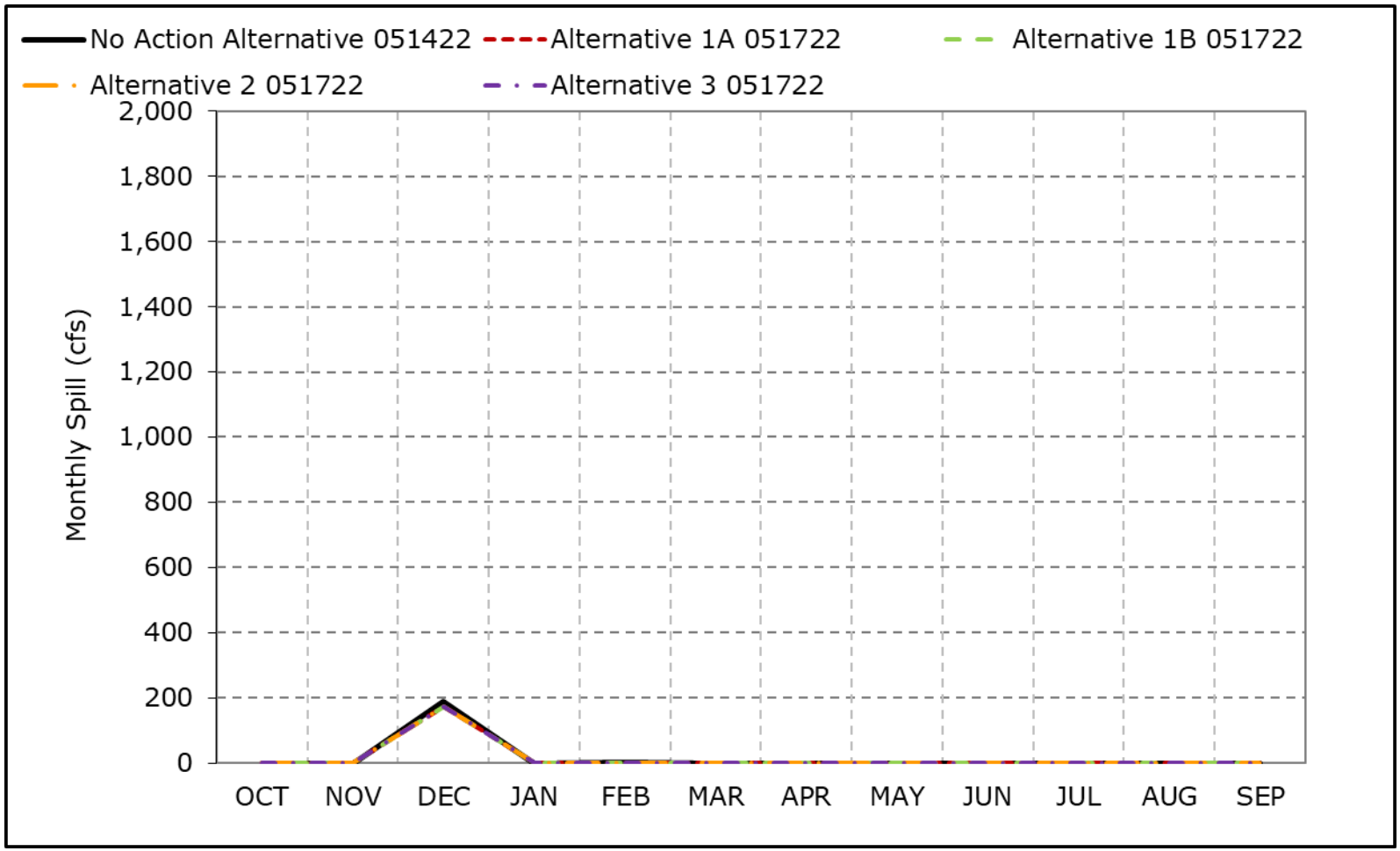
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-3. Ord Ferry Spill, Above Normal Year Average Spill



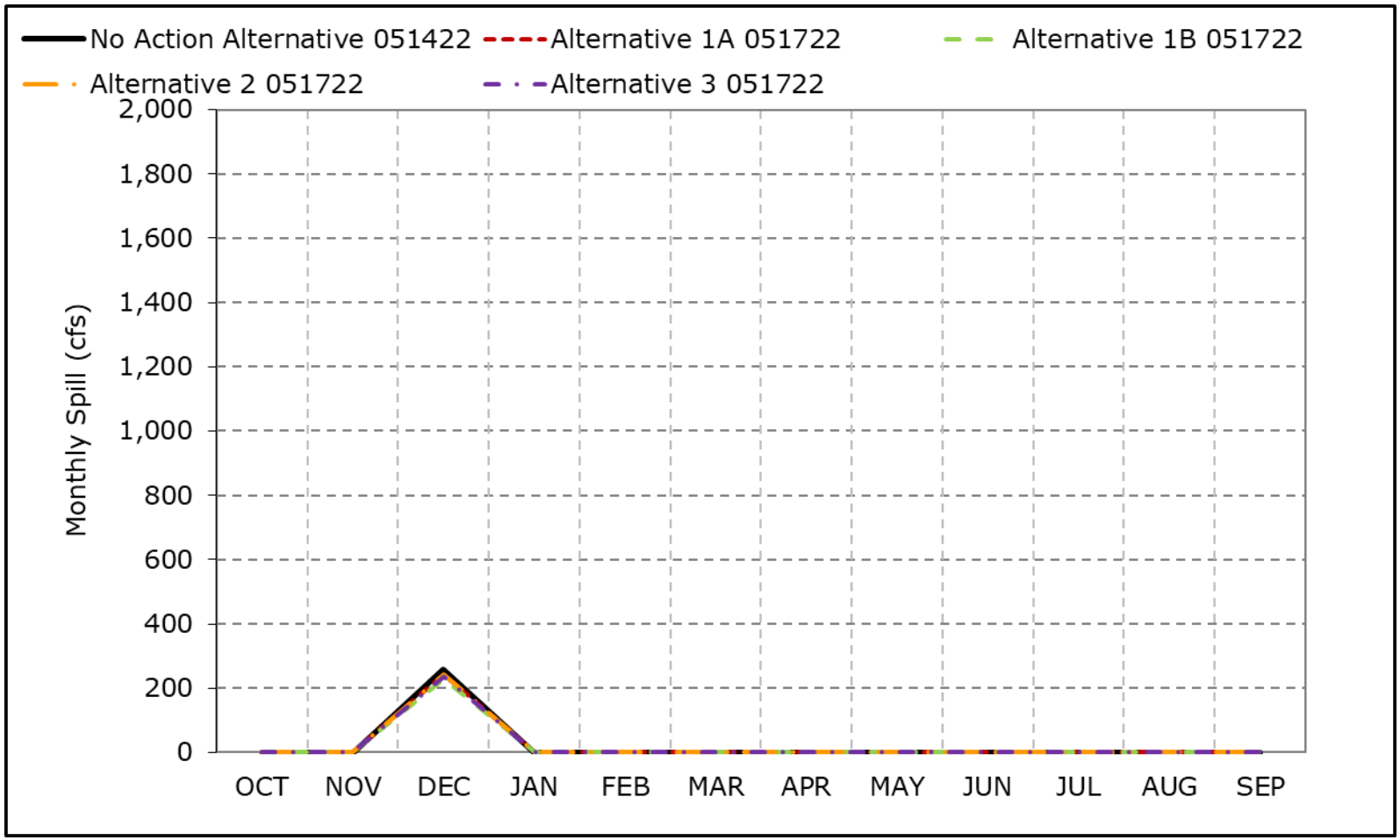
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-4. Ord Ferry Spill, Below Normal Year Average Spill



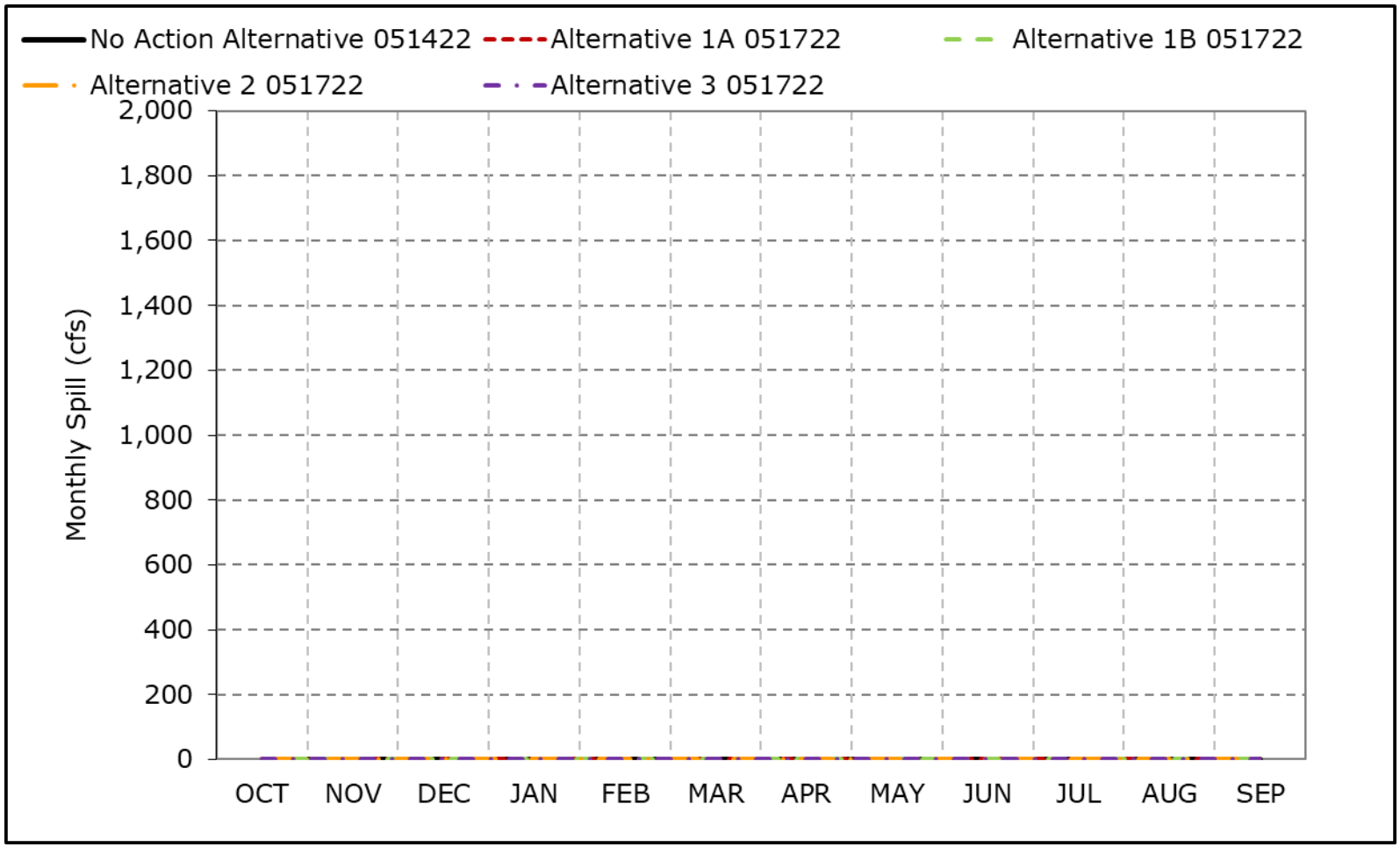
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-5. Ord Ferry Spill, Dry Year Average Spill



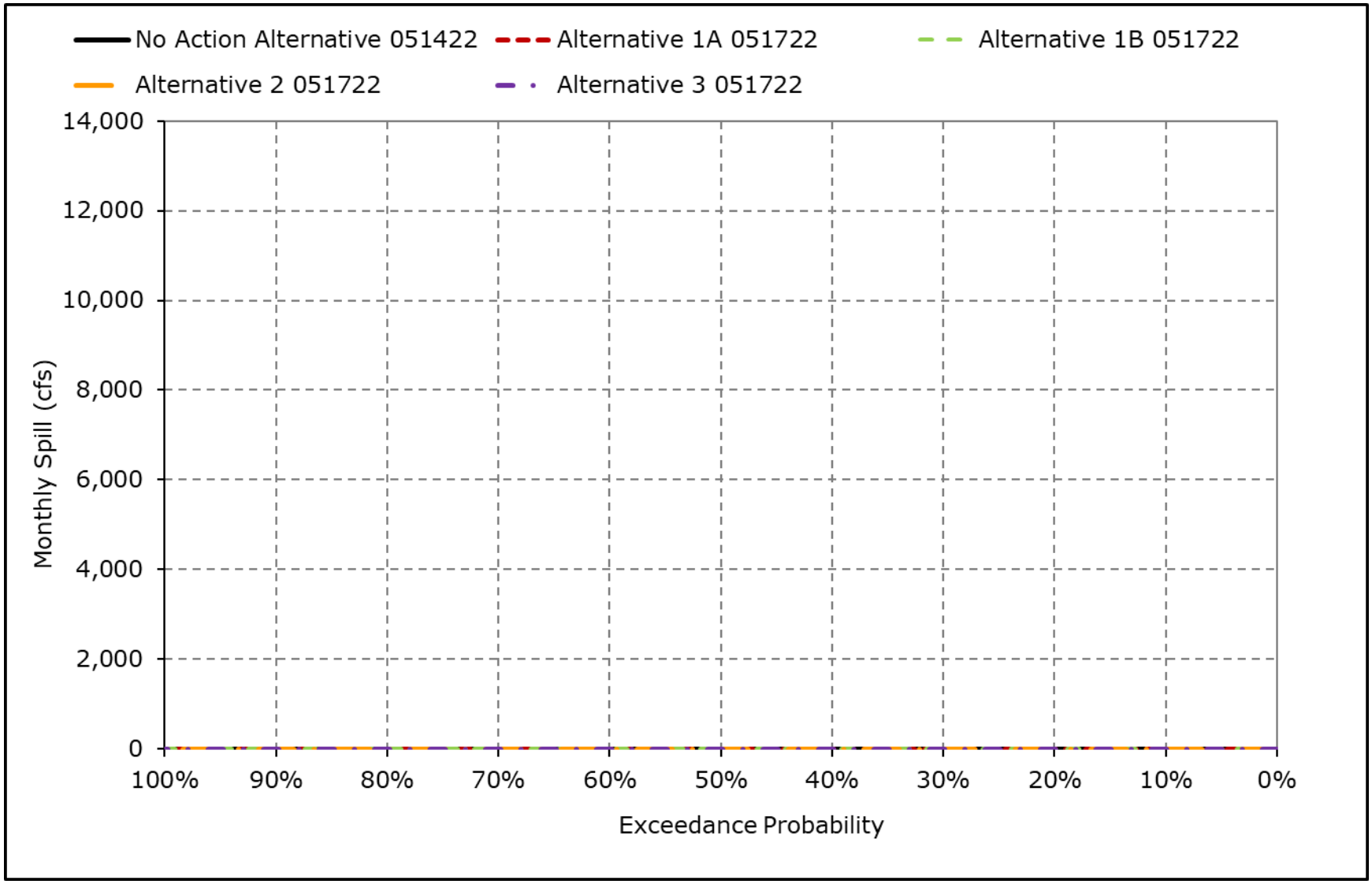
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-6. Ord Ferry Spill, Critical Year Average Spill



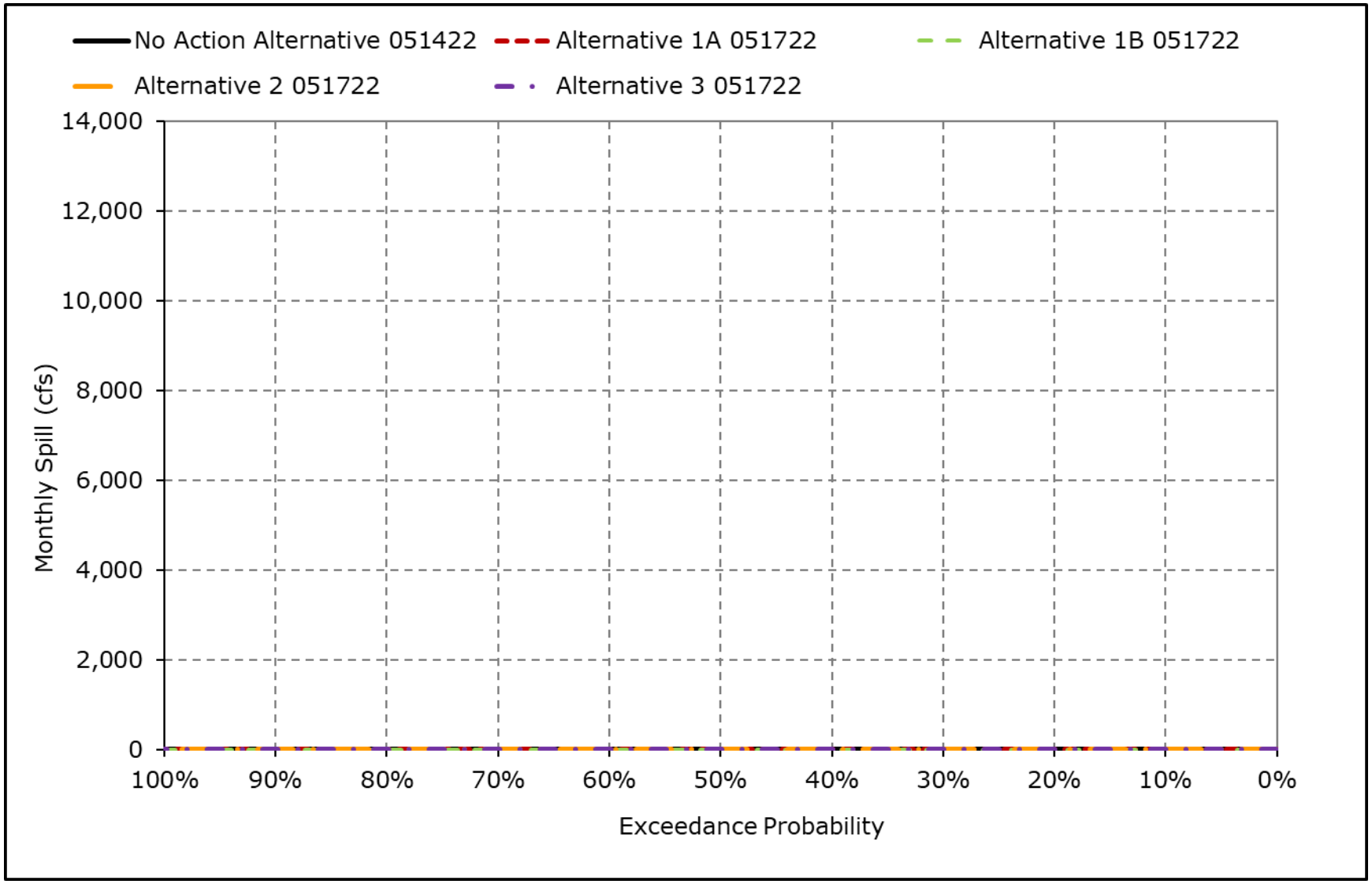
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-7. Ord Ferry Spill, October



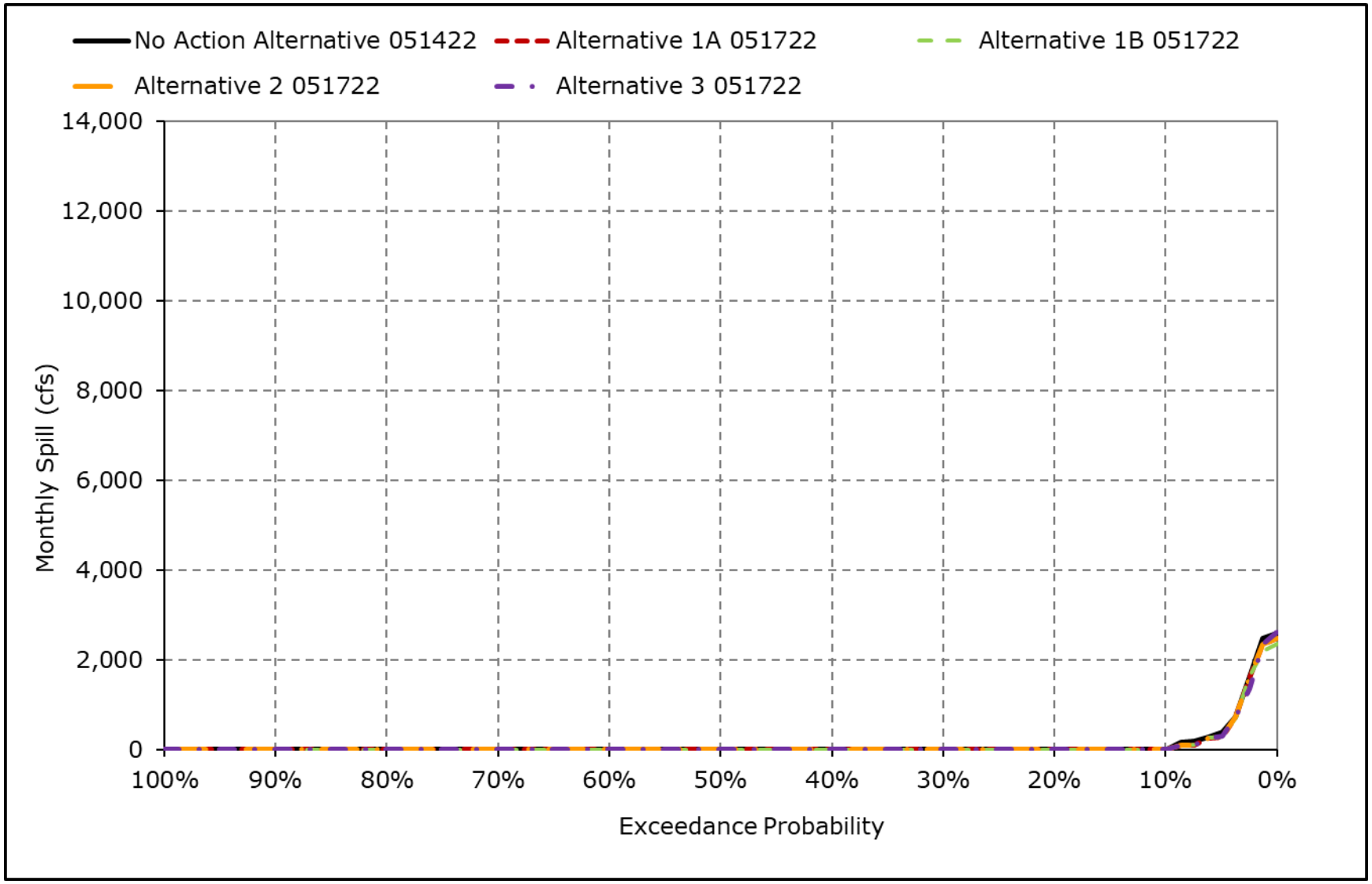
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-8. Ord Ferry Spill, November



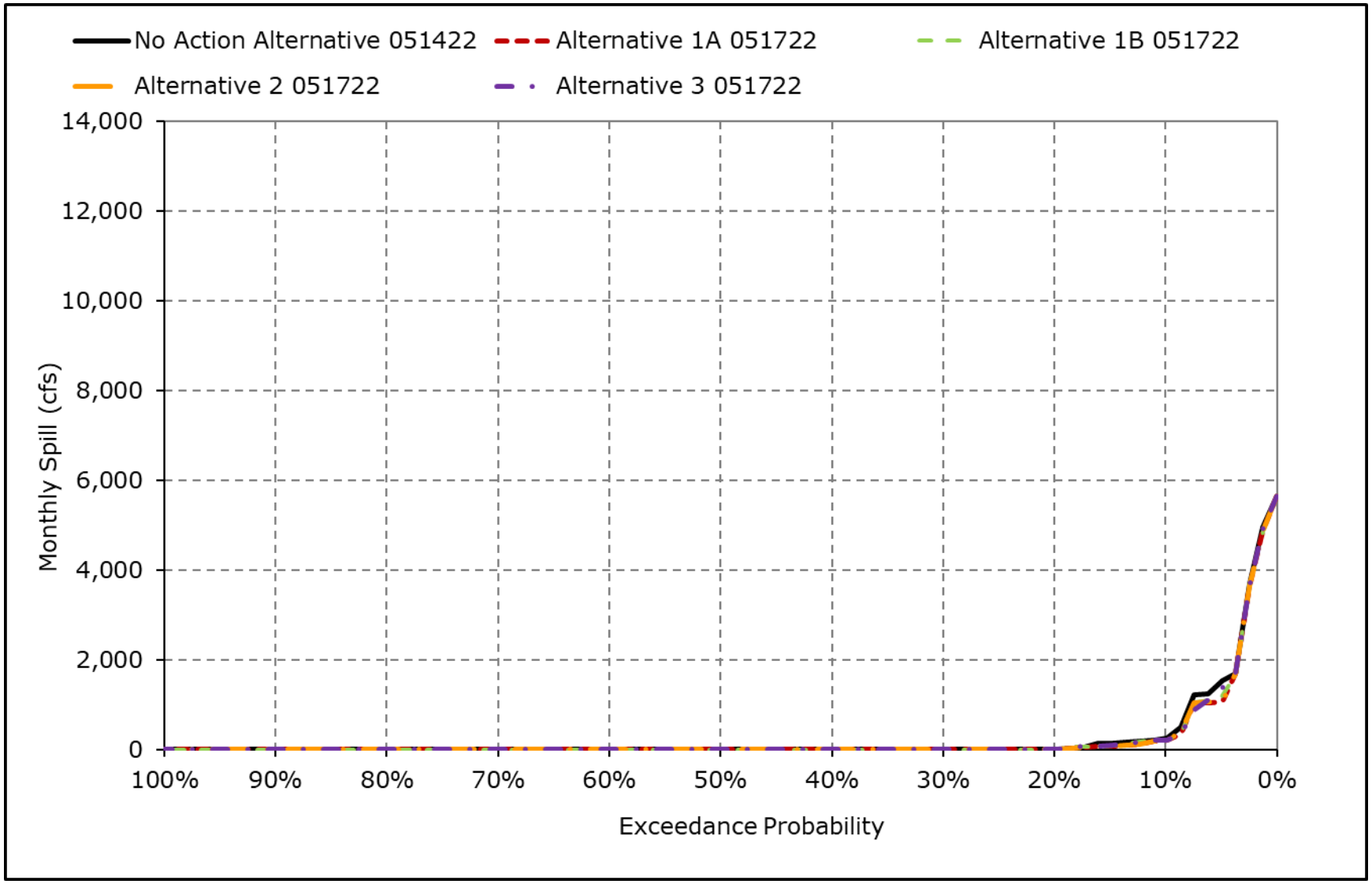
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-9. Ord Ferry Spill, December



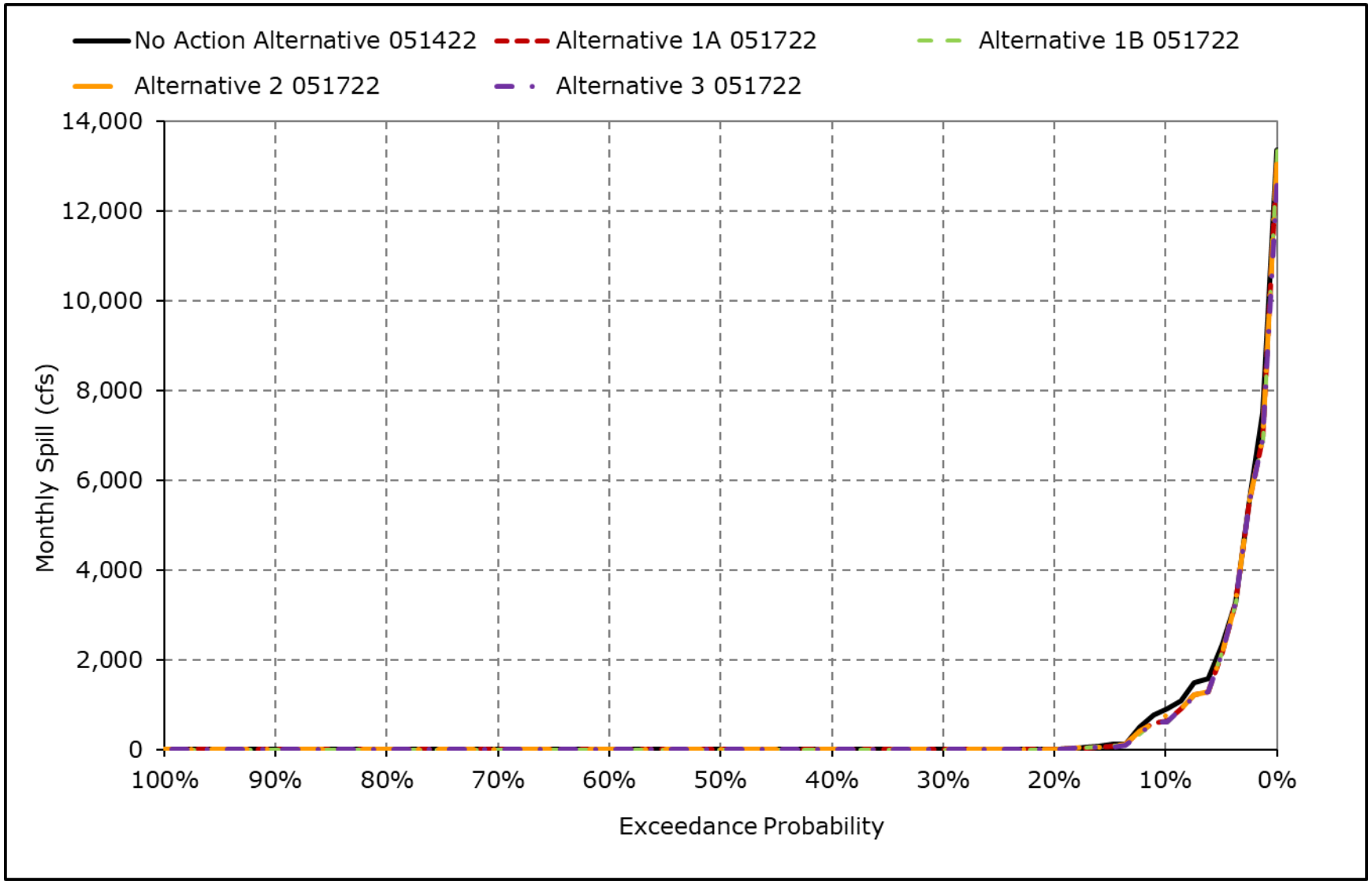
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-10. Ord Ferry Spill, January



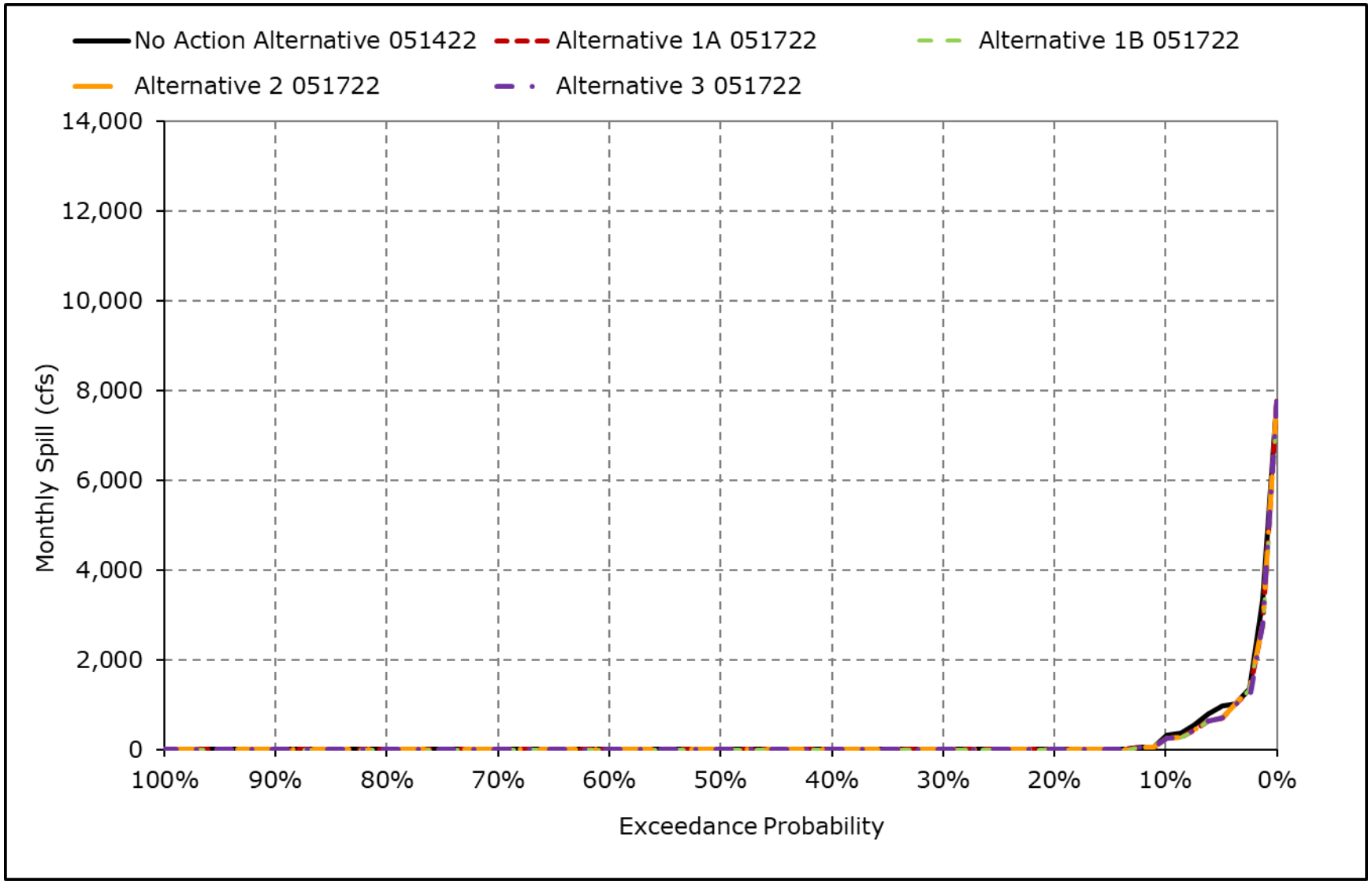
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-11. Ord Ferry Spill, February



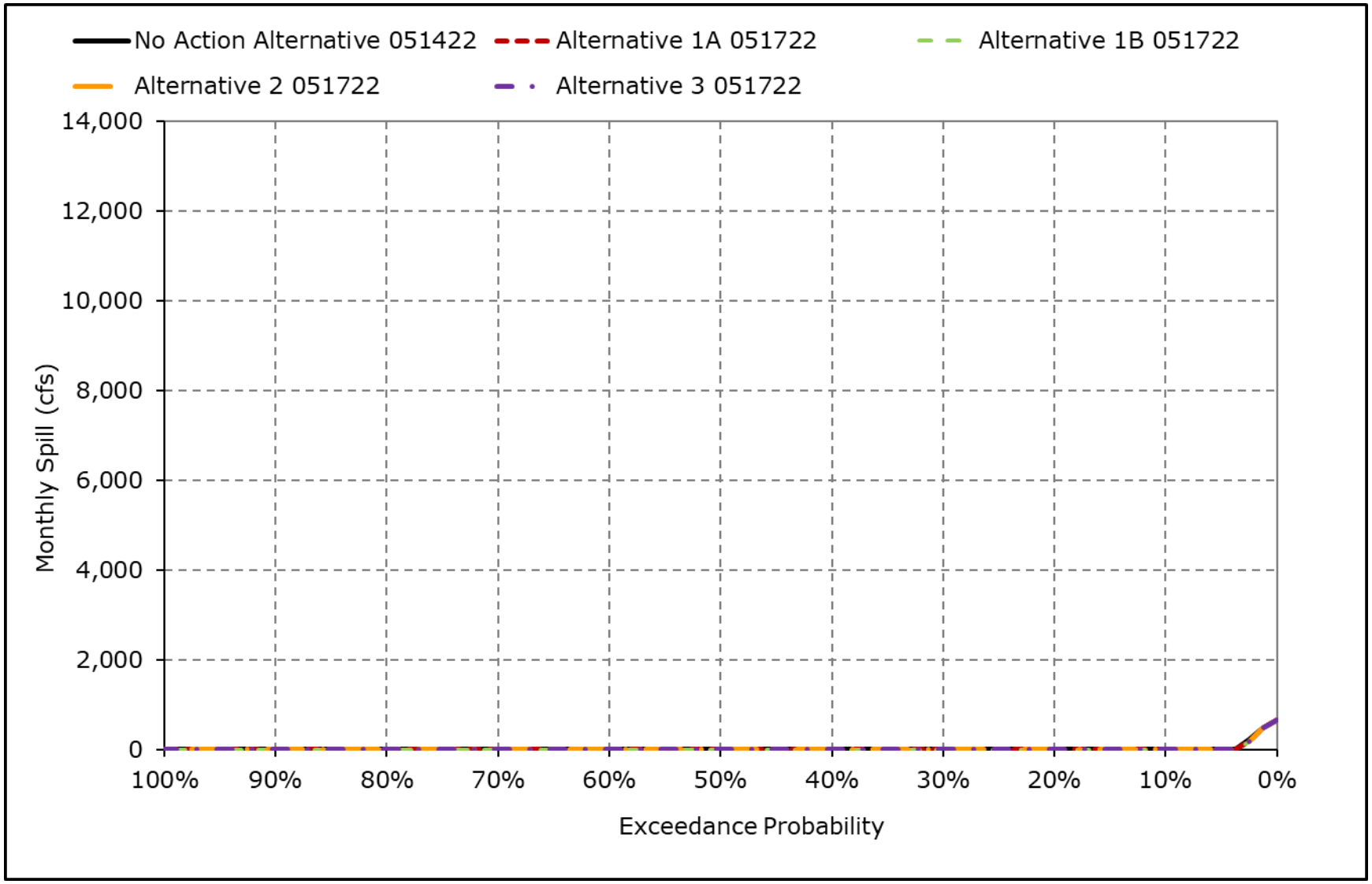
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-12. Ord Ferry Spill, March



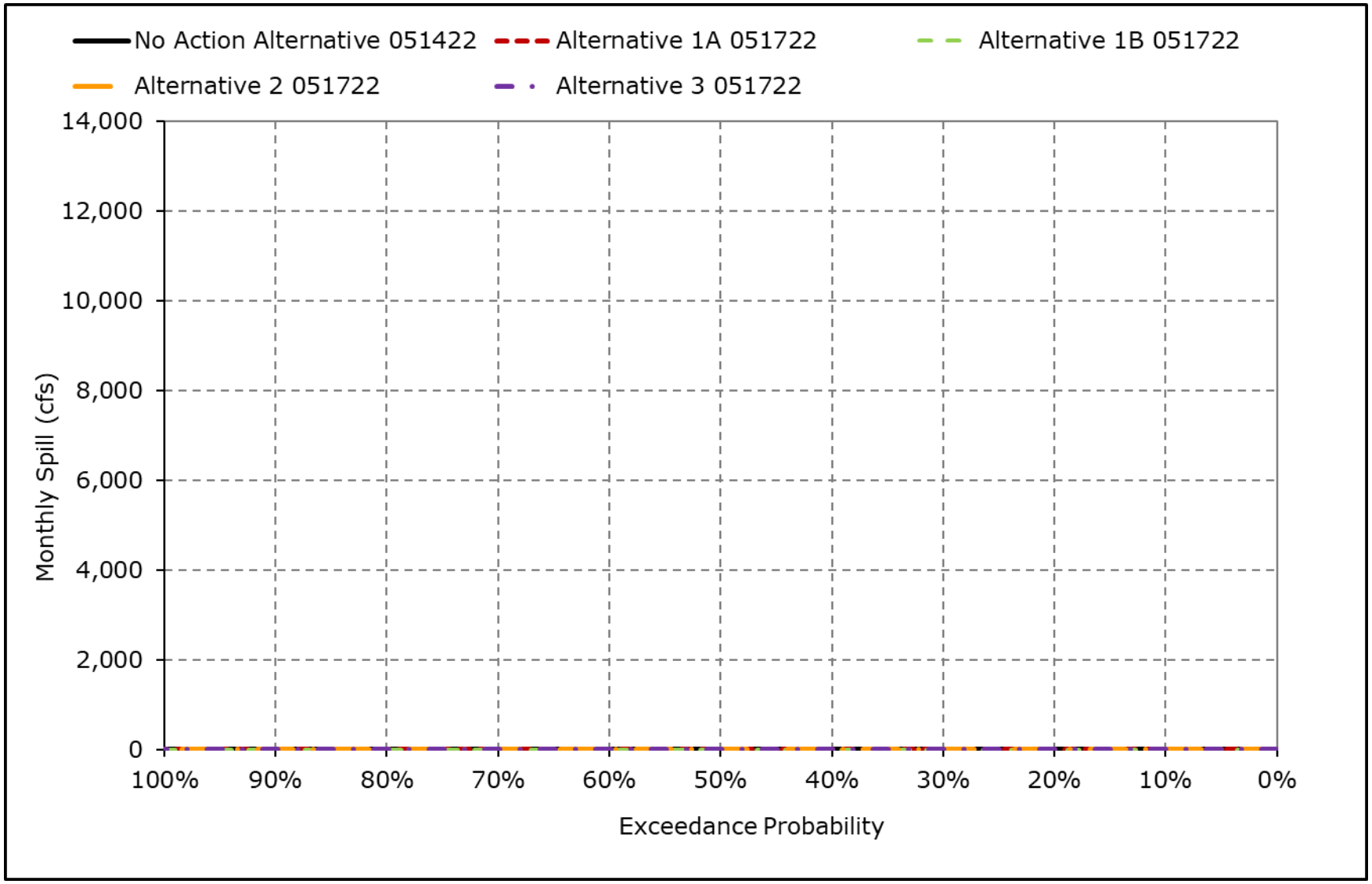
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-13. Ord Ferry Spill, April



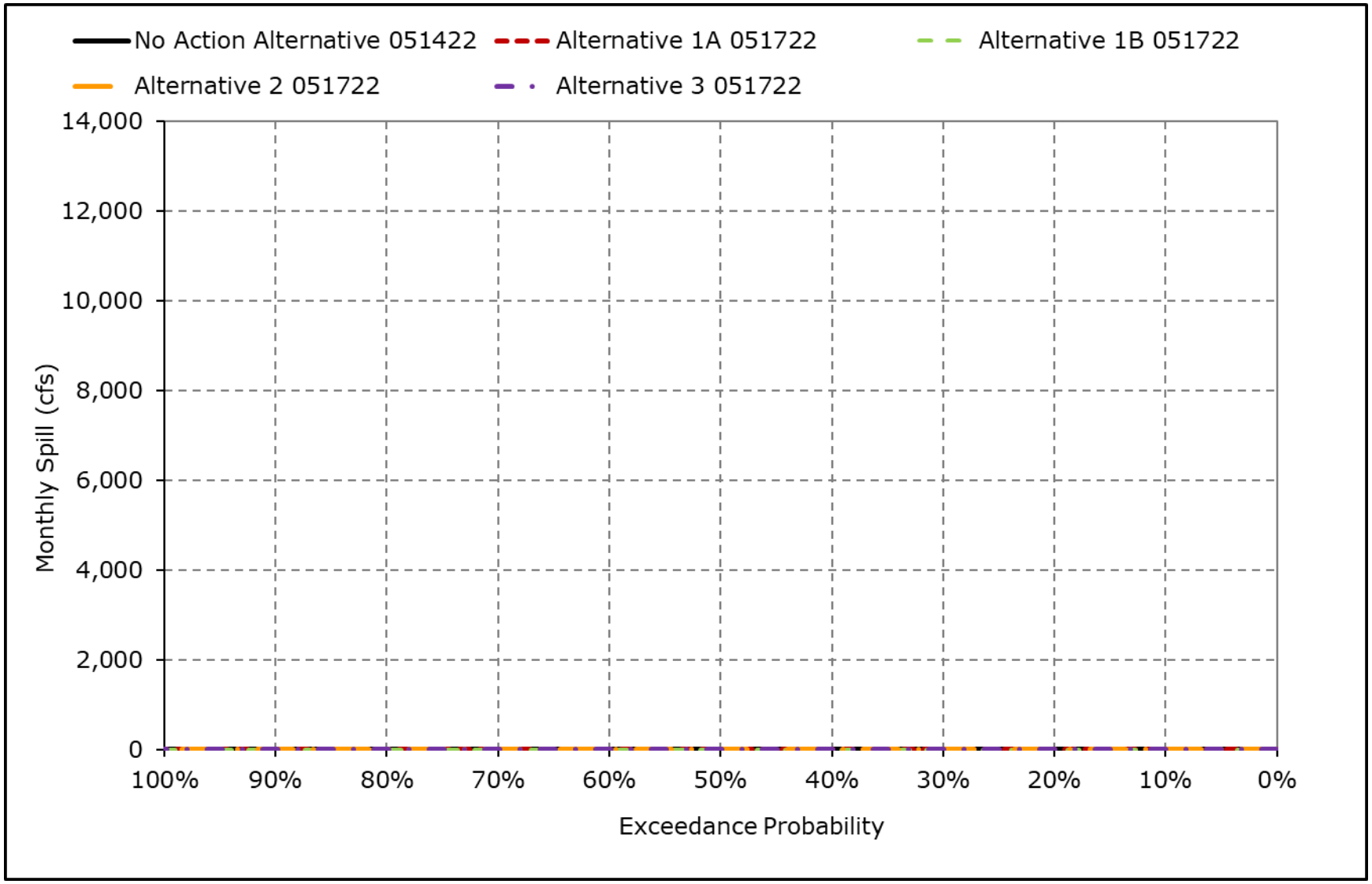
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-14. Ord Ferry Spill, May



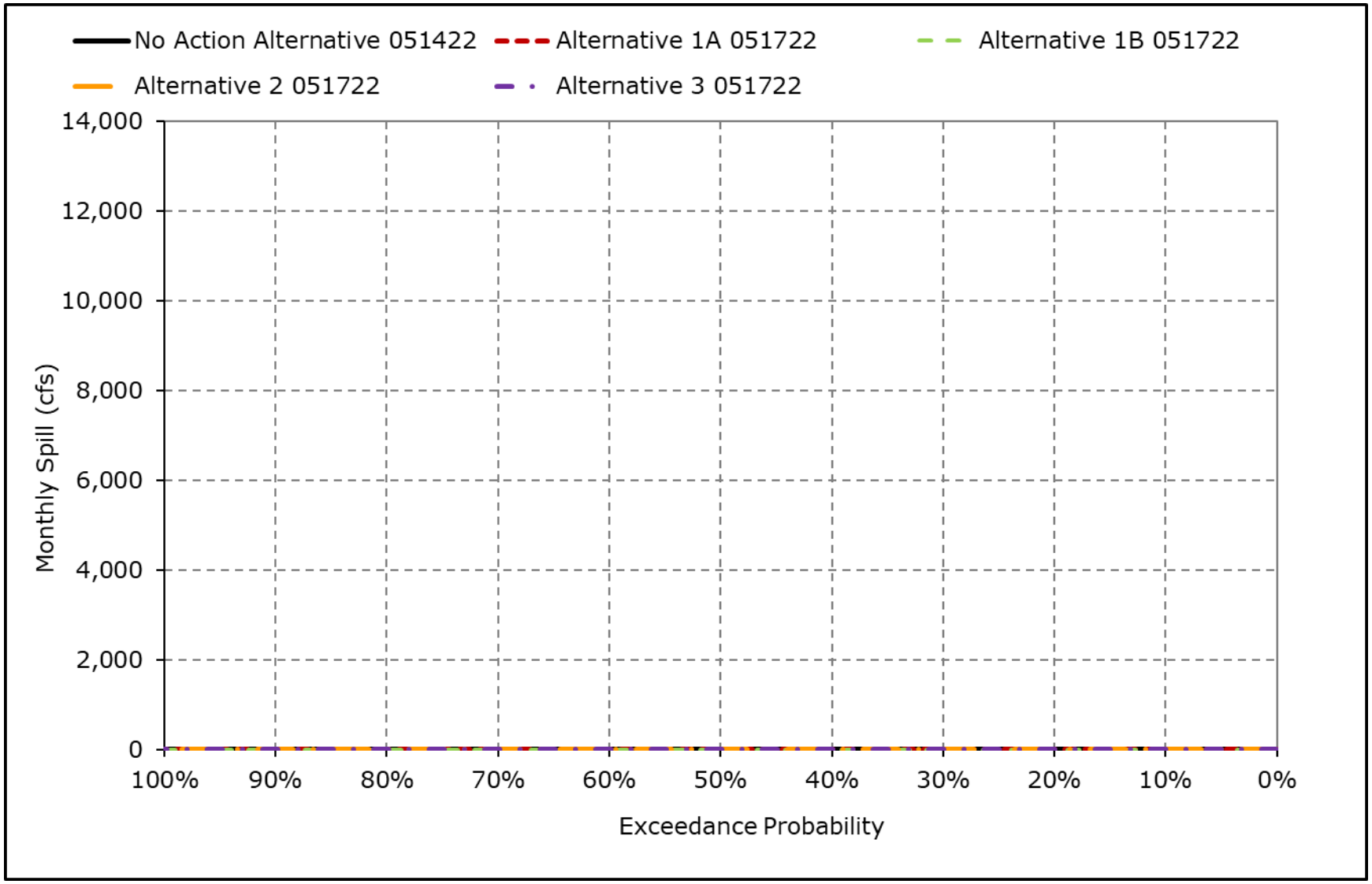
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-15. Ord Ferry Spill, June



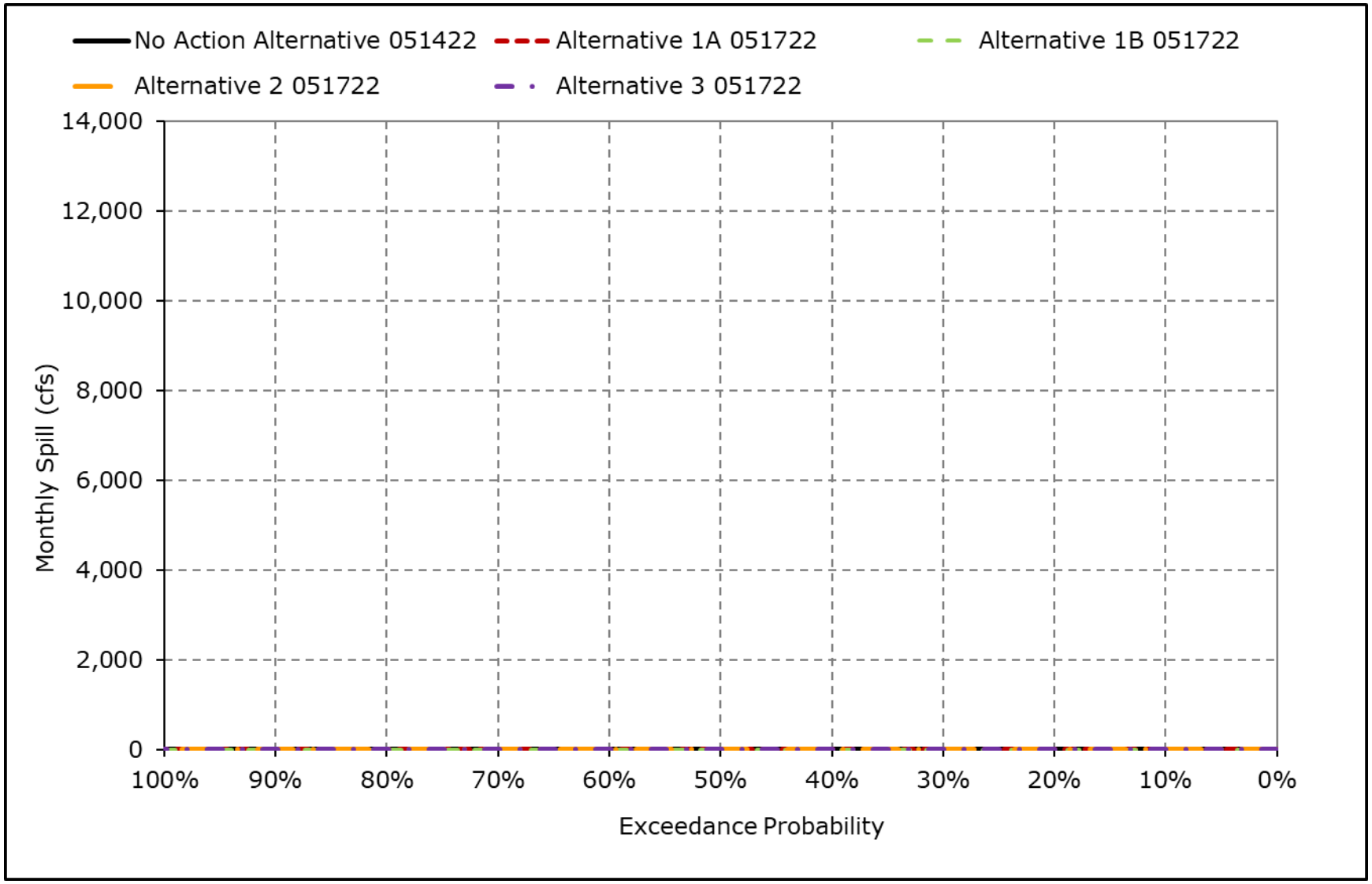
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-16. Ord Ferry Spill, July



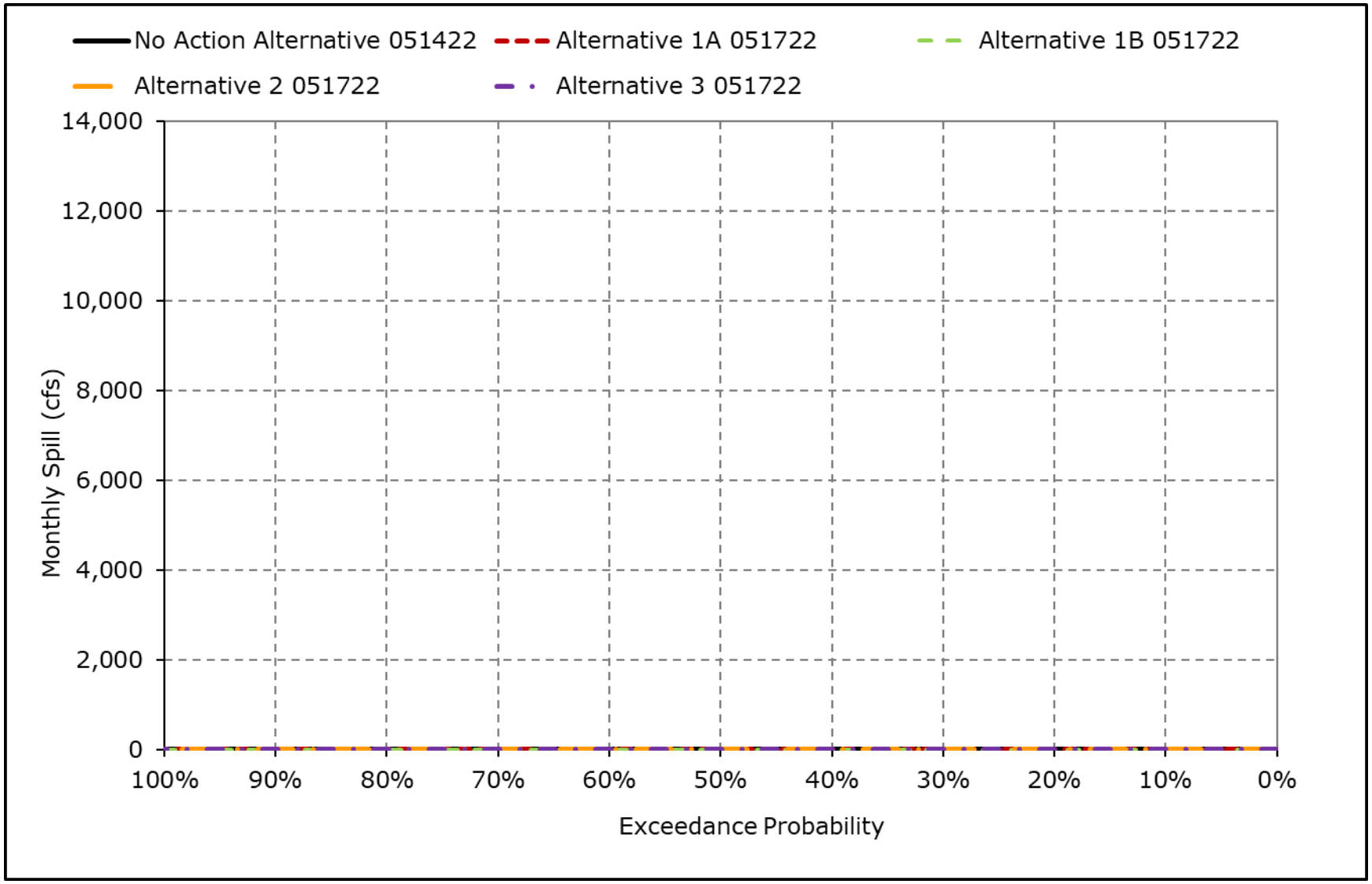
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-17. Ord Ferry Spill, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-5-18. Ord Ferry Spill, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-6-1a. Moulton Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	106	679	956	477	0	0	0	0	0	0
20% Exceedance	0	0	0	145	188	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	91	318	499	255	34	0	0	0	0	0
Wet Water Years (32%)	0	0	55	929	1,460	713	88	0	0	0	0	0
Above Normal Water Years (15%)	0	2	21	149	232	195	41	0	0	0	0	0
Below Normal Water Years (17%)	0	0	134	5	12	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	218	2	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-1b. Moulton Weir Spill, Alternative 1A 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	71	680	851	477	0	0	0	0	0	0
20% Exceedance	0	0	0	125	191	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	83	296	475	232	31	0	0	0	0	0
Wet Water Years (32%)	0	0	53	874	1,395	657	81	0	0	0	0	0
Above Normal Water Years (15%)	0	2	16	120	210	159	34	0	0	0	0	0
Below Normal Water Years (17%)	0	0	117	2	13	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	200	4	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-1c. Moulton Weir Spill, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-35	0	-106	0	0	0	0	0	0	0
20% Exceedance	0	0	0	-20	3	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-8	-22	-24	-23	-3	0	0	0	0	0
Wet Water Years (32%)	0	0	-1	-55	-65	-56	-7	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-5	-29	-22	-36	-8	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-16	-3	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-18	1	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-6-2a. Moulton Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	106	679	956	477	0	0	0	0	0	0
20% Exceedance	0	0	0	145	188	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	91	318	499	255	34	0	0	0	0	0
Wet Water Years (32%)	0	0	55	929	1,460	713	88	0	0	0	0	0
Above Normal Water Years (15%)	0	2	21	149	232	195	41	0	0	0	0	0
Below Normal Water Years (17%)	0	0	134	5	12	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	218	2	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-2b. Moulton Weir Spill, Alternative 1B 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	71	682	808	477	0	0	0	0	0	0
20% Exceedance	0	0	0	125	190	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	83	299	476	232	31	0	0	0	0	0
Wet Water Years (32%)	0	0	53	884	1,393	657	81	0	0	0	0	0
Above Normal Water Years (15%)	0	3	16	119	217	159	34	0	0	0	0	0
Below Normal Water Years (17%)	0	0	117	2	13	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	199	4	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-2c. Moulton Weir Spill, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-35	3	-148	0	0	0	0	0	0	0
20% Exceedance	0	0	0	-20	1	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-8	-19	-23	-23	-3	0	0	0	0	0
Wet Water Years (32%)	0	0	-1	-45	-67	-56	-7	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-5	-30	-15	-37	-8	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-16	-3	0	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-19	1	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-6-3a. Moulton Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	106	679	956	477	0	0	0	0	0	0
20% Exceedance	0	0	0	145	188	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	91	318	499	255	34	0	0	0	0	0
Wet Water Years (32%)	0	0	55	929	1,460	713	88	0	0	0	0	0
Above Normal Water Years (15%)	0	2	21	149	232	195	41	0	0	0	0	0
Below Normal Water Years (17%)	0	0	134	5	12	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	218	2	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-3b. Moulton Weir Spill, Alternative 2 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	71	680	957	477	0	0	0	0	0	0
20% Exceedance	0	0	0	125	191	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	83	297	477	232	31	0	0	0	0	0
Wet Water Years (32%)	0	0	53	876	1,402	658	81	0	0	0	0	0
Above Normal Water Years (15%)	0	2	16	120	206	159	34	0	0	0	0	0
Below Normal Water Years (17%)	0	0	117	2	13	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	201	4	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-3c. Moulton Weir Spill, Alternative 2 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-35	0	1	0	0	0	0	0	0	0
20% Exceedance	0	0	0	-20	3	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-8	-21	-22	-23	-3	0	0	0	0	0
Wet Water Years (32%)	0	0	-1	-53	-58	-55	-7	0	0	0	0	0
Above Normal Water Years (15%)	0	0	-5	-29	-26	-36	-8	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-16	-3	1	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-17	1	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-6-4a. Moulton Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	106	679	956	477	0	0	0	0	0	0
20% Exceedance	0	0	0	145	188	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	91	318	499	255	34	0	0	0	0	0
Wet Water Years (32%)	0	0	55	929	1,460	713	88	0	0	0	0	0
Above Normal Water Years (15%)	0	2	21	149	232	195	41	0	0	0	0	0
Below Normal Water Years (17%)	0	0	134	5	12	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	218	2	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-4b. Moulton Weir Spill, Alternative 3 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	86	681	794	478	0	0	0	0	0	0
20% Exceedance	0	0	0	125	191	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	86	299	469	230	31	0	0	0	0	0
Wet Water Years (32%)	0	0	53	883	1,369	652	81	0	0	0	0	0
Above Normal Water Years (15%)	0	3	15	120	230	159	34	0	0	0	0	0
Below Normal Water Years (17%)	0	0	117	2	9	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	214	4	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

Table 5C-6-4c. Moulton Weir Spill, Alternative 3 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-19	2	-162	0	0	0	0	0	0	0
20% Exceedance	0	0	0	-20	2	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	0	0	-5	-19	-30	-25	-3	0	0	0	0	0
Wet Water Years (32%)	0	0	-1	-46	-92	-61	-7	0	0	0	0	0
Above Normal Water Years (15%)	0	1	-6	-29	-2	-37	-8	0	0	0	0	0
Below Normal Water Years (17%)	0	0	-16	-3	-3	0	0	0	0	0	0	0
Dry Water Years (22%)	0	0	-5	1	0	0	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	0	0	0	0	0	0	0	0	0

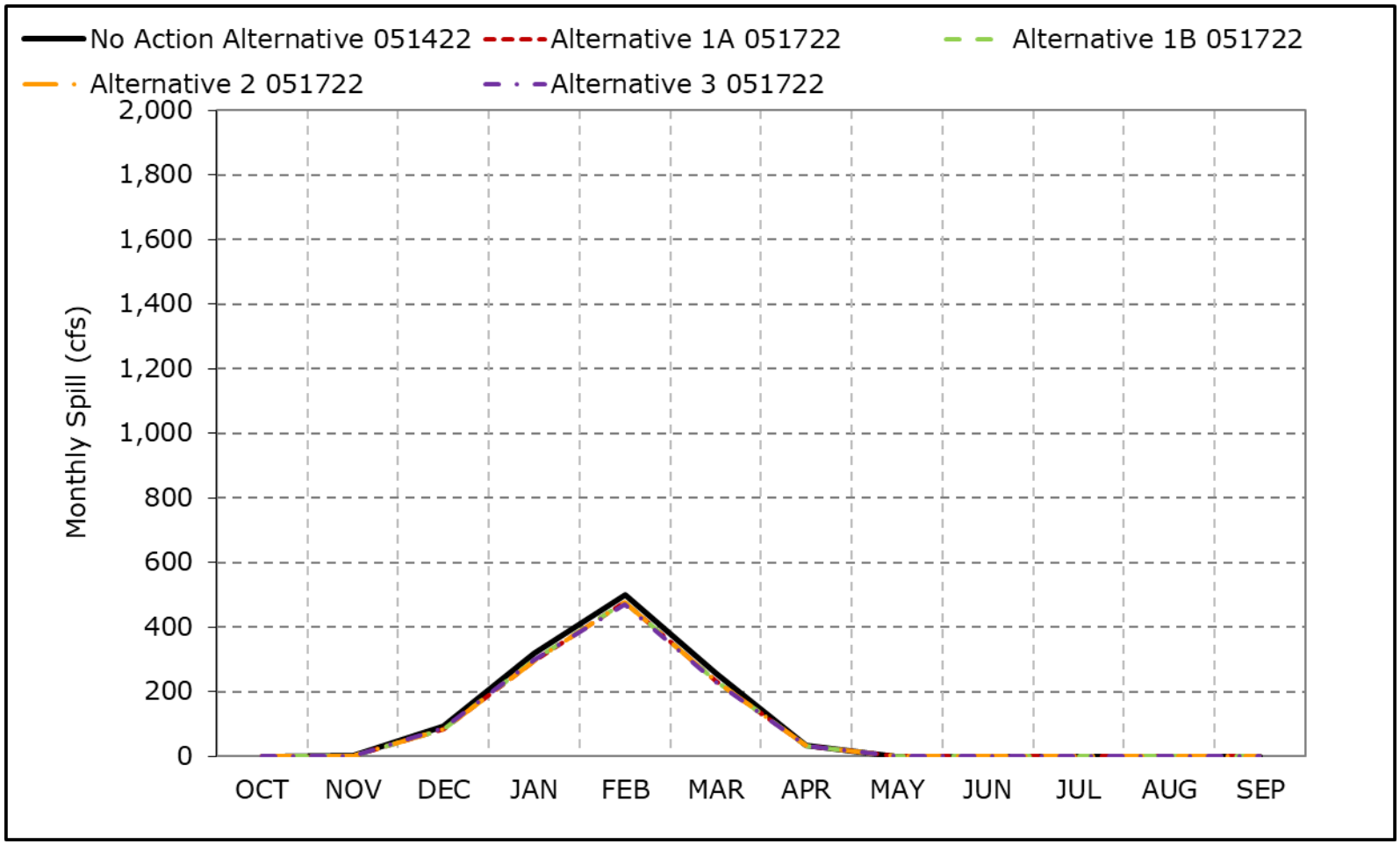
[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

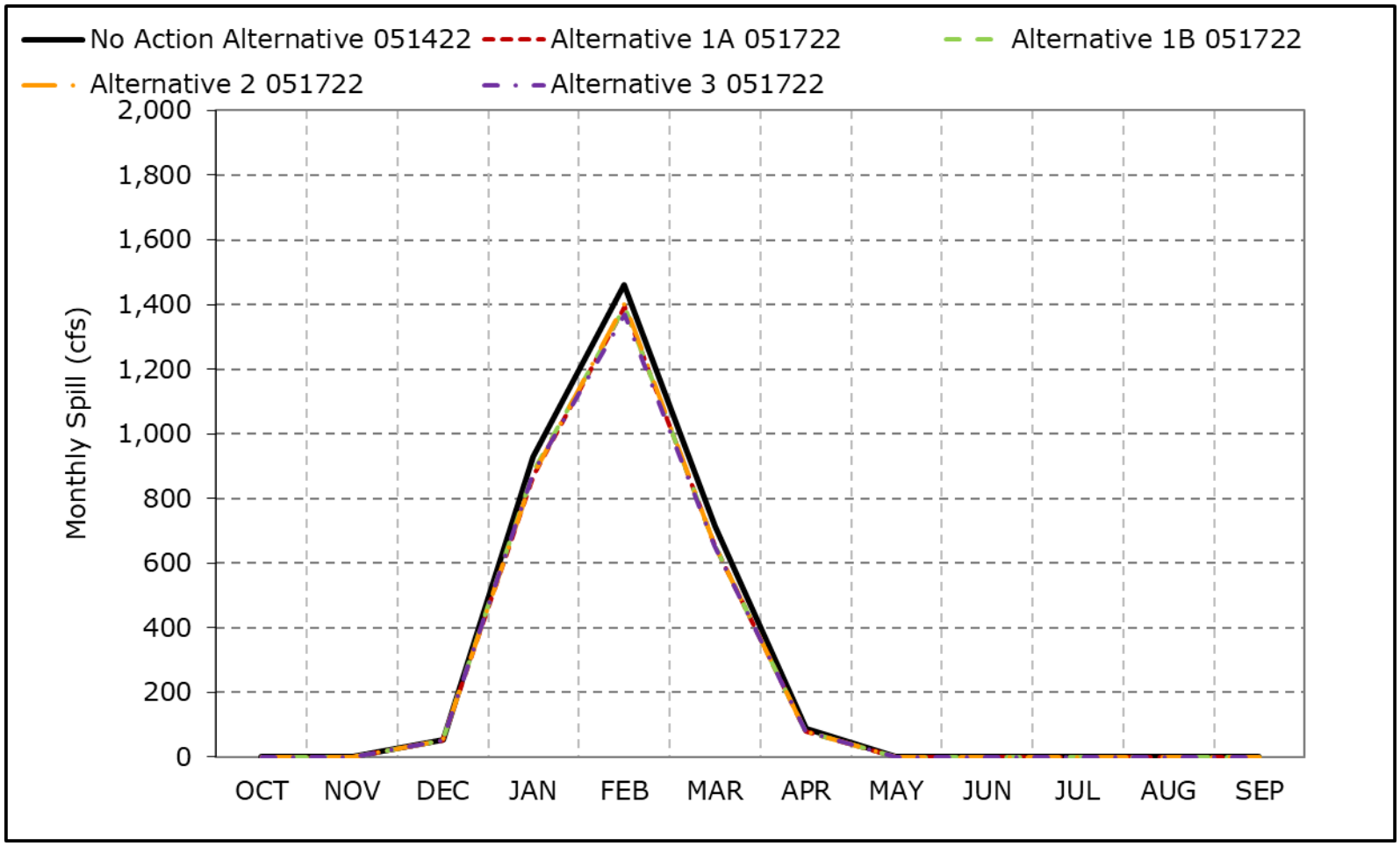
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-1. Moulton Weir Spill, Long-Term Average Spill



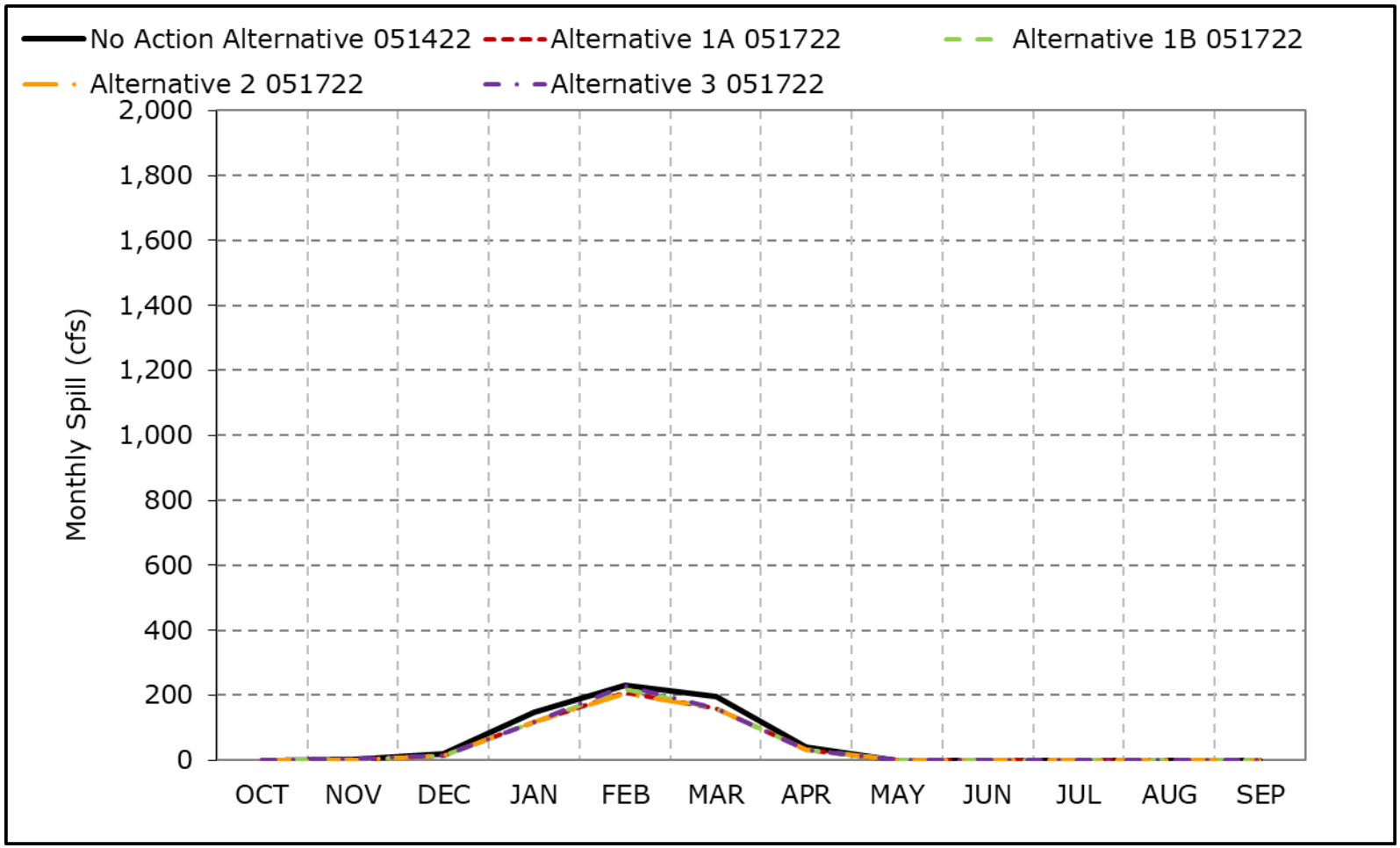
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-2. Moulton Weir Spill, Wet Year Average Spill



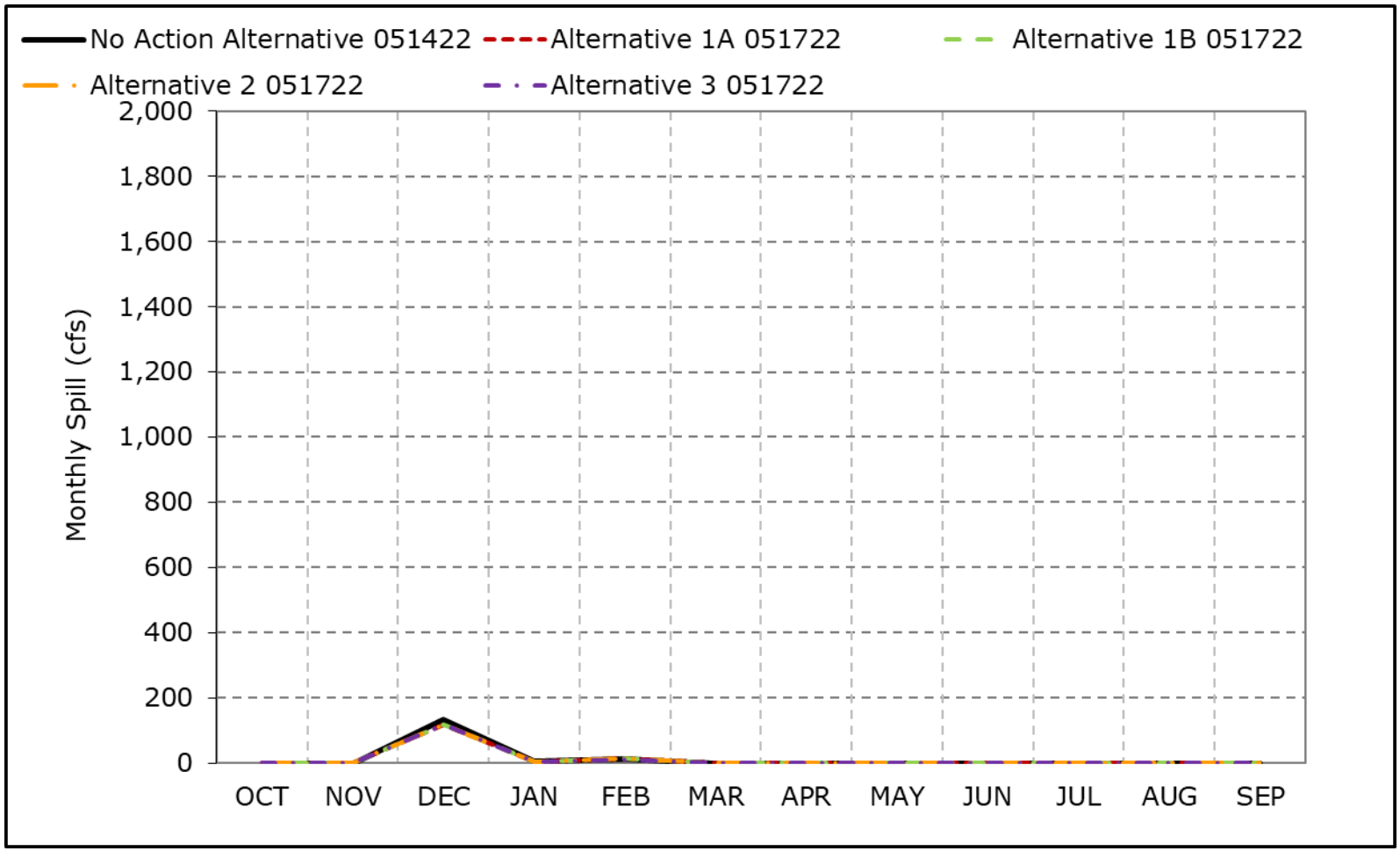
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-3. Moulton Weir Spill, Above Normal Year Average Spill



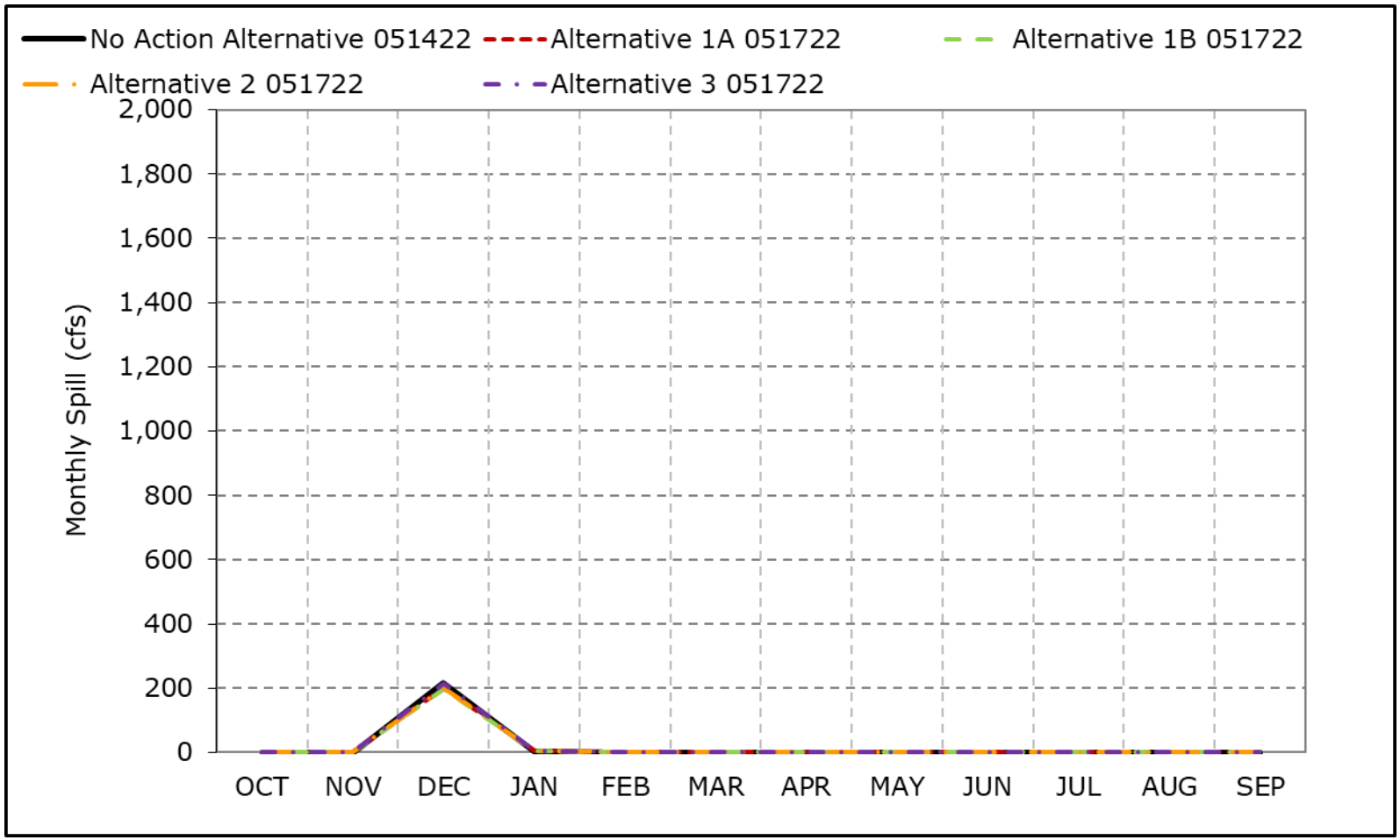
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-4. Moulton Weir Spill, Below Normal Year Average Spill



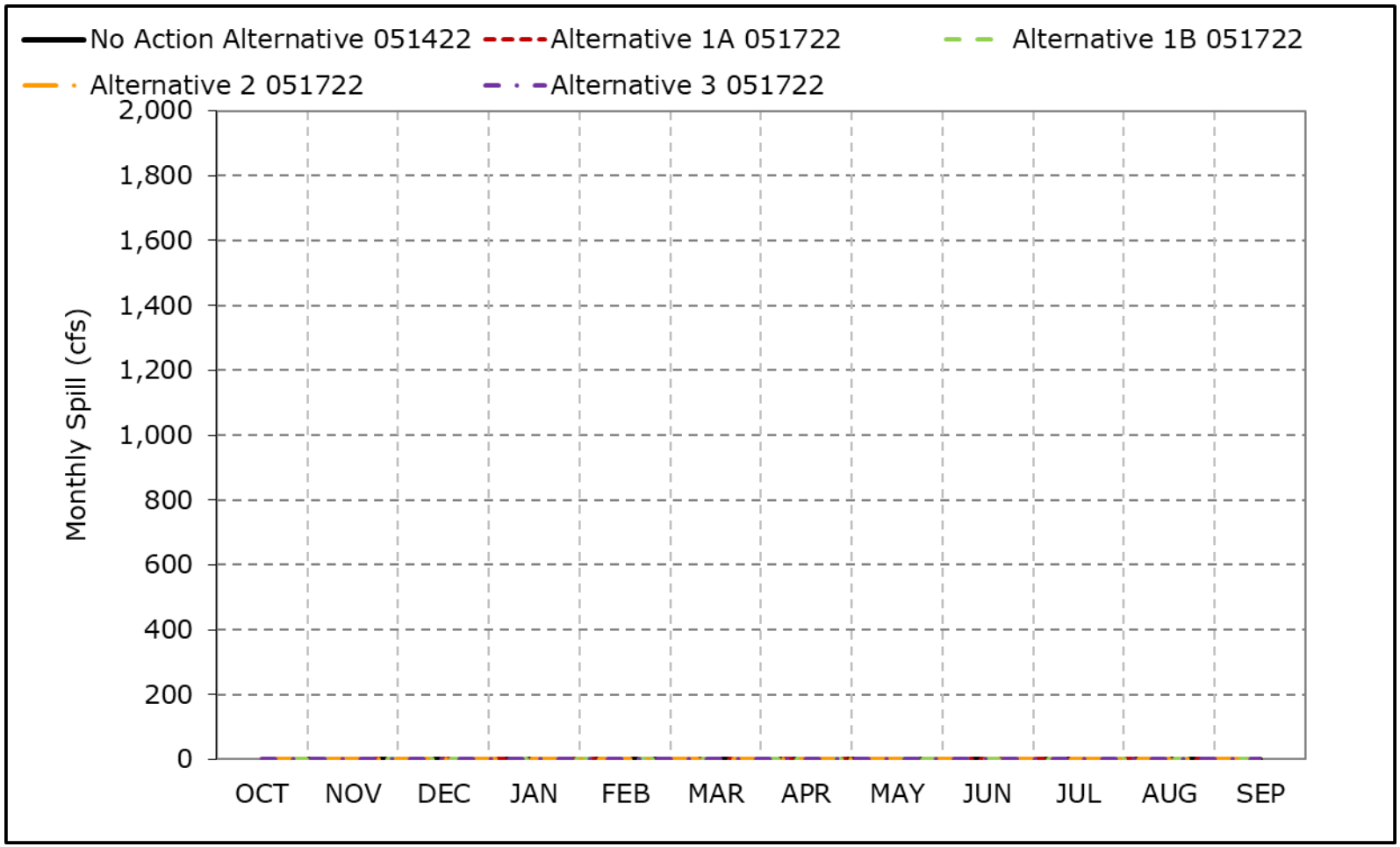
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-5. Moulton Weir Spill, Dry Year Average Spill



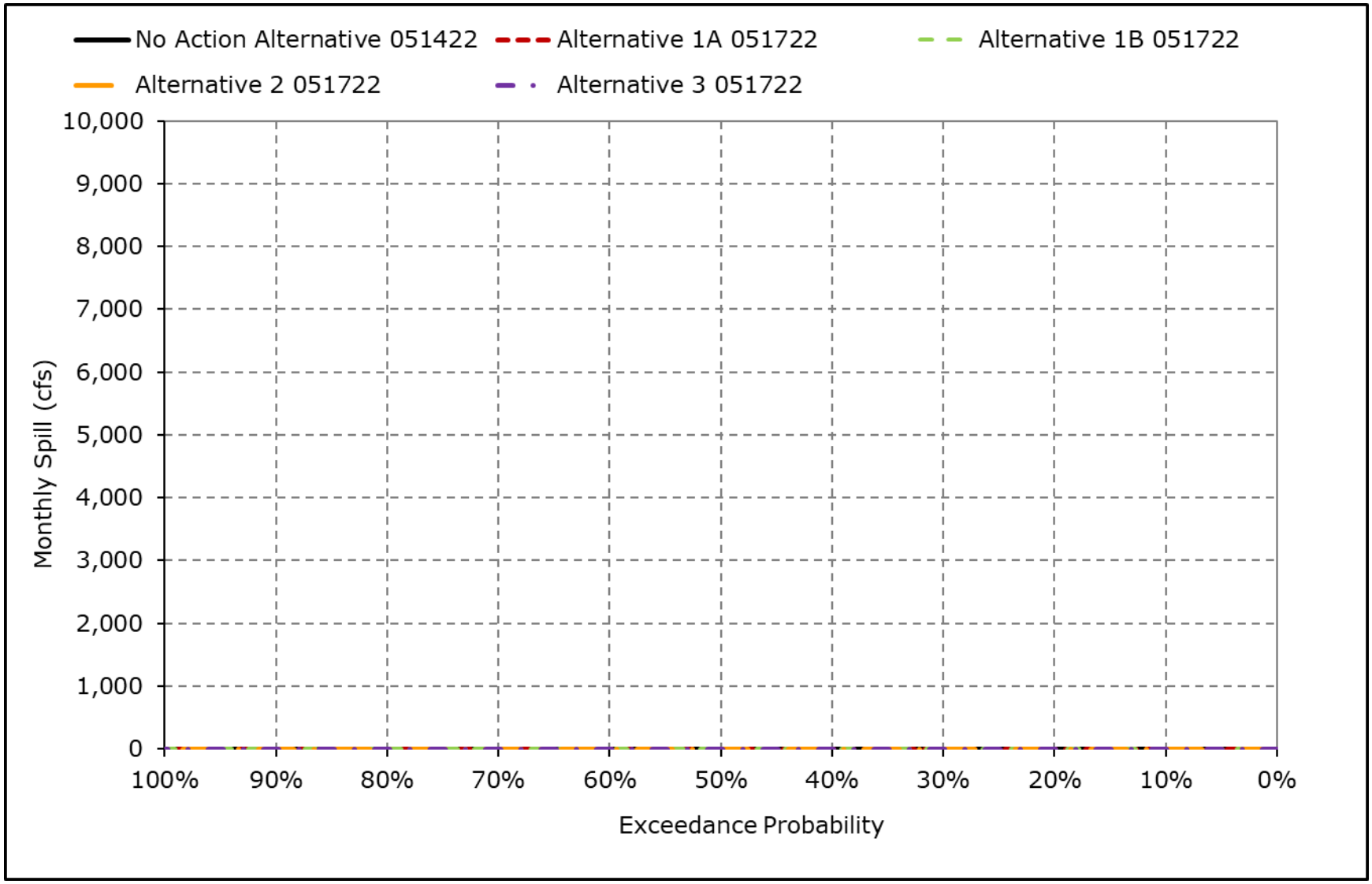
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-6. Moulton Weir Spill, Critical Year Average Spill



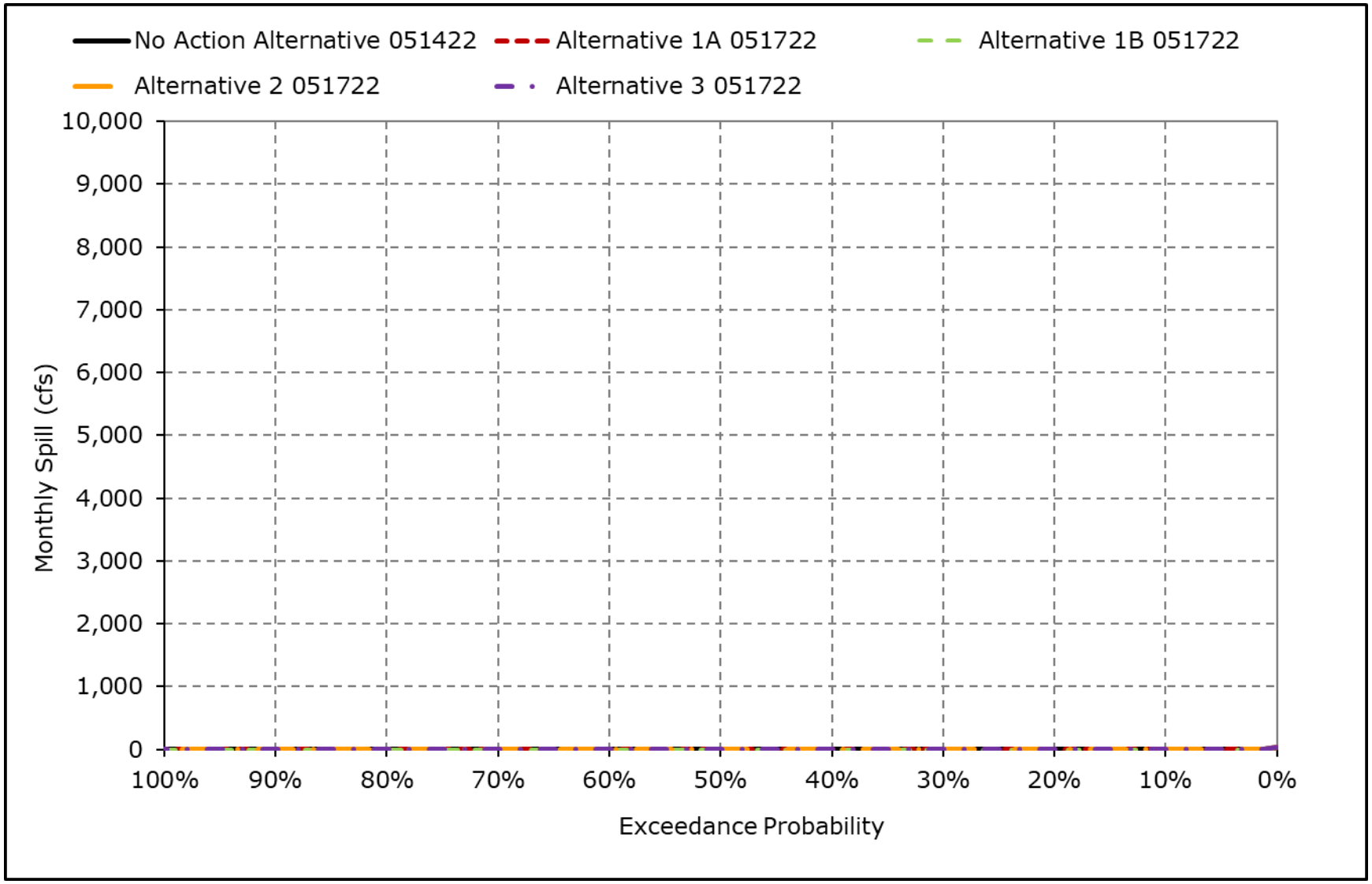
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-7. Moulton Weir Spill, October



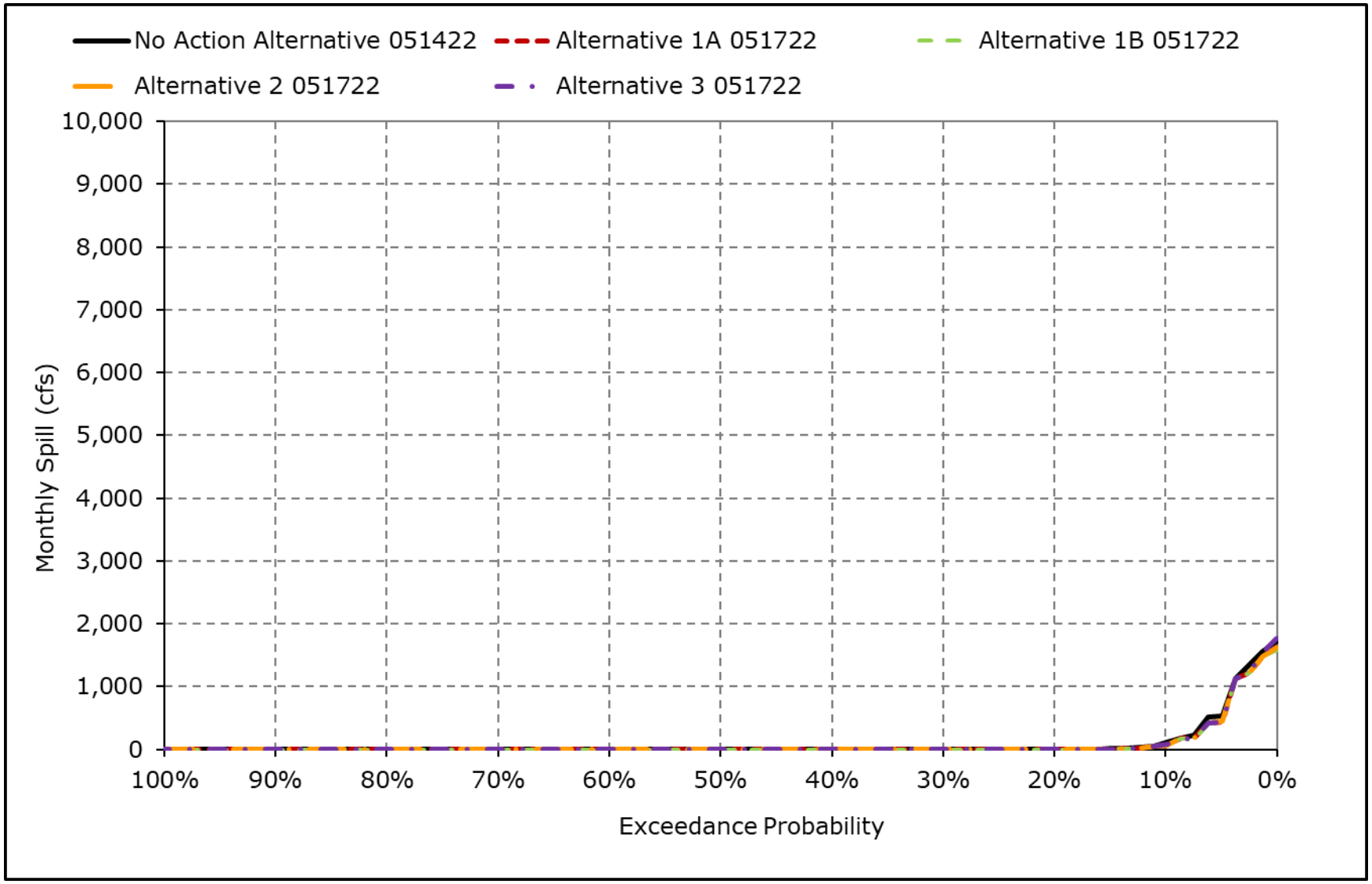
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-8. Moulton Weir Spill, November



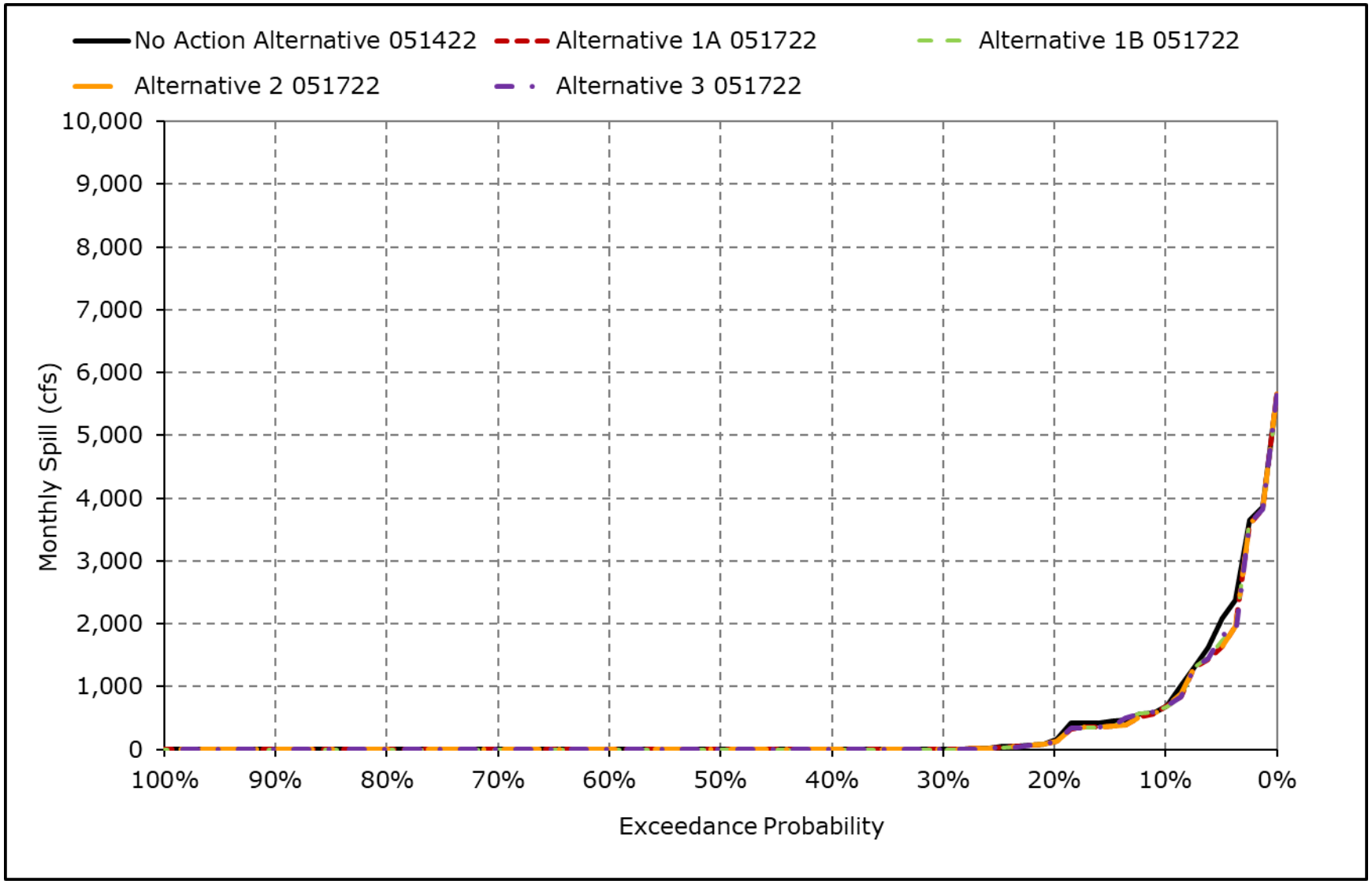
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-9. Moulton Weir Spill, December



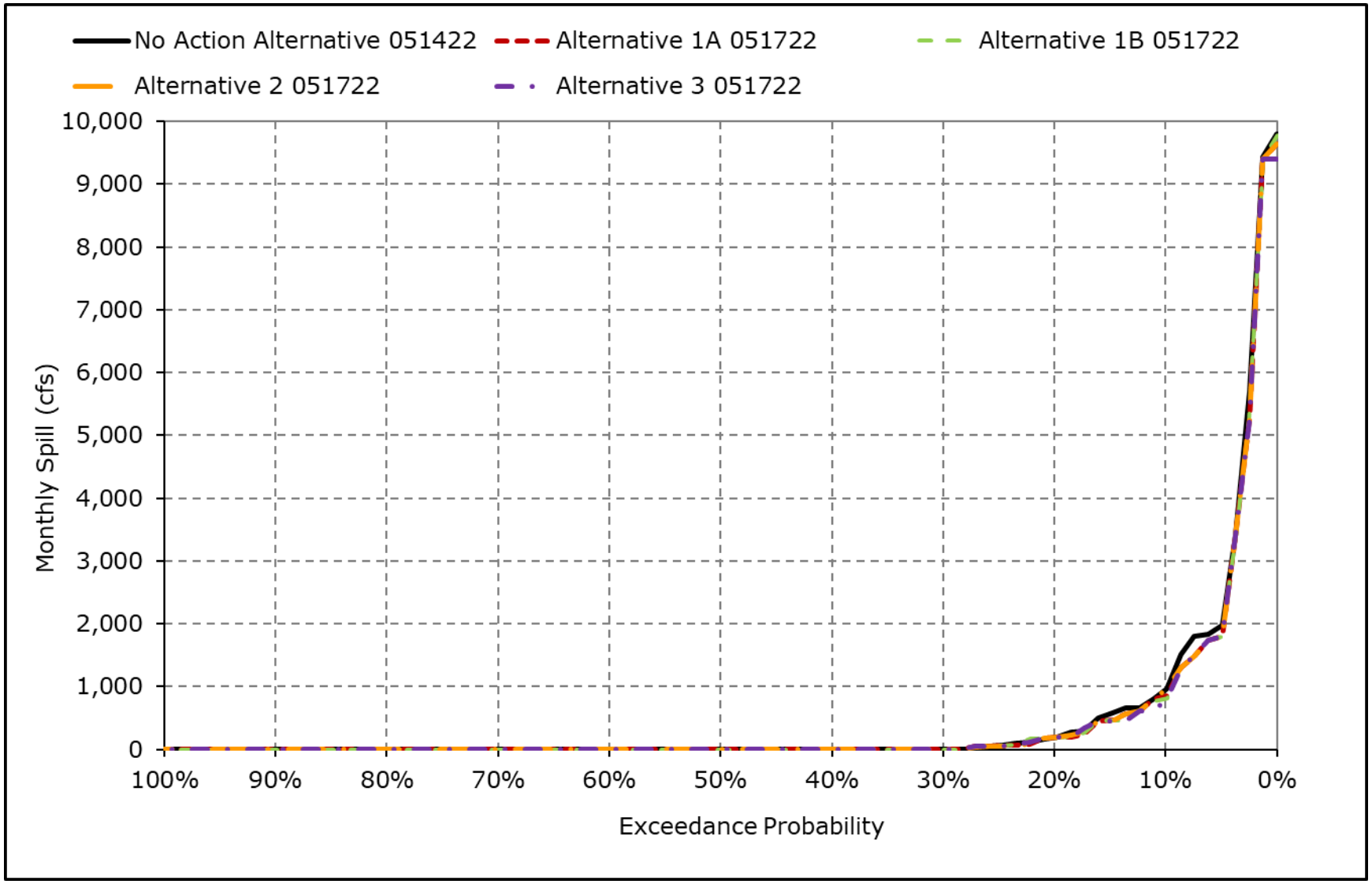
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-10. Moulton Weir Spill, January



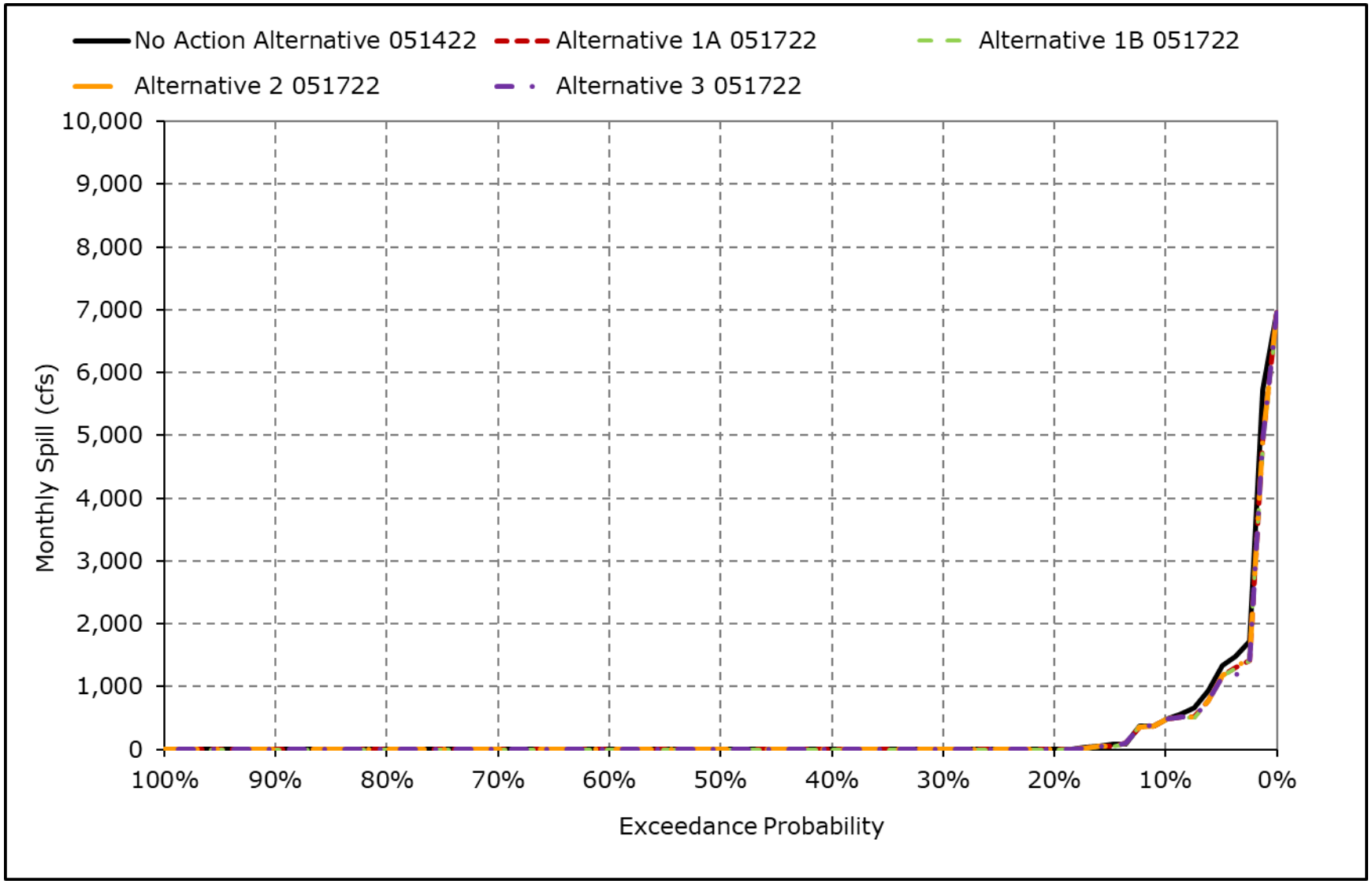
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-11. Moulton Weir Spill, February



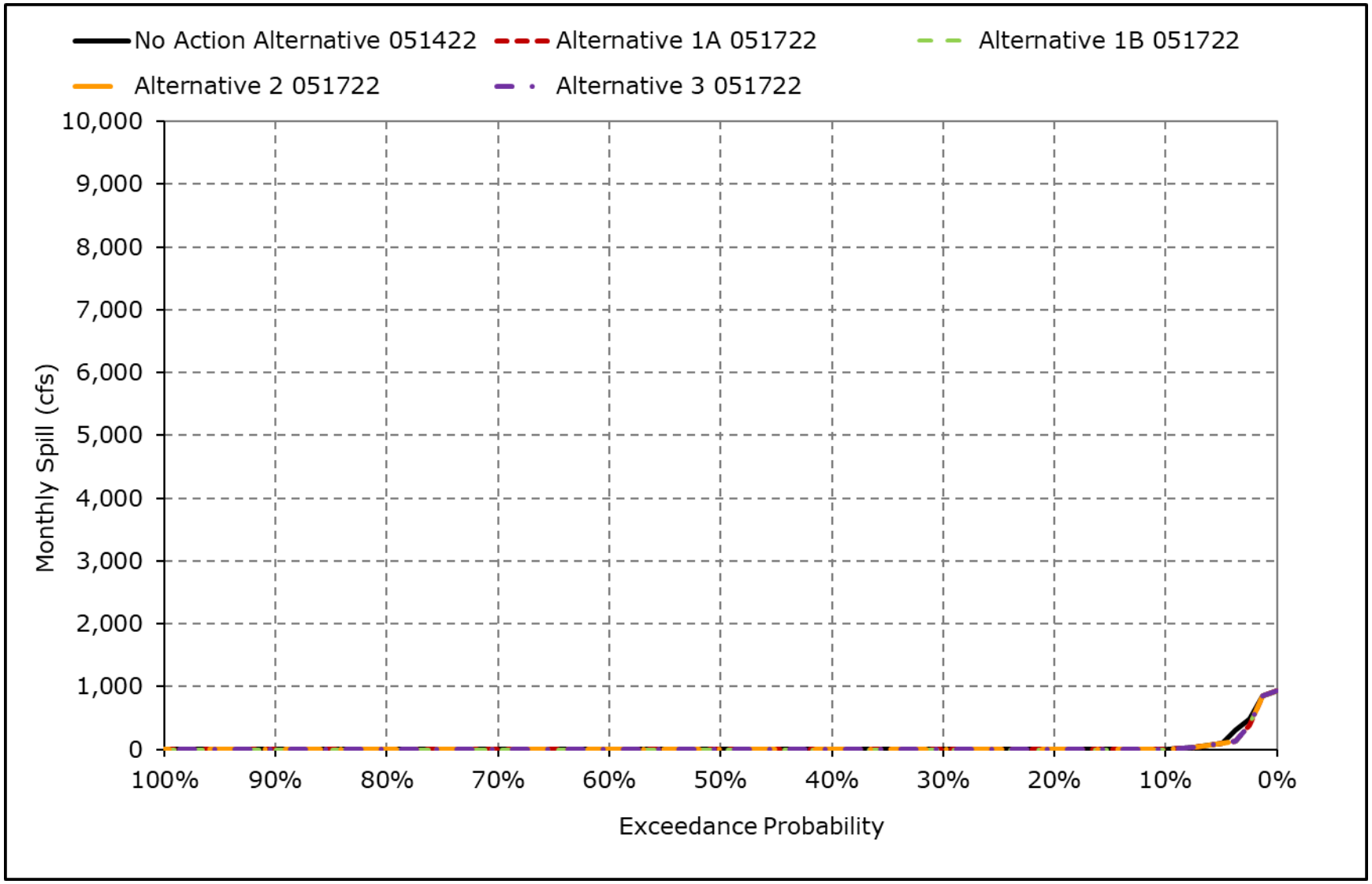
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-12. Moulton Weir Spill, March



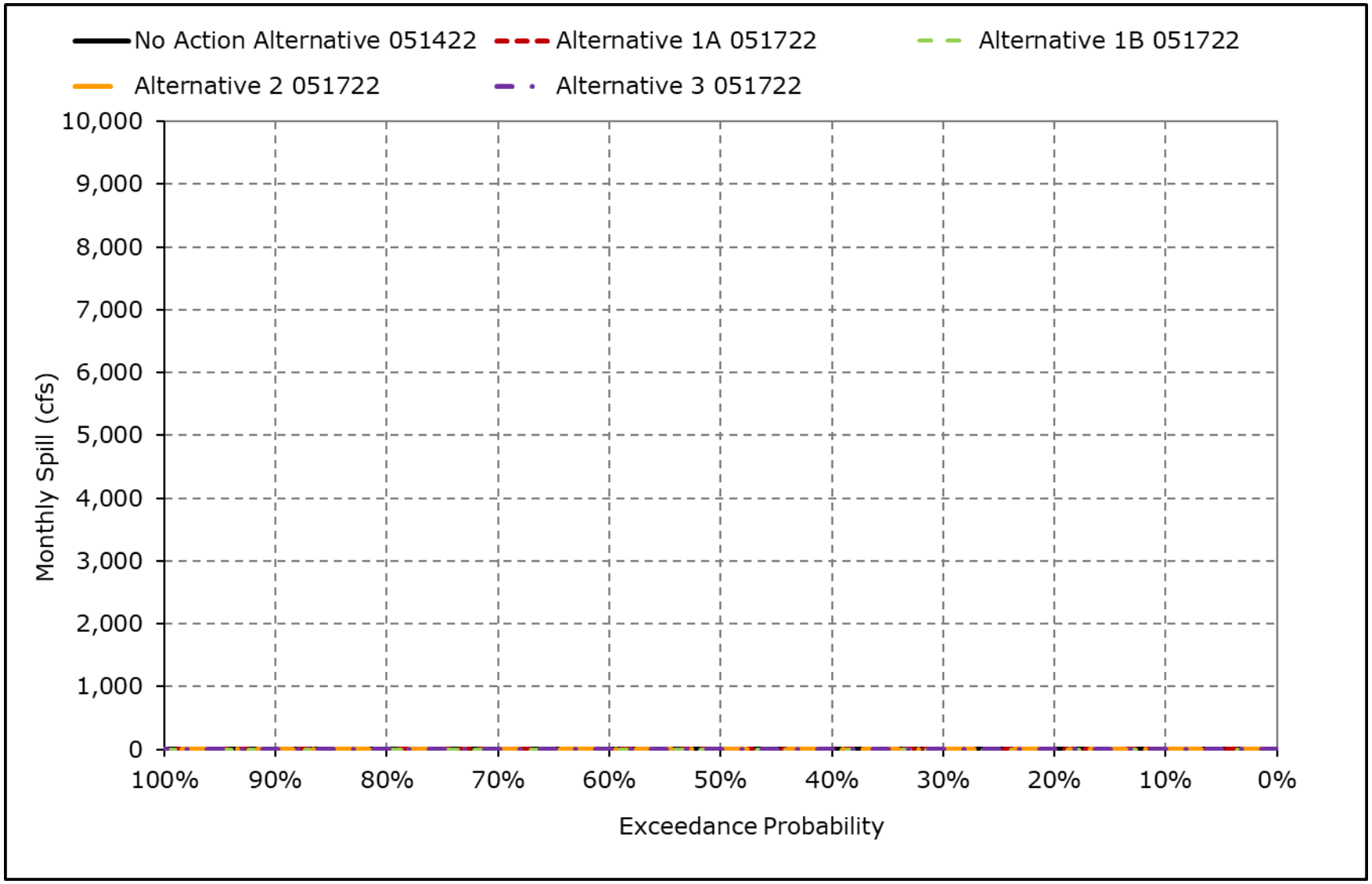
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-13. Moulton Weir Spill, April



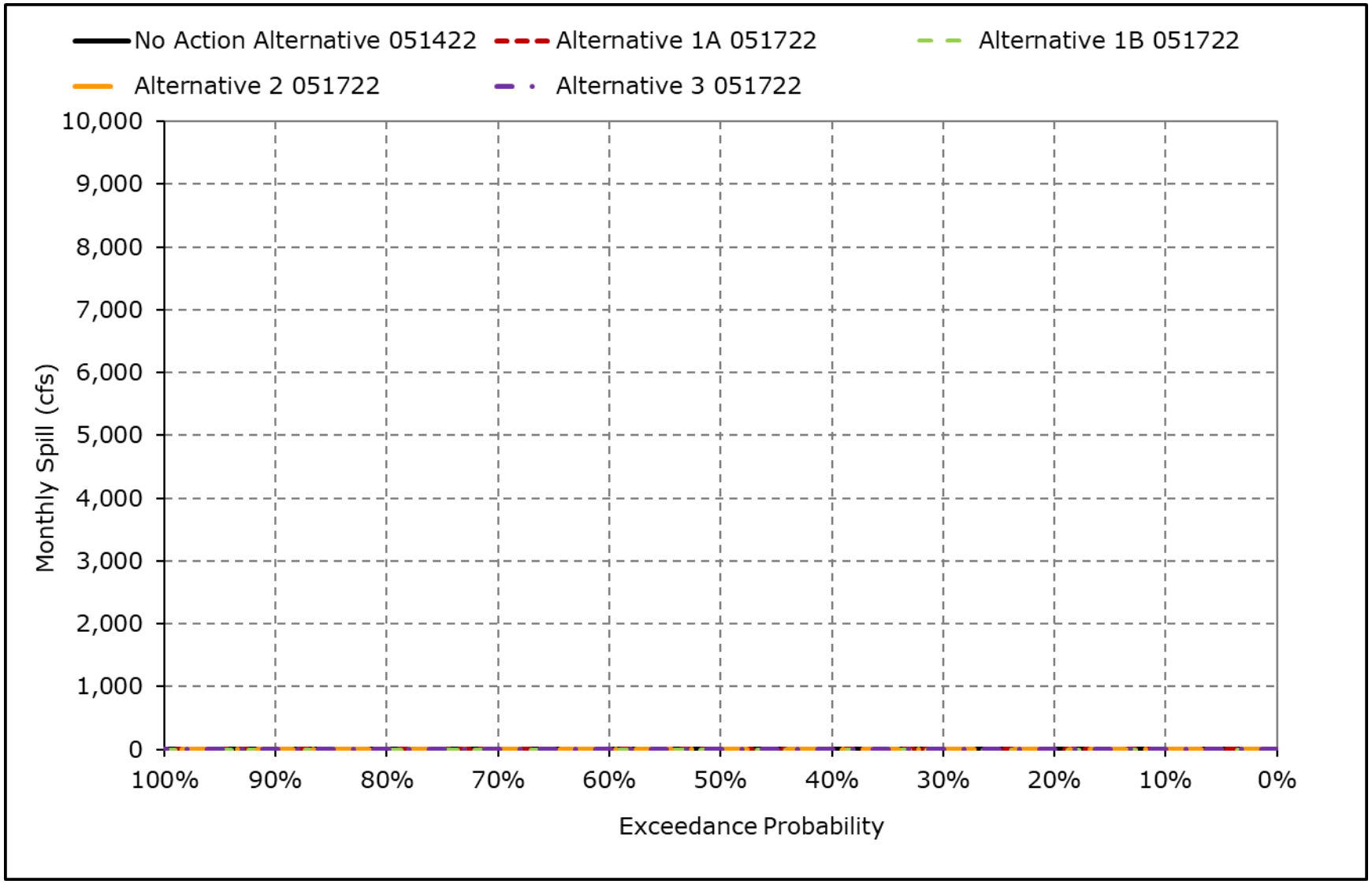
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-14. Moulton Weir Spill, May



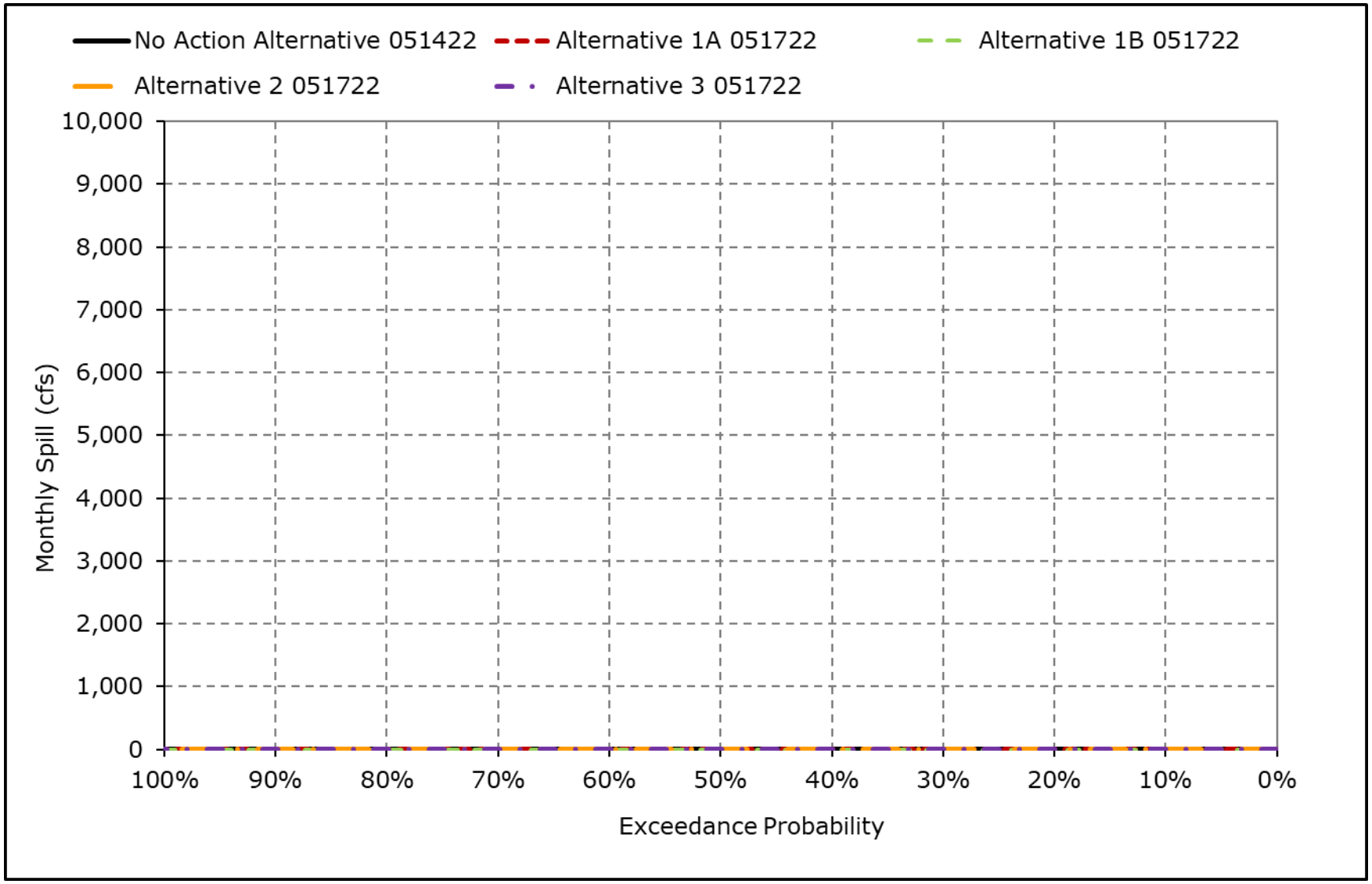
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-15. Moulton Weir Spill, June



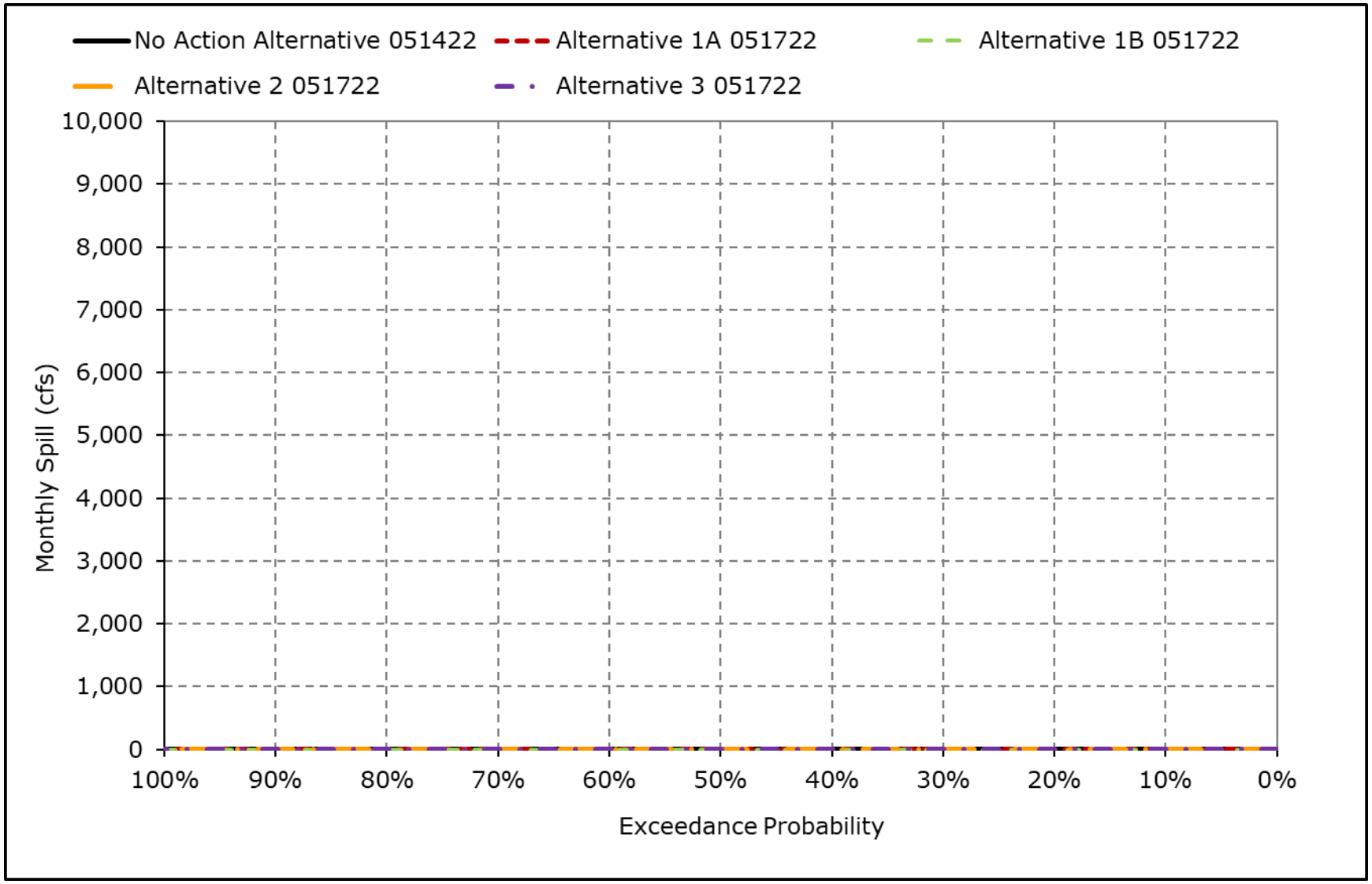
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-16. Moulton Weir Spill, July



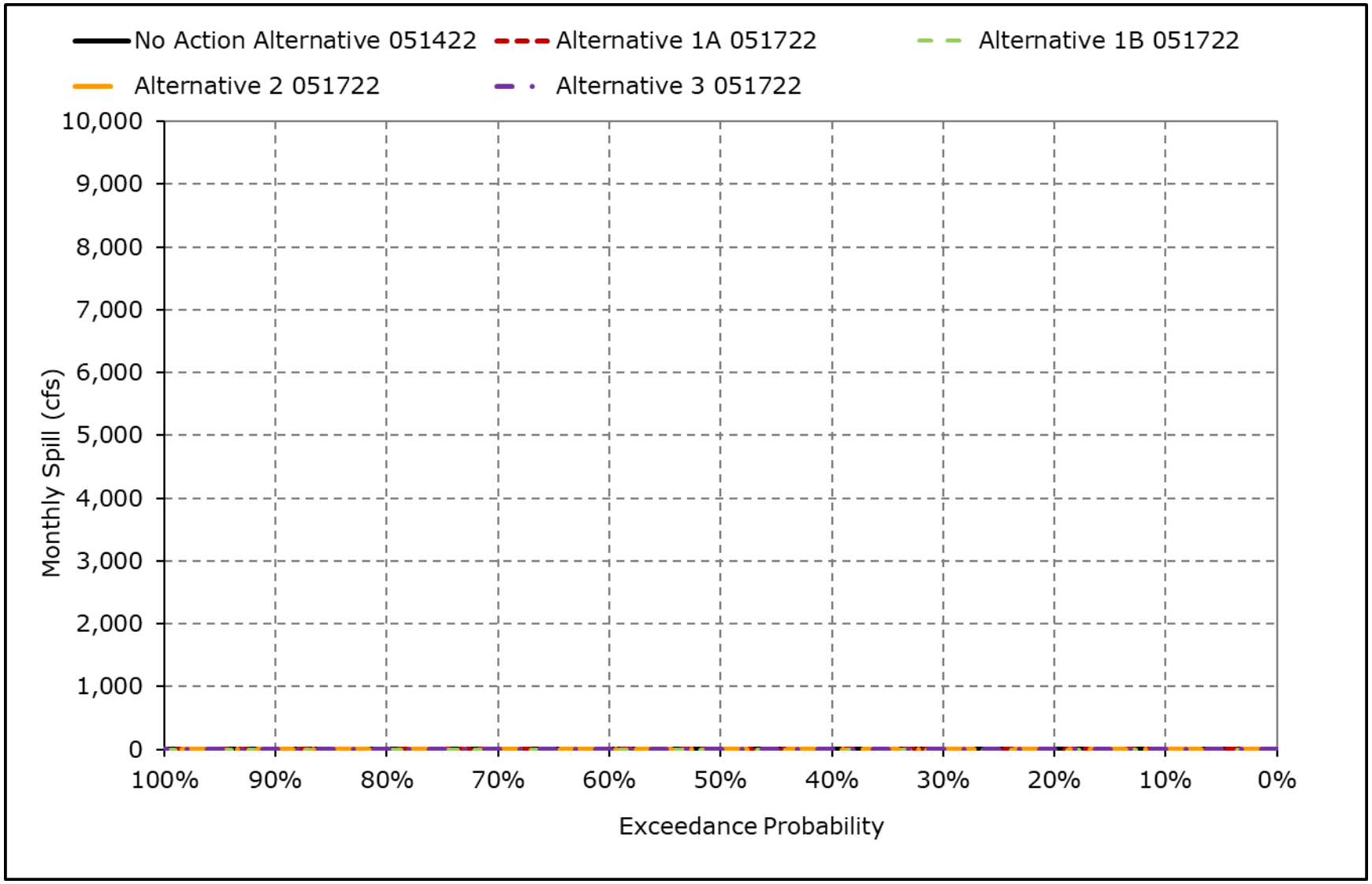
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-17. Moulton Weir Spill, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-6-18. Moulton Weir Spill, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-7-1a. Colusa Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	6,015	15,947	18,446	12,454	3,735	0	0	0	0	0
20% Exceedance	0	0	2,418	7,881	9,857	4,406	993	0	0	0	0	0
30% Exceedance	0	0	221	2,255	5,718	2,080	0	0	0	0	0	0
40% Exceedance	0	0	0	233	2,423	440	0	0	0	0	0	0
50% Exceedance	0	0	0	0	753	20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	9	188	1,731	4,519	5,992	3,826	1,337	82	23	0	0	0
Wet Water Years (32%)	0	61	1,912	11,478	14,633	8,808	3,459	144	71	0	0	0
Above Normal Water Years (15%)	0	726	1,372	4,323	6,061	6,417	1,516	194	0	0	0	0
Below Normal Water Years (17%)	53	70	2,062	915	1,726	144	109	45	0	0	0	0
Dry Water Years (22%)	0	232	2,589	404	766	316	0	0	0	0	0	0
Critical Water Years (15%)	0	0	29	12	18	0	0	0	0	0	0	0

Table 5C-7-1b. Colusa Weir Spill, Alternative 1A 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	5,702	15,311	17,263	12,090	3,307	0	0	0	0	0
20% Exceedance	0	0	2,133	7,250	9,162	4,344	535	0	0	0	0	0
30% Exceedance	0	0	196	2,160	5,282	1,516	0	0	0	0	0	0
40% Exceedance	0	0	0	160	1,905	539	0	0	0	0	0	0
50% Exceedance	0	0	0	0	673	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	7	169	1,633	4,288	5,755	3,650	1,248	81	22	0	0	0
Wet Water Years (32%)	0	56	1,797	11,042	14,133	8,529	3,265	125	70	0	0	0
Above Normal Water Years (15%)	0	684	1,283	3,814	5,869	5,909	1,361	194	0	0	0	0
Below Normal Water Years (17%)	40	50	1,899	824	1,619	109	82	76	0	0	0	0
Dry Water Years (22%)	0	193	2,491	394	625	282	0	0	0	0	0	0
Critical Water Years (15%)	0	0	30	8	7	0	0	0	0	0	0	0

Table 5C-7-1c. Colusa Weir Spill, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-313	-636	-1,184	-363	-428	0	0	0	0	0
20% Exceedance	0	0	-285	-630	-695	-62	-459	0	0	0	0	0
30% Exceedance	0	0	-24	-95	-436	-564	0	0	0	0	0	0
40% Exceedance	0	0	0	-73	-519	99	0	0	0	0	0	0
50% Exceedance	0	0	0	0	-80	-20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-20	-99	-231	-238	-176	-89	-1	0	0	0	0
Wet Water Years (32%)	0	-5	-115	-435	-500	-279	-193	-19	-1	0	0	0
Above Normal Water Years (15%)	0	-42	-89	-509	-192	-509	-155	0	0	0	0	0
Below Normal Water Years (17%)	-12	-20	-163	-91	-107	-34	-27	32	0	0	0	0
Dry Water Years (22%)	0	-39	-97	-10	-141	-34	0	0	0	0	0	0
Critical Water Years (15%)	0	0	2	-4	-12	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-7-2a. Colusa Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	6,015	15,947	18,446	12,454	3,735	0	0	0	0	0
20% Exceedance	0	0	2,418	7,881	9,857	4,406	993	0	0	0	0	0
30% Exceedance	0	0	221	2,255	5,718	2,080	0	0	0	0	0	0
40% Exceedance	0	0	0	233	2,423	440	0	0	0	0	0	0
50% Exceedance	0	0	0	0	753	20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	9	188	1,731	4,519	5,992	3,826	1,337	82	23	0	0	0
Wet Water Years (32%)	0	61	1,912	11,478	14,633	8,808	3,459	144	71	0	0	0
Above Normal Water Years (15%)	0	726	1,372	4,323	6,061	6,417	1,516	194	0	0	0	0
Below Normal Water Years (17%)	53	70	2,062	915	1,726	144	109	45	0	0	0	0
Dry Water Years (22%)	0	232	2,589	404	766	316	0	0	0	0	0	0
Critical Water Years (15%)	0	0	29	12	18	0	0	0	0	0	0	0

Table 5C-7-2b. Colusa Weir Spill, Alternative 1B 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	5,707	15,763	16,857	12,086	3,259	0	0	0	0	0
20% Exceedance	0	0	2,449	7,250	9,052	4,343	726	0	0	0	0	0
30% Exceedance	0	0	204	2,113	5,291	1,693	0	0	0	0	0	0
40% Exceedance	0	0	0	188	1,911	384	0	0	0	0	0	0
50% Exceedance	0	0	0	0	667	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	7	172	1,646	4,294	5,771	3,637	1,253	81	22	0	0	0
Wet Water Years (32%)	0	52	1,821	11,073	14,135	8,512	3,263	125	70	0	0	0
Above Normal Water Years (15%)	0	710	1,267	3,799	5,925	5,920	1,396	194	0	0	0	0
Below Normal Water Years (17%)	41	50	1,900	818	1,660	110	82	77	0	0	0	0
Dry Water Years (22%)	0	196	2,525	395	627	241	0	0	0	0	0	0
Critical Water Years (15%)	0	0	30	8	7	0	0	0	0	0	0	0

Table 5C-7-2c. Colusa Weir Spill, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-308	-184	-1,589	-368	-476	0	0	0	0	0
20% Exceedance	0	0	31	-630	-805	-63	-267	0	0	0	0	0
30% Exceedance	0	0	-17	-141	-427	-388	0	0	0	0	0	0
40% Exceedance	0	0	0	-45	-513	-56	0	0	0	0	0	0
50% Exceedance	0	0	0	0	-86	-20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-16	-86	-224	-222	-189	-84	-1	0	0	0	0
Wet Water Years (32%)	0	-9	-91	-405	-498	-296	-196	-19	-1	0	0	0
Above Normal Water Years (15%)	0	-16	-105	-524	-137	-497	-120	0	0	0	0	0
Below Normal Water Years (17%)	-12	-20	-162	-97	-67	-34	-27	32	0	0	0	0
Dry Water Years (22%)	0	-36	-64	-10	-139	-74	0	0	0	0	0	0
Critical Water Years (15%)	0	0	2	-4	-12	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-7-3a. Colusa Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	6,015	15,947	18,446	12,454	3,735	0	0	0	0	0
20% Exceedance	0	0	2,418	7,881	9,857	4,406	993	0	0	0	0	0
30% Exceedance	0	0	221	2,255	5,718	2,080	0	0	0	0	0	0
40% Exceedance	0	0	0	233	2,423	440	0	0	0	0	0	0
50% Exceedance	0	0	0	0	753	20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	9	188	1,731	4,519	5,992	3,826	1,337	82	23	0	0	0
Wet Water Years (32%)	0	61	1,912	11,478	14,633	8,808	3,459	144	71	0	0	0
Above Normal Water Years (15%)	0	726	1,372	4,323	6,061	6,417	1,516	194	0	0	0	0
Below Normal Water Years (17%)	53	70	2,062	915	1,726	144	109	45	0	0	0	0
Dry Water Years (22%)	0	232	2,589	404	766	316	0	0	0	0	0	0
Critical Water Years (15%)	0	0	29	12	18	0	0	0	0	0	0	0

Table 5C-7-3b. Colusa Weir Spill, Alternative 2 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	5,712	15,324	17,788	12,096	3,348	0	0	0	0	0
20% Exceedance	0	0	2,143	7,258	9,162	4,344	726	0	0	0	0	0
30% Exceedance	0	0	196	2,141	5,287	1,516	0	0	0	0	0	0
40% Exceedance	0	0	0	161	1,905	539	0	0	0	0	0	0
50% Exceedance	0	0	0	0	674	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	7	169	1,636	4,293	5,780	3,668	1,254	81	22	0	0	0
Wet Water Years (32%)	0	56	1,799	11,060	14,233	8,573	3,267	125	70	0	0	0
Above Normal Water Years (15%)	0	684	1,284	3,815	5,824	5,939	1,392	194	0	0	0	0
Below Normal Water Years (17%)	40	50	1,899	819	1,620	110	82	76	0	0	0	0
Dry Water Years (22%)	0	193	2,501	394	625	282	0	0	0	0	0	0
Critical Water Years (15%)	0	0	30	8	7	0	0	0	0	0	0	0

Table 5C-7-3c. Colusa Weir Spill, Alternative 2 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-304	-623	-659	-358	-387	0	0	0	0	0
20% Exceedance	0	0	-275	-623	-695	-62	-267	0	0	0	0	0
30% Exceedance	0	0	-24	-114	-431	-564	0	0	0	0	0	0
40% Exceedance	0	0	0	-72	-518	99	0	0	0	0	0	0
50% Exceedance	0	0	0	0	-79	-20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-20	-96	-226	-212	-158	-84	-1	0	0	0	0
Wet Water Years (32%)	0	-5	-113	-418	-399	-235	-191	-19	-1	0	0	0
Above Normal Water Years (15%)	0	-42	-88	-507	-237	-478	-125	0	0	0	0	0
Below Normal Water Years (17%)	-12	-20	-164	-96	-107	-34	-27	32	0	0	0	0
Dry Water Years (22%)	0	-39	-87	-10	-141	-34	0	0	0	0	0	0
Critical Water Years (15%)	0	0	2	-4	-12	0	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-7-4a. Colusa Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	6,015	15,947	18,446	12,454	3,735	0	0	0	0	0
20% Exceedance	0	0	2,418	7,881	9,857	4,406	993	0	0	0	0	0
30% Exceedance	0	0	221	2,255	5,718	2,080	0	0	0	0	0	0
40% Exceedance	0	0	0	233	2,423	440	0	0	0	0	0	0
50% Exceedance	0	0	0	0	753	20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	9	188	1,731	4,519	5,992	3,826	1,337	82	23	0	0	0
Wet Water Years (32%)	0	61	1,912	11,478	14,633	8,808	3,459	144	71	0	0	0
Above Normal Water Years (15%)	0	726	1,372	4,323	6,061	6,417	1,516	194	0	0	0	0
Below Normal Water Years (17%)	53	70	2,062	915	1,726	144	109	45	0	0	0	0
Dry Water Years (22%)	0	232	2,589	404	766	316	0	0	0	0	0	0
Critical Water Years (15%)	0	0	29	12	18	0	0	0	0	0	0	0

Table 5C-7-4b. Colusa Weir Spill, Alternative 3 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	5,812	15,953	16,698	12,092	3,145	0	0	0	0	0
20% Exceedance	0	0	2,919	7,251	9,216	4,178	726	0	0	0	0	0
30% Exceedance	0	0	218	2,109	4,785	1,644	0	0	0	0	0	0
40% Exceedance	0	0	0	189	2,224	422	0	0	0	0	0	0
50% Exceedance	0	0	0	0	665	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	7	187	1,691	4,300	5,768	3,620	1,243	80	22	0	0	0
Wet Water Years (32%)	0	56	1,851	11,093	14,035	8,452	3,233	125	71	0	0	0
Above Normal Water Years (15%)	0	775	1,229	3,796	5,997	5,900	1,400	194	0	0	0	0
Below Normal Water Years (17%)	41	51	1,953	818	1,773	90	75	67	0	0	0	0
Dry Water Years (22%)	0	213	2,673	394	621	282	0	0	0	0	0	0
Critical Water Years (15%)	0	0	29	8	7	0	0	0	0	0	0	0

Table 5C-7-4c. Colusa Weir Spill, Alternative 3 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-204	6	-1,749	-362	-590	0	0	0	0	0
20% Exceedance	0	0	501	-629	-641	-229	-267	0	0	0	0	0
30% Exceedance	0	0	-3	-145	-933	-436	0	0	0	0	0	0
40% Exceedance	0	0	0	-44	-199	-18	0	0	0	0	0	0
50% Exceedance	0	0	0	0	-89	-20	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-2	-41	-218	-225	-205	-94	-2	0	0	0	0
Wet Water Years (32%)	0	-5	-61	-384	-598	-357	-225	-19	-1	0	0	0
Above Normal Water Years (15%)	0	49	-143	-527	-64	-517	-117	0	0	0	0	0
Below Normal Water Years (17%)	-11	-19	-109	-97	47	-54	-35	23	0	0	0	0
Dry Water Years (22%)	0	-19	84	-10	-145	-33	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	-4	-12	0	0	0	0	0	0	0

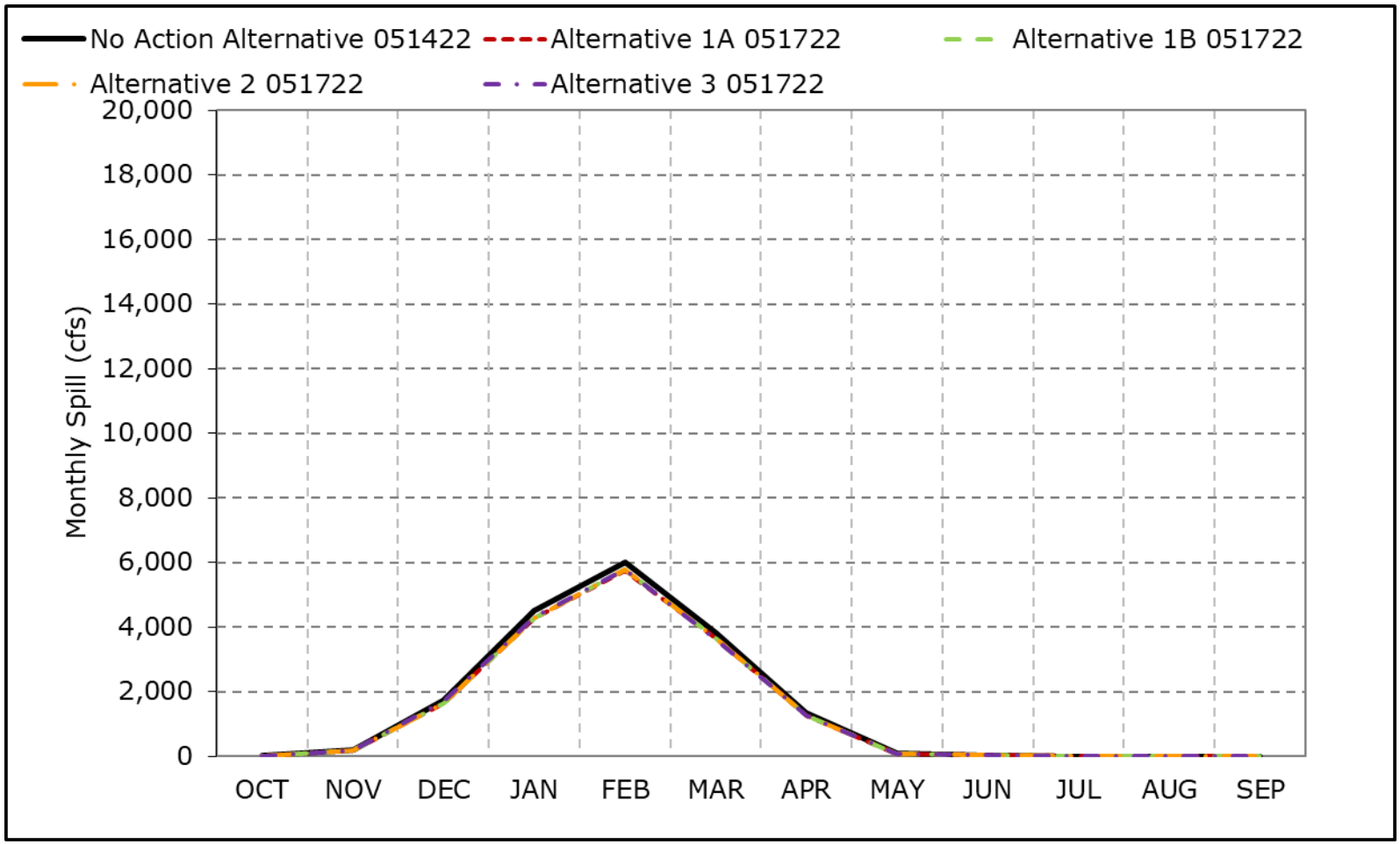
[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

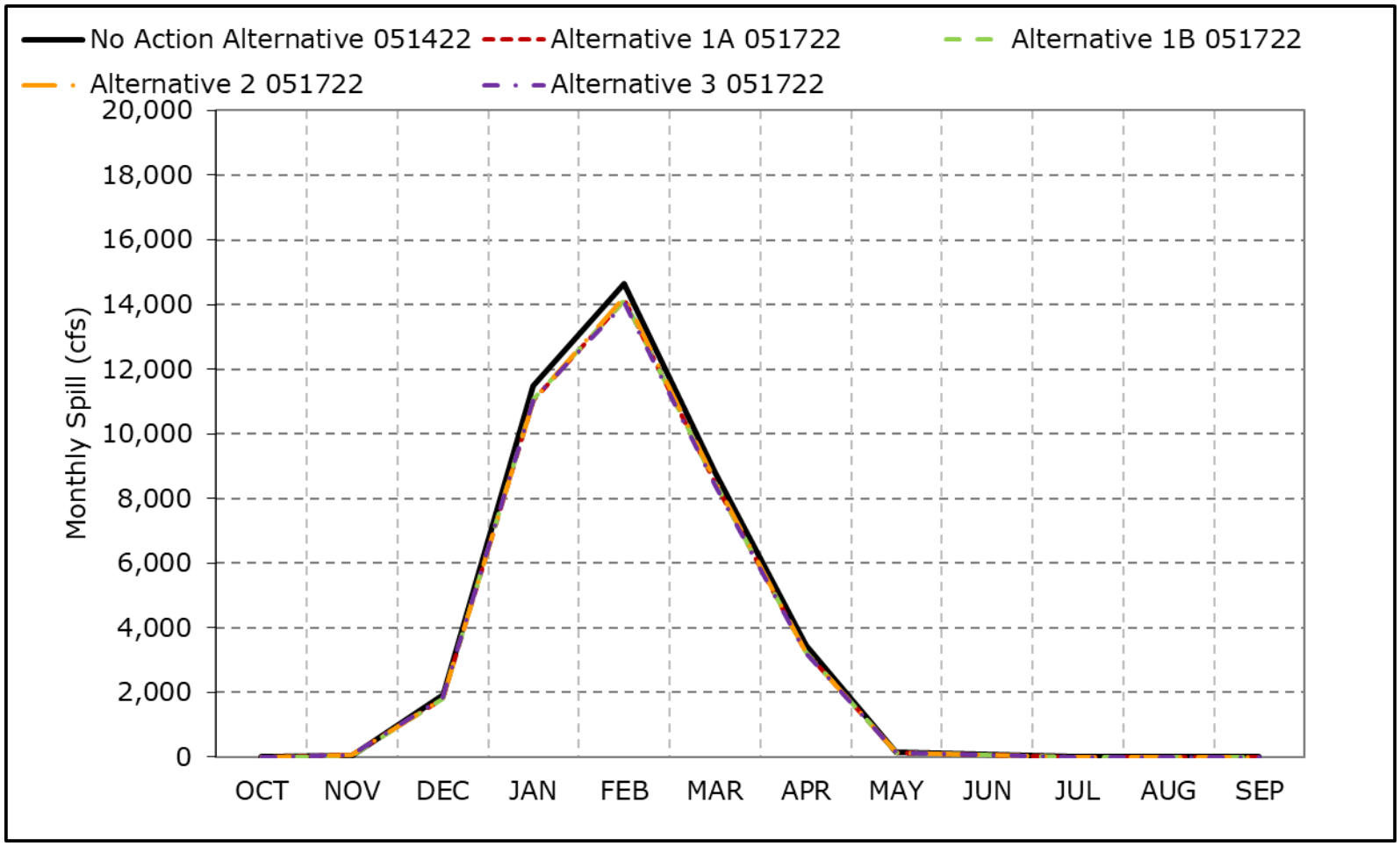
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-1. Colusa Weir Spill, Long-Term Average Spill



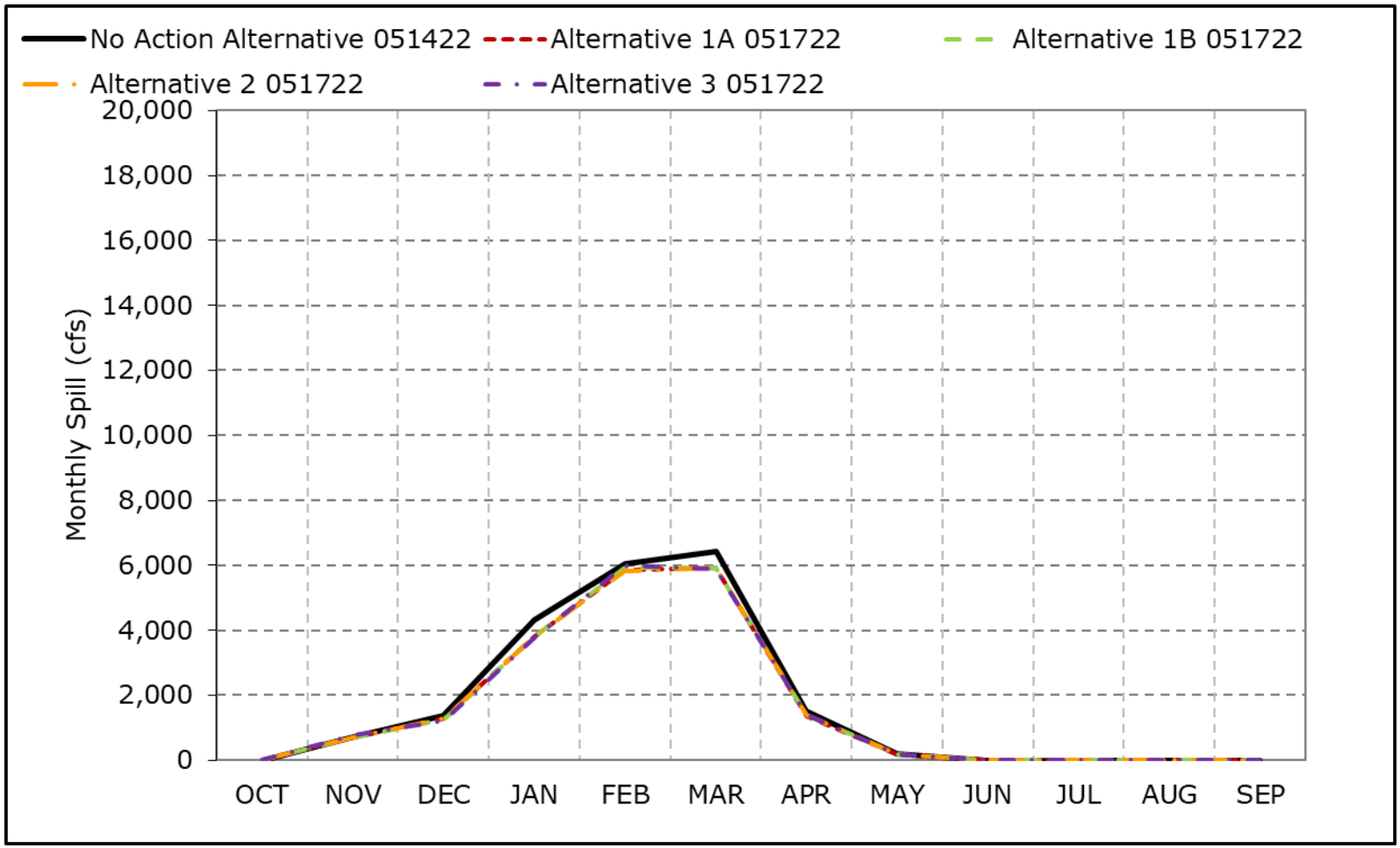
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-2. Colusa Weir Spill, Wet Year Average Spill



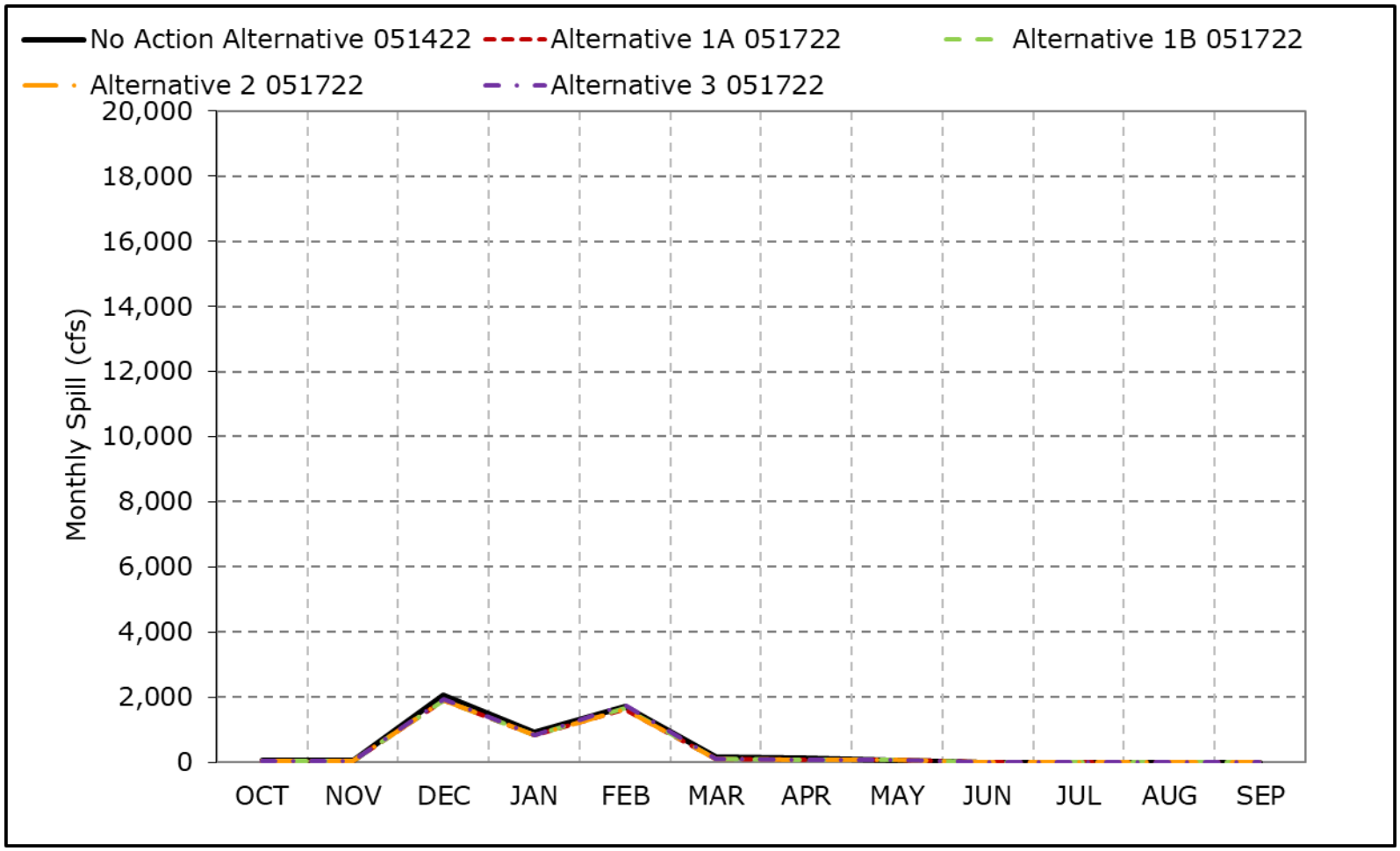
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-3. Colusa Weir Spill, Above Normal Year Average Spill



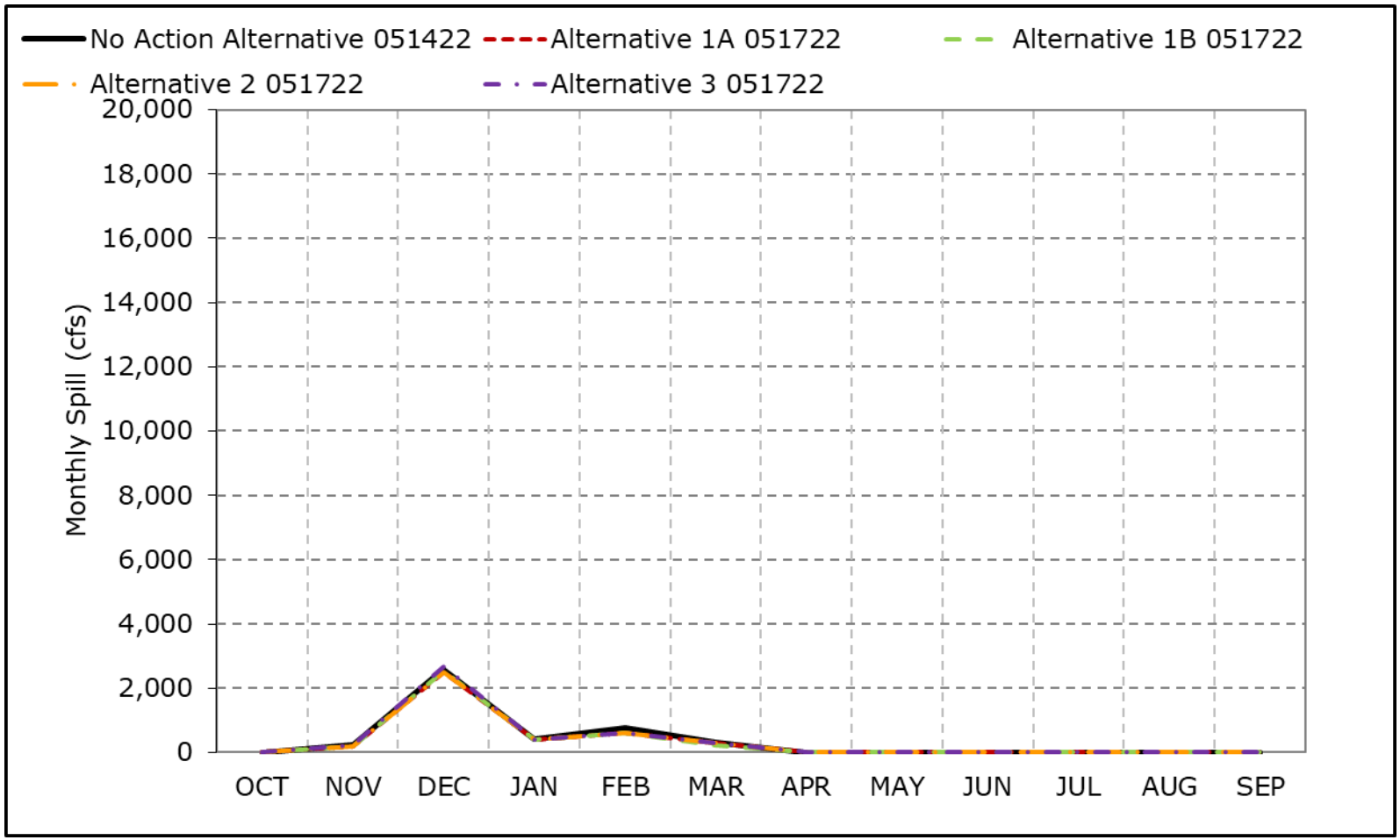
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-4. Colusa Weir Spill, Below Normal Year Average Spill



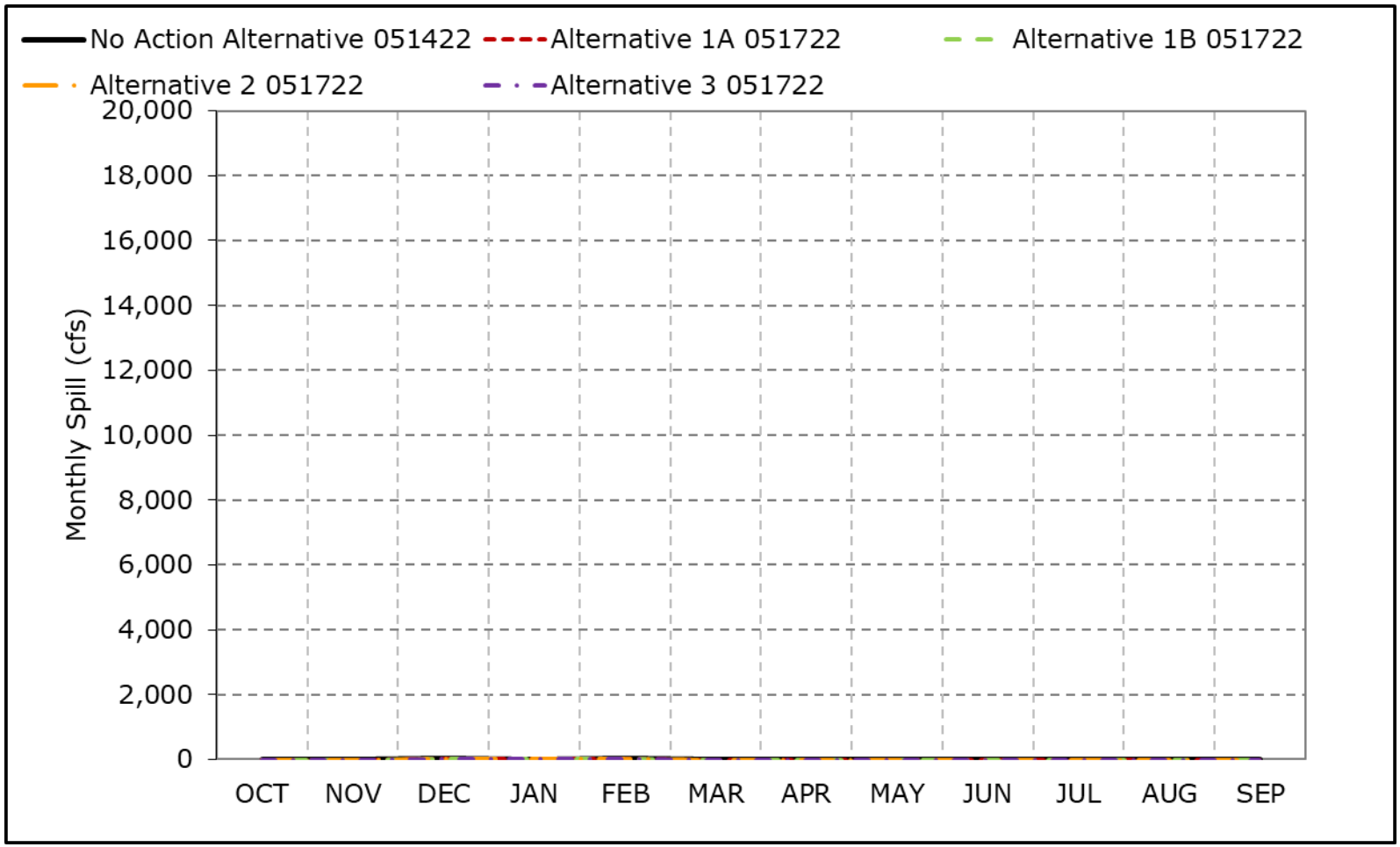
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-5. Colusa Weir Spill, Dry Year Average Spill



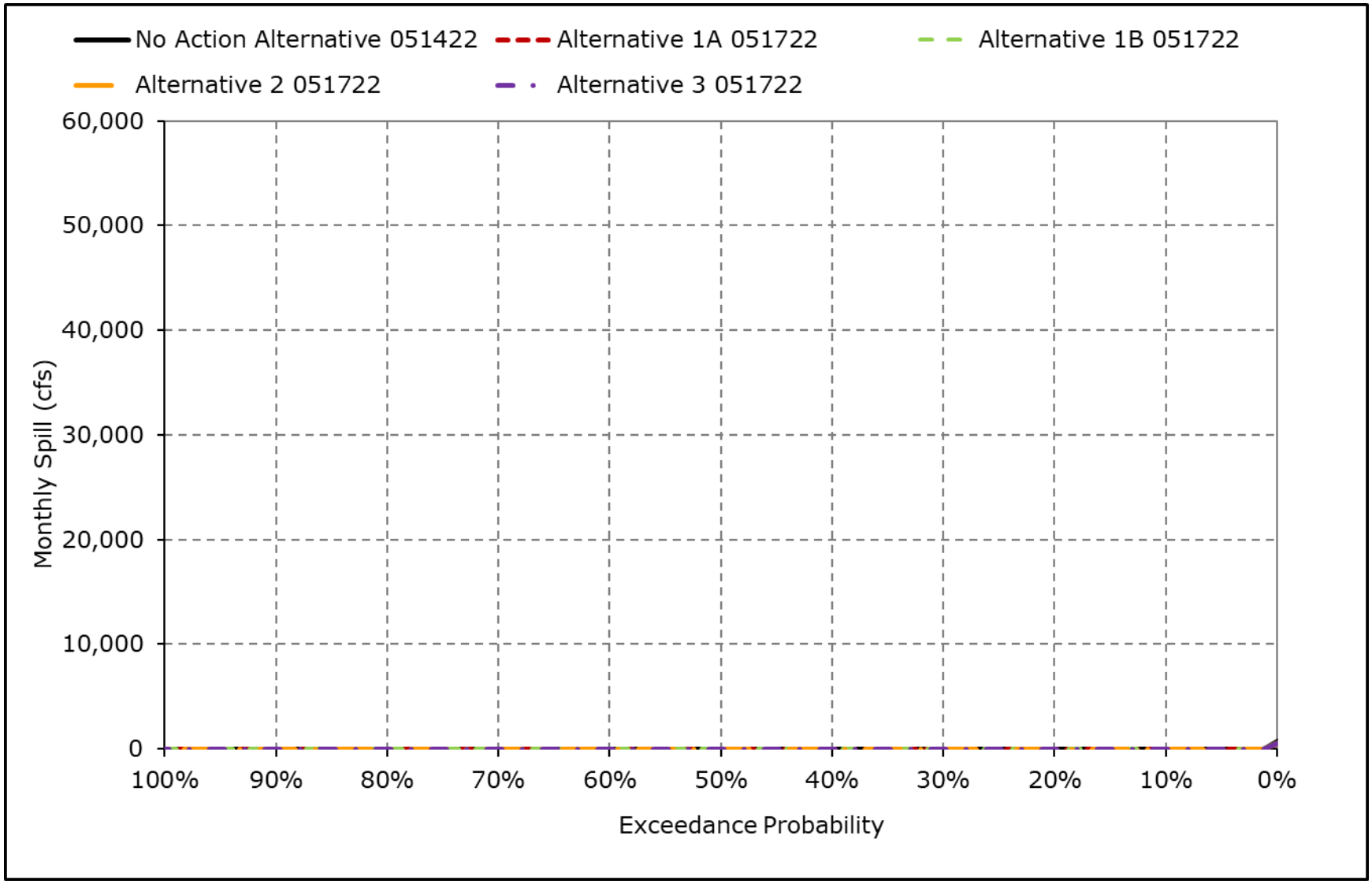
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-6. Colusa Weir Spill, Critical Year Average Spill



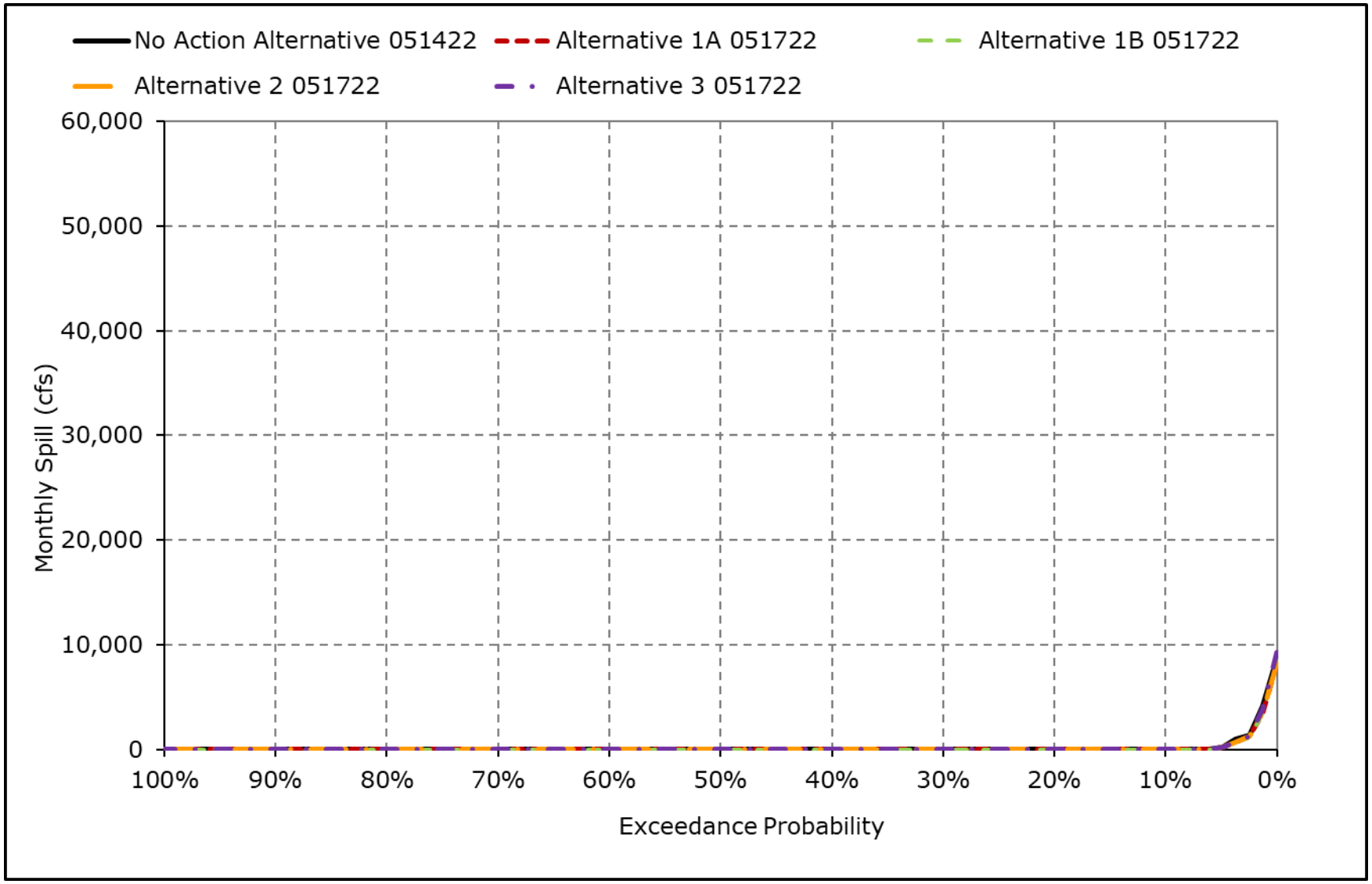
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-7. Colusa Weir Spill, October



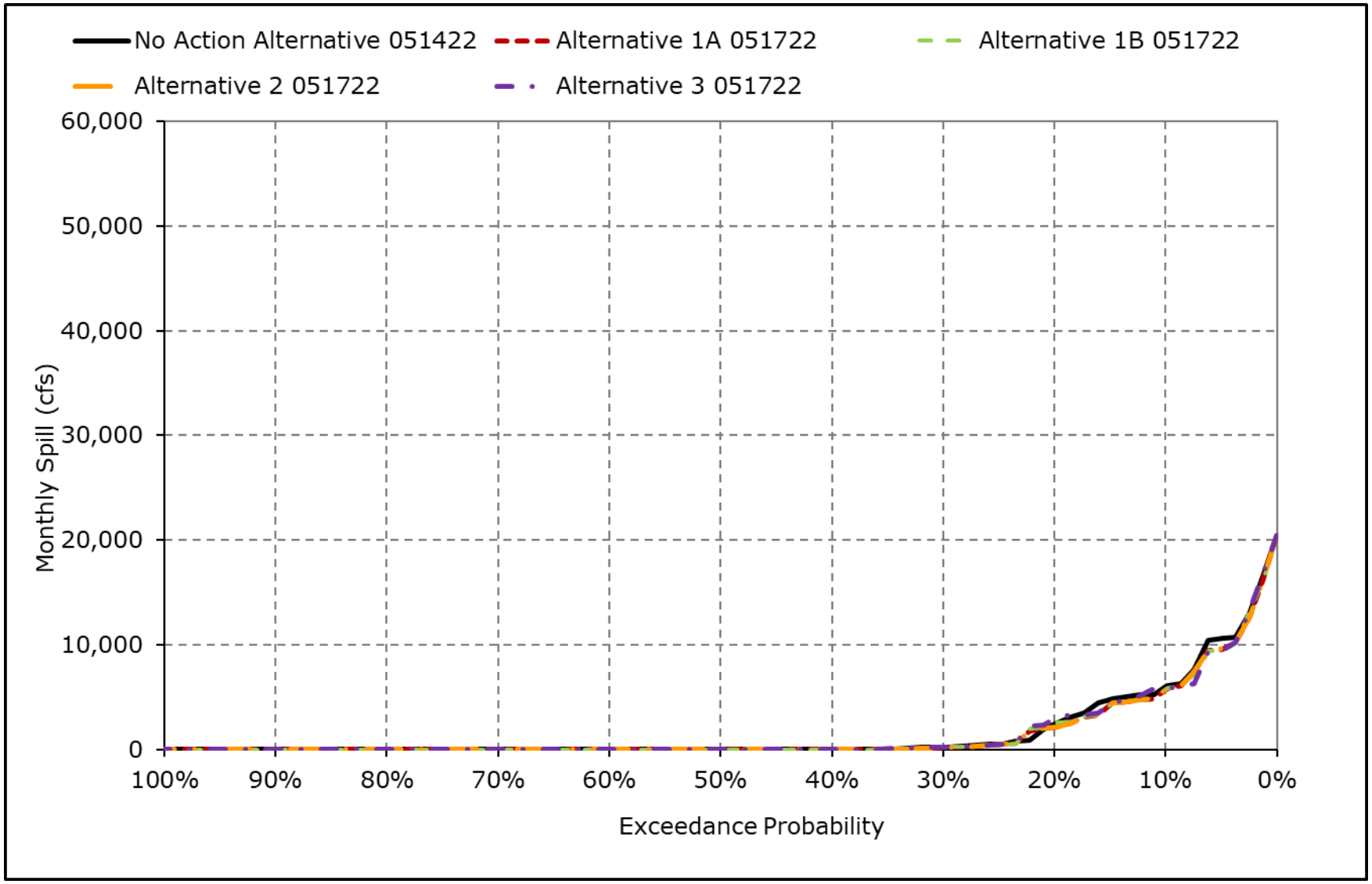
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-8. Colusa Weir Spill, November



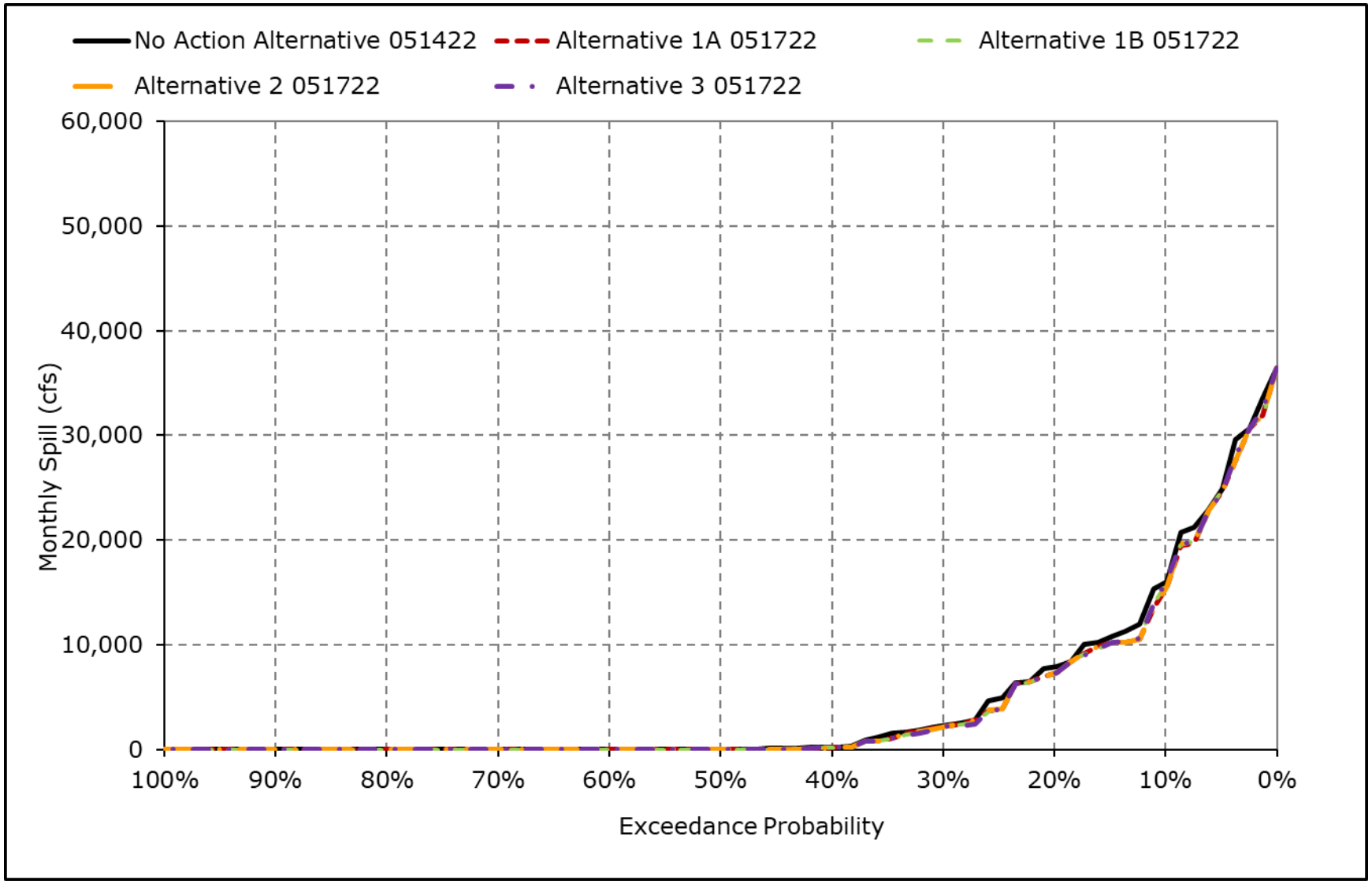
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-9. Colusa Weir Spill, December



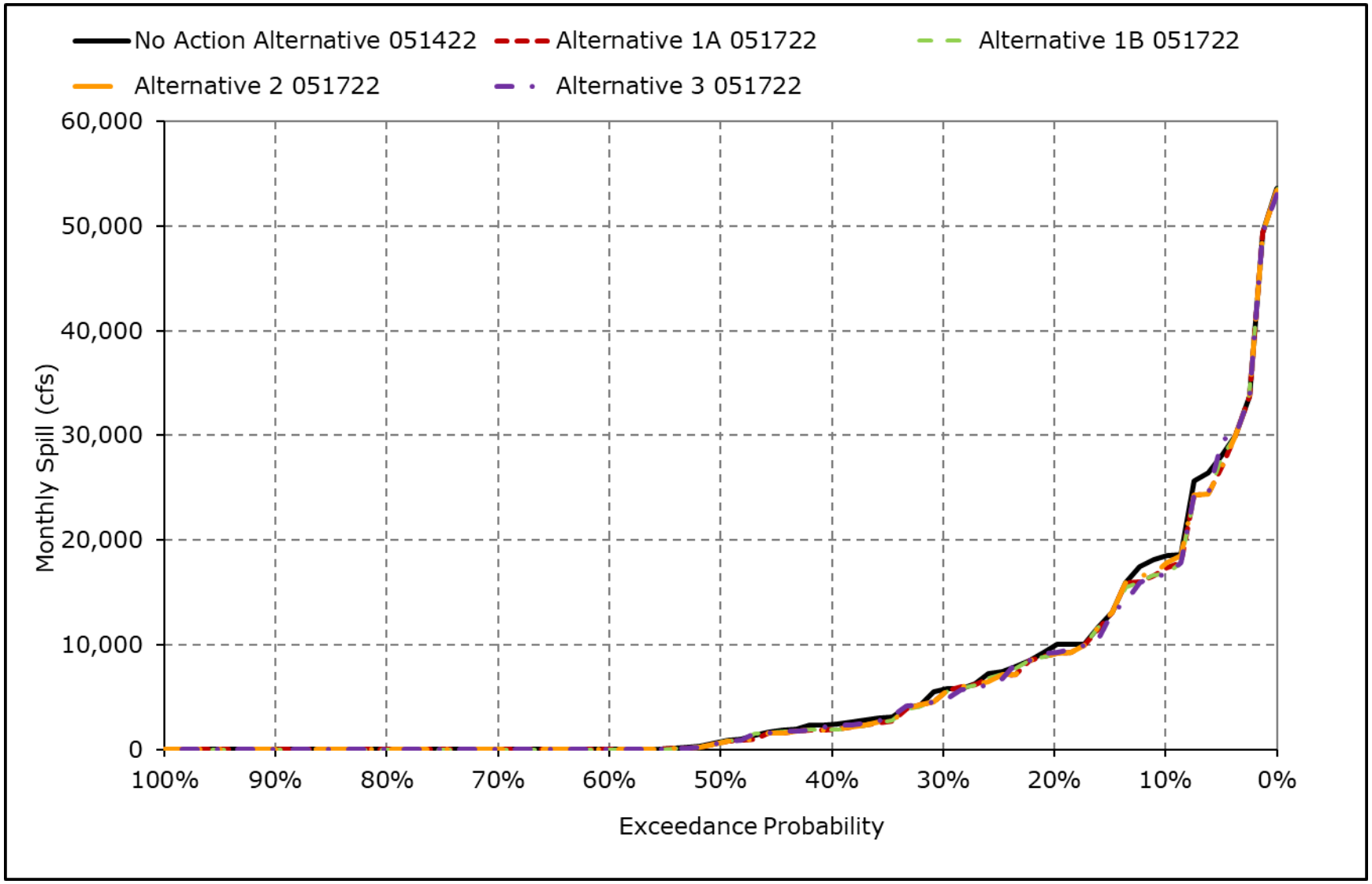
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-10. Colusa Weir Spill, January



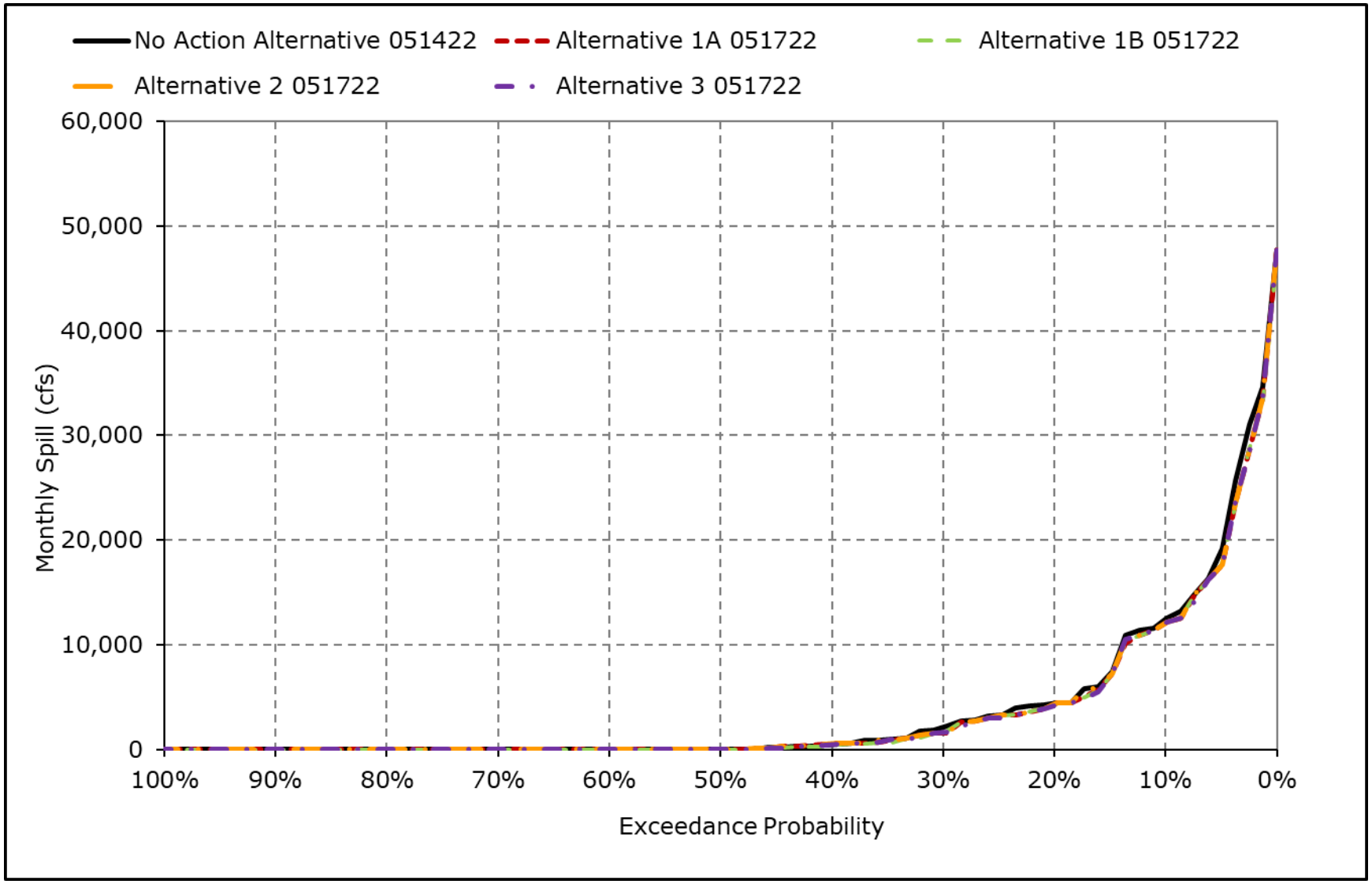
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-11. Colusa Weir Spill, February



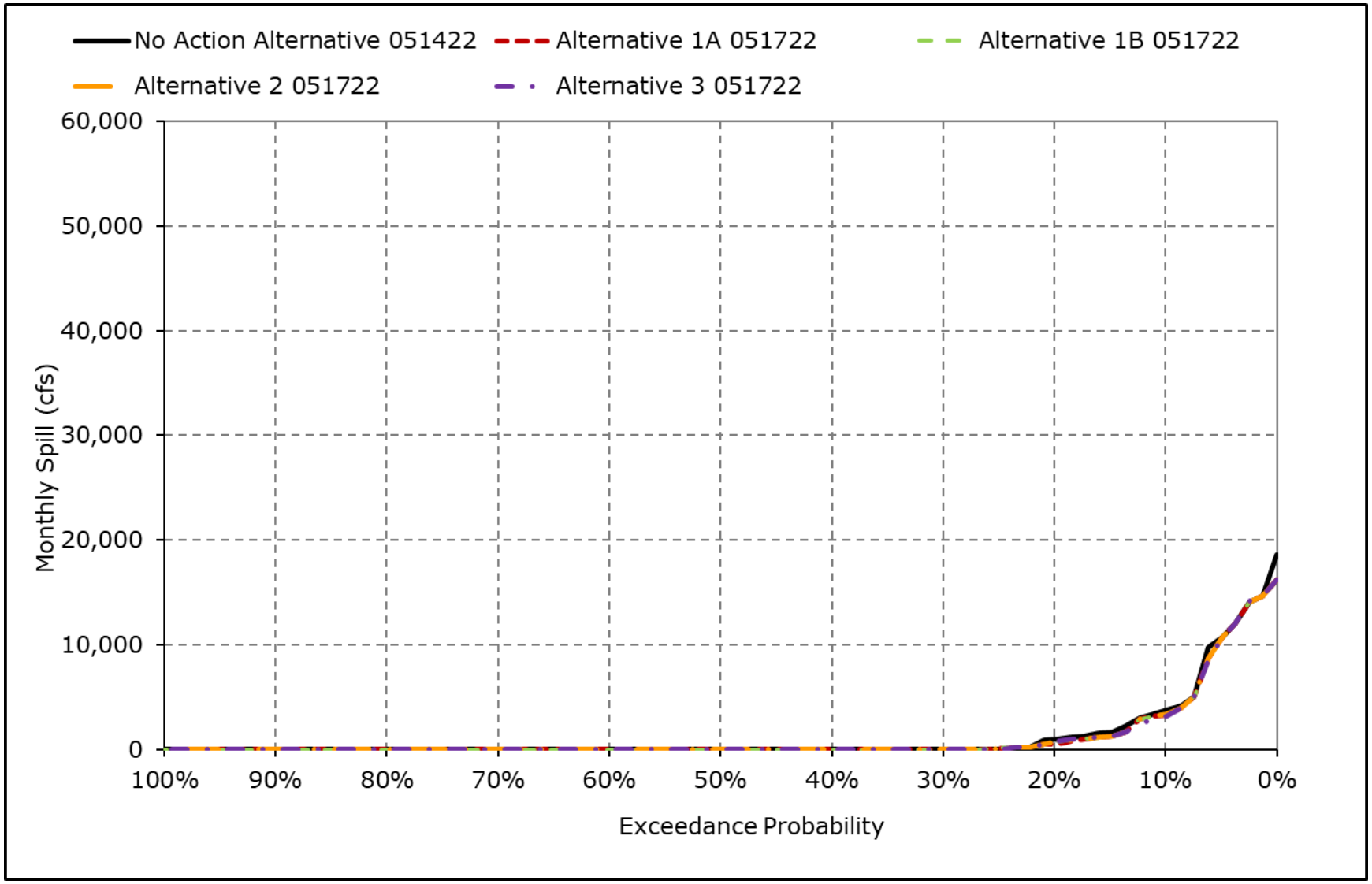
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-12. Colusa Weir Spill, March



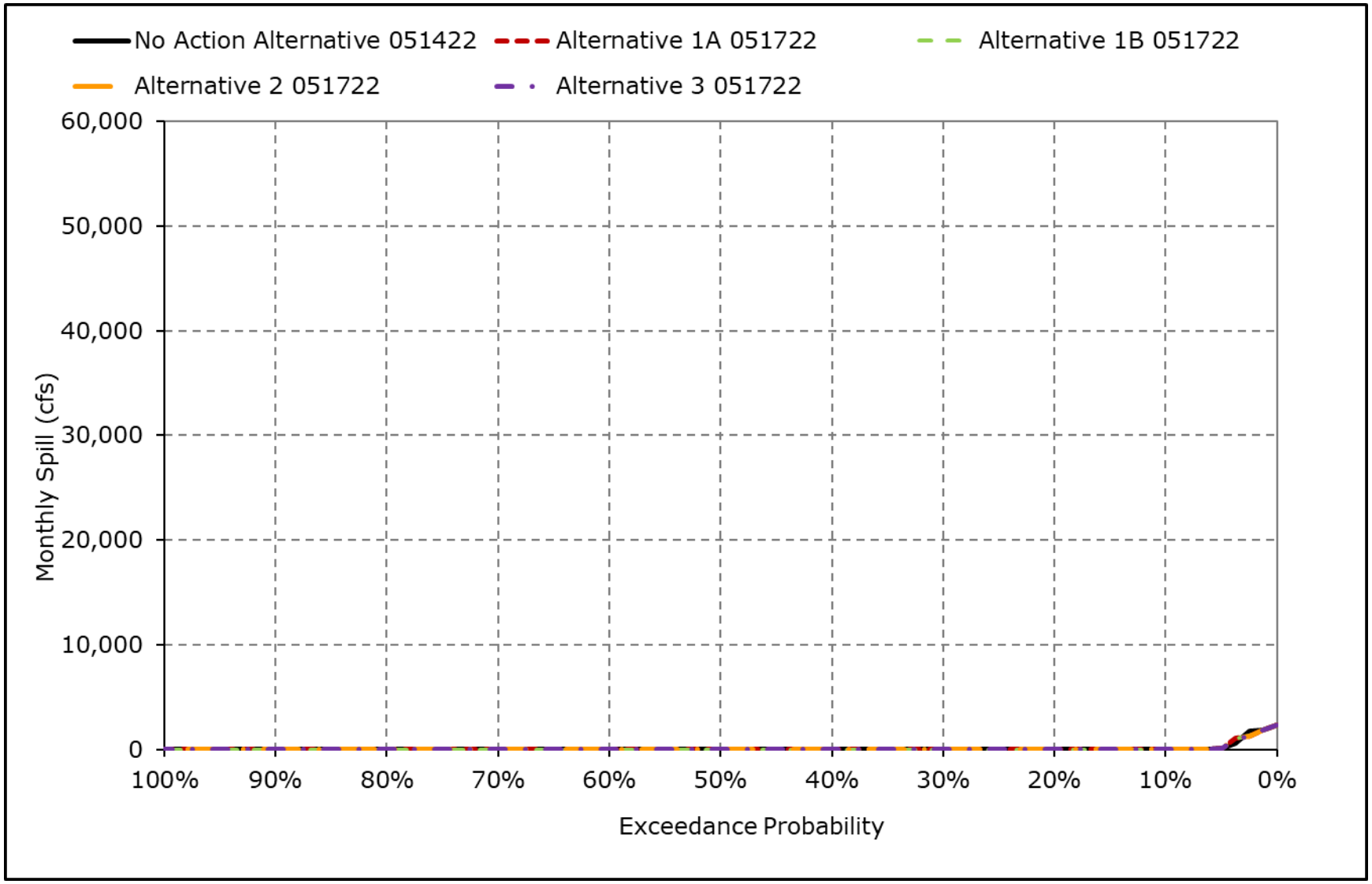
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-13. Colusa Weir Spill, April



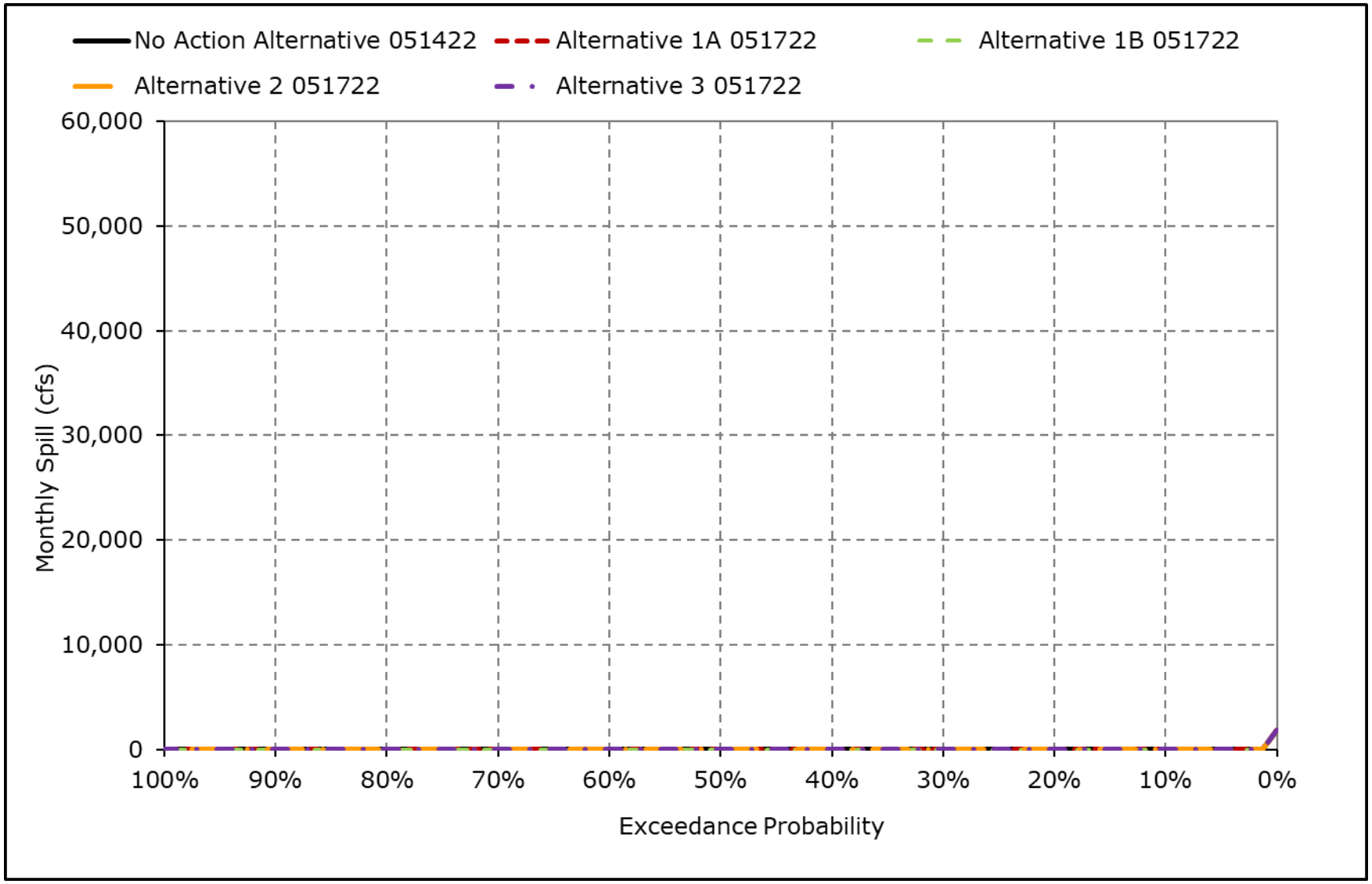
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-14. Colusa Weir Spill, May



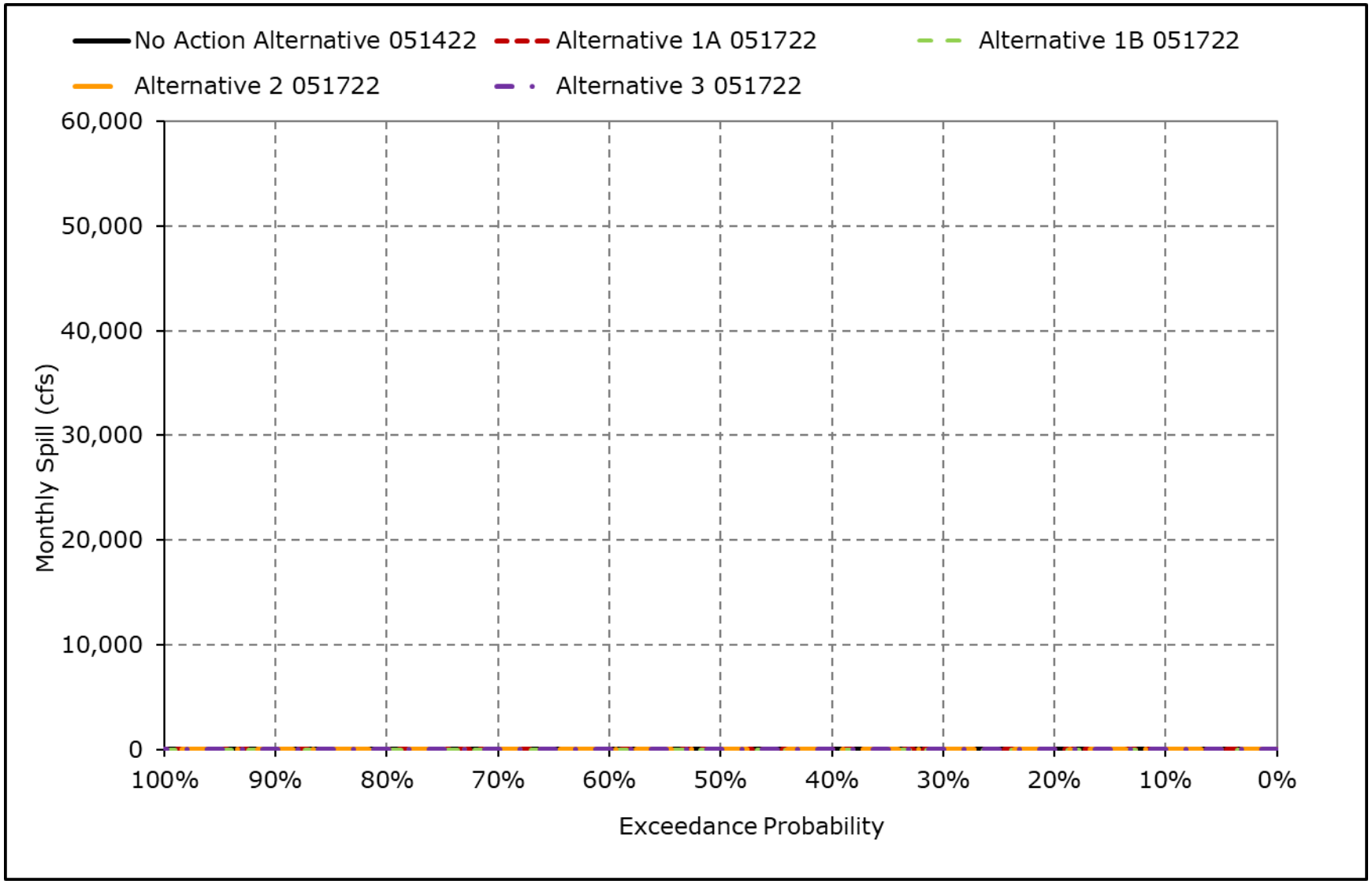
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-15. Colusa Weir Spill, June



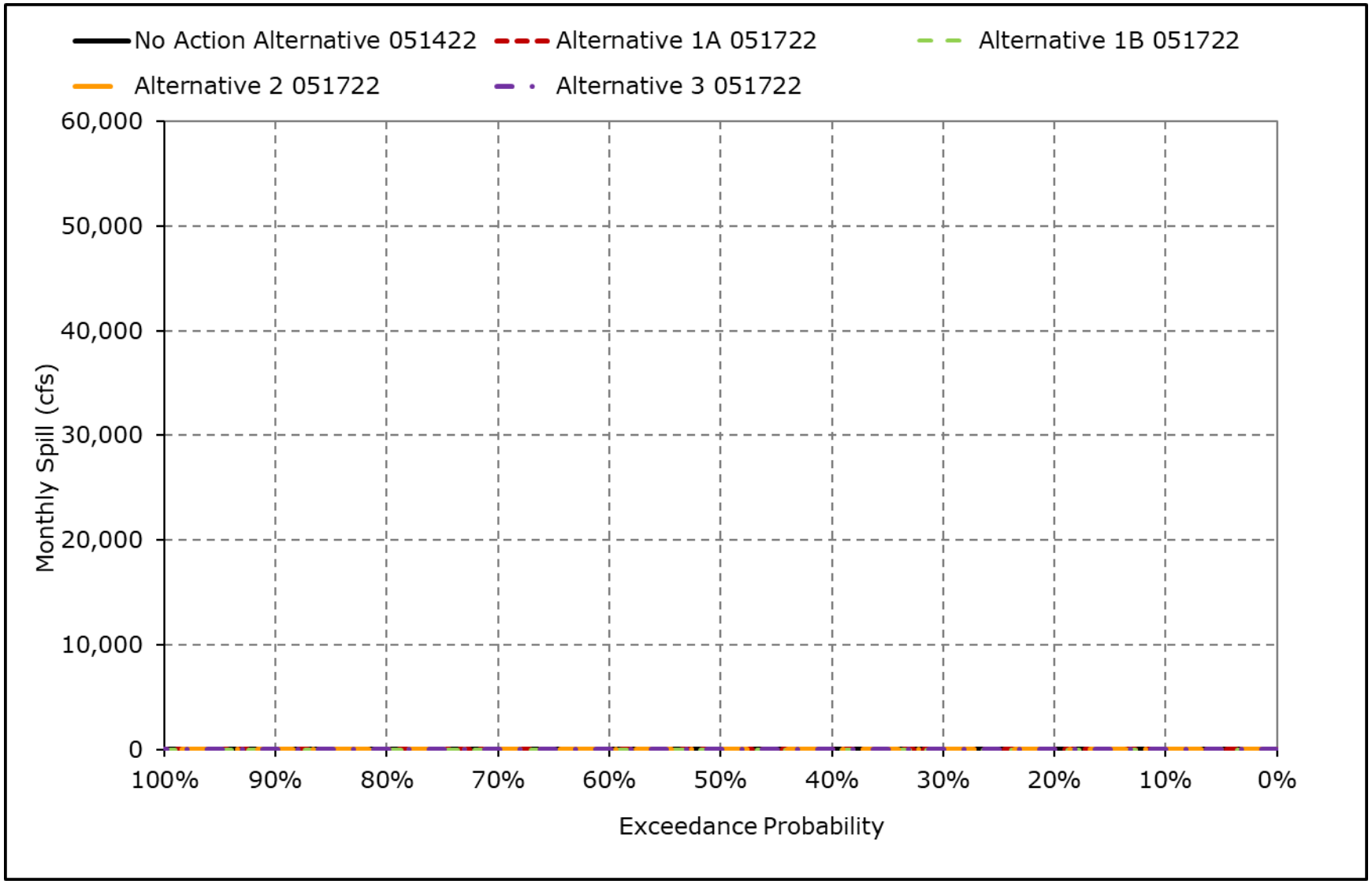
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-16. Colusa Weir Spill, July



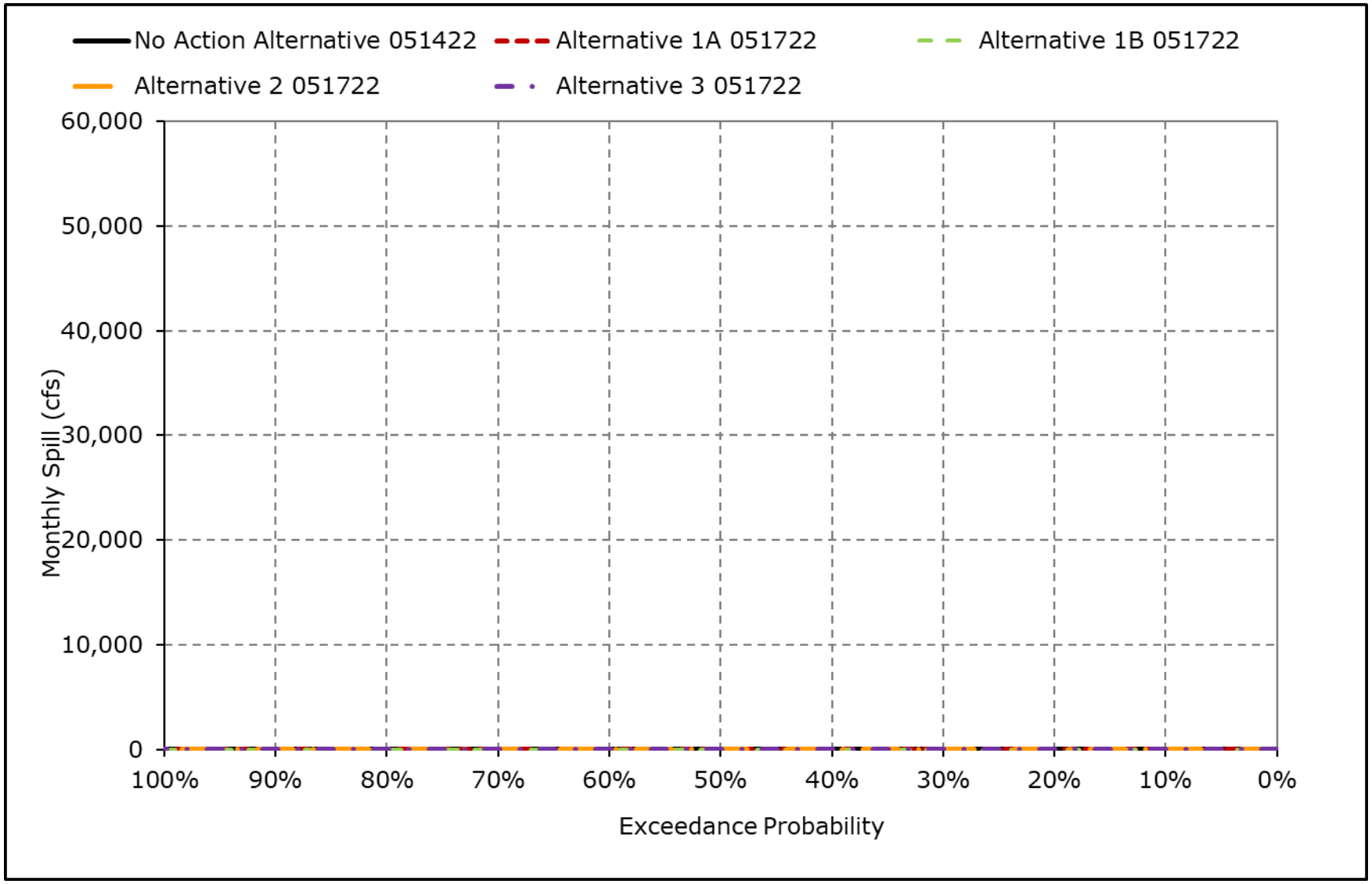
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-17. Colusa Weir Spill, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-7-18. Colusa Weir Spill, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-8-1a. Tisdale Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	19	4,741	9,148	10,631	6,788	3,477	0	0	0	0	0
20% Exceedance	0	0	2,401	4,656	6,387	3,772	1,397	0	0	0	0	0
30% Exceedance	0	0	569	2,117	4,177	2,506	18	0	0	0	0	0
40% Exceedance	0	0	73	896	2,877	1,097	0	0	0	0	0	0
50% Exceedance	0	0	0	47	1,059	267	0	0	0	0	0	0
60% Exceedance	0	0	0	0	121	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	10	168	1,181	2,476	3,387	2,247	1,017	106	55	0	0	0
Wet Water Years (32%)	0	88	1,404	5,763	7,468	4,830	2,626	183	175	0	0	0
Above Normal Water Years (15%)	0	524	1,143	3,008	3,833	3,831	1,043	240	0	0	0	0
Below Normal Water Years (17%)	61	104	1,513	748	1,529	358	181	73	0	0	0	0
Dry Water Years (22%)	0	209	1,358	324	827	425	1	0	0	0	0	0
Critical Water Years (15%)	0	0	86	65	106	3	0	0	0	0	0	0

Table 5C-8-1b. Tisdale Weir Spill, Alternative 1A 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	4,145	8,898	9,992	6,774	2,746	0	0	0	0	0
20% Exceedance	0	0	2,081	4,347	6,045	3,350	1,162	0	0	0	0	0
30% Exceedance	0	0	573	2,092	4,139	2,530	18	0	0	0	0	0
40% Exceedance	0	0	49	581	2,443	1,082	0	0	0	0	0	0
50% Exceedance	0	0	0	44	850	197	0	0	0	0	0	0
60% Exceedance	0	0	0	0	39	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	8	154	1,105	2,349	3,229	2,167	953	104	55	0	0	0
Wet Water Years (32%)	0	85	1,316	5,579	7,228	4,718	2,497	169	173	0	0	0
Above Normal Water Years (15%)	0	505	1,064	2,650	3,658	3,639	952	239	0	0	0	0
Below Normal Water Years (17%)	49	75	1,364	692	1,379	322	125	93	0	0	0	0
Dry Water Years (22%)	0	182	1,304	300	709	380	1	0	0	0	0	0
Critical Water Years (15%)	0	0	87	56	73	3	0	0	0	0	0	0

Table 5C-8-1c. Tisdale Weir Spill, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-19	-596	-250	-639	-14	-731	0	0	0	0	0
20% Exceedance	0	0	-319	-310	-342	-423	-235	0	0	0	0	0
30% Exceedance	0	0	3	-25	-38	24	0	0	0	0	0	0
40% Exceedance	0	0	-24	-316	-434	-14	0	0	0	0	0	0
50% Exceedance	0	0	0	-3	-209	-69	0	0	0	0	0	0
60% Exceedance	0	0	0	0	-82	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-15	-77	-127	-158	-80	-64	-1	-1	0	0	0
Wet Water Years (32%)	0	-3	-88	-184	-239	-112	-129	-14	-2	0	0	0
Above Normal Water Years (15%)	0	-19	-78	-358	-175	-192	-91	-1	0	0	0	0
Below Normal Water Years (17%)	-12	-29	-149	-56	-150	-37	-56	20	0	0	0	0
Dry Water Years (22%)	0	-27	-54	-24	-117	-45	0	0	0	0	0	0
Critical Water Years (15%)	0	0	1	-8	-33	-1	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-8-2a. Tisdale Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	19	4,741	9,148	10,631	6,788	3,477	0	0	0	0	0
20% Exceedance	0	0	2,401	4,656	6,387	3,772	1,397	0	0	0	0	0
30% Exceedance	0	0	569	2,117	4,177	2,506	18	0	0	0	0	0
40% Exceedance	0	0	73	896	2,877	1,097	0	0	0	0	0	0
50% Exceedance	0	0	0	47	1,059	267	0	0	0	0	0	0
60% Exceedance	0	0	0	0	121	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	10	168	1,181	2,476	3,387	2,247	1,017	106	55	0	0	0
Wet Water Years (32%)	0	88	1,404	5,763	7,468	4,830	2,626	183	175	0	0	0
Above Normal Water Years (15%)	0	524	1,143	3,008	3,833	3,831	1,043	240	0	0	0	0
Below Normal Water Years (17%)	61	104	1,513	748	1,529	358	181	73	0	0	0	0
Dry Water Years (22%)	0	209	1,358	324	827	425	1	0	0	0	0	0
Critical Water Years (15%)	0	0	86	65	106	3	0	0	0	0	0	0

Table 5C-8-2b. Tisdale Weir Spill, Alternative 1B 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	4,151	8,956	9,978	6,771	2,746	0	0	0	0	0
20% Exceedance	0	0	2,121	4,357	6,044	3,344	1,182	0	0	0	0	0
30% Exceedance	0	0	556	1,945	4,129	2,521	18	0	0	0	0	0
40% Exceedance	0	0	97	628	2,573	1,012	0	0	0	0	0	0
50% Exceedance	0	0	0	45	846	197	0	0	0	0	0	0
60% Exceedance	0	0	0	0	39	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	8	156	1,108	2,348	3,235	2,148	957	104	55	0	0	0
Wet Water Years (32%)	0	84	1,320	5,581	7,229	4,703	2,496	169	173	0	0	0
Above Normal Water Years (15%)	0	515	1,056	2,641	3,669	3,634	981	239	0	0	0	0
Below Normal Water Years (17%)	50	74	1,368	692	1,401	322	125	93	0	0	0	0
Dry Water Years (22%)	0	186	1,317	301	710	317	1	0	0	0	0	0
Critical Water Years (15%)	0	0	87	56	73	3	0	0	0	0	0	0

Table 5C-8-2c. Tisdale Weir Spill, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-19	-590	-192	-653	-18	-731	0	0	0	0	0
20% Exceedance	0	0	-279	-299	-343	-428	-216	0	0	0	0	0
30% Exceedance	0	0	-14	-172	-49	15	-1	0	0	0	0	0
40% Exceedance	0	0	24	-268	-304	-85	0	0	0	0	0	0
50% Exceedance	0	0	0	-3	-214	-69	0	0	0	0	0	0
60% Exceedance	0	0	0	0	-82	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-13	-73	-127	-152	-99	-60	-1	0	0	0	0
Wet Water Years (32%)	0	-4	-85	-182	-239	-127	-130	-14	-2	0	0	0
Above Normal Water Years (15%)	0	-9	-86	-367	-163	-196	-62	-1	0	0	0	0
Below Normal Water Years (17%)	-12	-30	-145	-56	-128	-36	-56	20	0	0	0	0
Dry Water Years (22%)	0	-23	-40	-23	-116	-108	0	0	0	0	0	0
Critical Water Years (15%)	0	0	1	-9	-33	-1	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-8-3a. Tisdale Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	19	4,741	9,148	10,631	6,788	3,477	0	0	0	0	0
20% Exceedance	0	0	2,401	4,656	6,387	3,772	1,397	0	0	0	0	0
30% Exceedance	0	0	569	2,117	4,177	2,506	18	0	0	0	0	0
40% Exceedance	0	0	73	896	2,877	1,097	0	0	0	0	0	0
50% Exceedance	0	0	0	47	1,059	267	0	0	0	0	0	0
60% Exceedance	0	0	0	0	121	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	10	168	1,181	2,476	3,387	2,247	1,017	106	55	0	0	0
Wet Water Years (32%)	0	88	1,404	5,763	7,468	4,830	2,626	183	175	0	0	0
Above Normal Water Years (15%)	0	524	1,143	3,008	3,833	3,831	1,043	240	0	0	0	0
Below Normal Water Years (17%)	61	104	1,513	748	1,529	358	181	73	0	0	0	0
Dry Water Years (22%)	0	209	1,358	324	827	425	1	0	0	0	0	0
Critical Water Years (15%)	0	0	86	65	106	3	0	0	0	0	0	0

Table 5C-8-3b. Tisdale Weir Spill, Alternative 2 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	4,156	8,902	10,174	6,786	2,746	0	0	0	0	0
20% Exceedance	0	0	2,085	4,347	6,045	3,355	1,173	0	0	0	0	0
30% Exceedance	0	0	573	2,093	4,137	2,530	18	0	0	0	0	0
40% Exceedance	0	0	49	593	2,443	1,082	0	0	0	0	0	0
50% Exceedance	0	0	0	44	851	197	0	0	0	0	0	0
60% Exceedance	0	0	0	0	39	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	8	154	1,107	2,353	3,245	2,176	957	104	55	0	0	0
Wet Water Years (32%)	0	85	1,318	5,593	7,280	4,740	2,498	169	173	0	0	0
Above Normal Water Years (15%)	0	505	1,067	2,652	3,650	3,649	977	239	0	0	0	0
Below Normal Water Years (17%)	49	76	1,364	688	1,381	322	125	93	0	0	0	0
Dry Water Years (22%)	0	182	1,308	300	709	381	1	0	0	0	0	0
Critical Water Years (15%)	0	0	87	56	73	3	0	0	0	0	0	0

Table 5C-8-3c. Tisdale Weir Spill, Alternative 2 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-19	-586	-246	-457	-2	-731	0	0	0	0	0
20% Exceedance	0	0	-316	-309	-342	-417	-225	0	0	0	0	0
30% Exceedance	0	0	3	-23	-40	24	0	0	0	0	0	0
40% Exceedance	0	0	-23	-304	-434	-14	0	0	0	0	0	0
50% Exceedance	0	0	0	-3	-209	-69	0	0	0	0	0	0
60% Exceedance	0	0	0	0	-82	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	-15	-75	-123	-142	-71	-60	-1	0	0	0	0
Wet Water Years (32%)	0	-3	-86	-170	-188	-90	-128	-14	-2	0	0	0
Above Normal Water Years (15%)	0	-19	-76	-356	-182	-182	-65	-1	0	0	0	0
Below Normal Water Years (17%)	-12	-28	-149	-60	-147	-36	-56	20	0	0	0	0
Dry Water Years (22%)	0	-27	-49	-24	-117	-44	0	0	0	0	0	0
Critical Water Years (15%)	0	0	1	-8	-33	-1	0	0	0	0	0	0

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-8-4a. Tisdale Weir Spill, No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	19	4,741	9,148	10,631	6,788	3,477	0	0	0	0	0
20% Exceedance	0	0	2,401	4,656	6,387	3,772	1,397	0	0	0	0	0
30% Exceedance	0	0	569	2,117	4,177	2,506	18	0	0	0	0	0
40% Exceedance	0	0	73	896	2,877	1,097	0	0	0	0	0	0
50% Exceedance	0	0	0	47	1,059	267	0	0	0	0	0	0
60% Exceedance	0	0	0	0	121	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	10	168	1,181	2,476	3,387	2,247	1,017	106	55	0	0	0
Wet Water Years (32%)	0	88	1,404	5,763	7,468	4,830	2,626	183	175	0	0	0
Above Normal Water Years (15%)	0	524	1,143	3,008	3,833	3,831	1,043	240	0	0	0	0
Below Normal Water Years (17%)	61	104	1,513	748	1,529	358	181	73	0	0	0	0
Dry Water Years (22%)	0	209	1,358	324	827	425	1	0	0	0	0	0
Critical Water Years (15%)	0	0	86	65	106	3	0	0	0	0	0	0

Table 5C-8-4b. Tisdale Weir Spill, Alternative 3 051722, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	13	4,153	8,945	9,939	6,530	2,746	0	0	0	0	0
20% Exceedance	0	0	2,281	4,352	5,859	3,305	1,241	0	0	0	0	0
30% Exceedance	0	0	634	1,885	3,756	2,357	18	0	0	0	0	0
40% Exceedance	0	0	172	618	2,697	1,075	0	0	0	0	0	0
50% Exceedance	0	0	0	48	844	206	0	0	0	0	0	0
60% Exceedance	0	0	0	0	39	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	9	170	1,147	2,348	3,245	2,147	950	103	55	0	0	0
Wet Water Years (32%)	0	91	1,335	5,583	7,193	4,667	2,474	167	173	0	0	0
Above Normal Water Years (15%)	0	542	1,043	2,640	3,721	3,622	987	239	0	0	0	0
Below Normal Water Years (17%)	50	104	1,426	689	1,483	306	121	87	0	0	0	0
Dry Water Years (22%)	0	199	1,436	300	710	386	1	0	0	0	0	0
Critical Water Years (15%)	0	0	86	56	73	3	0	0	0	0	0	0

Table 5C-8-4c. Tisdale Weir Spill, Alternative 3 051722 minus No Action Alternative 051422, Monthly Spill (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-6	-588	-203	-692	-258	-731	0	0	0	0	0
20% Exceedance	0	0	-120	-305	-527	-467	-156	0	0	0	0	0
30% Exceedance	0	0	65	-231	-421	-149	-1	0	0	0	0	0
40% Exceedance	0	0	100	-278	-180	-21	0	0	0	0	0	0
50% Exceedance	0	0	0	1	-215	-60	0	0	0	0	0	0
60% Exceedance	0	0	0	0	-82	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-2	1	-34	-127	-142	-100	-67	-3	0	0	0	0
Wet Water Years (32%)	0	3	-69	-180	-275	-162	-153	-16	-1	0	0	0
Above Normal Water Years (15%)	0	18	-100	-369	-112	-209	-56	-1	0	0	0	0
Below Normal Water Years (17%)	-11	0	-87	-59	-45	-52	-60	14	0	0	0	0
Dry Water Years (22%)	0	-11	78	-24	-117	-39	0	0	0	0	0	0
Critical Water Years (15%)	0	0	0	-9	-33	-1	0	0	0	0	0	0

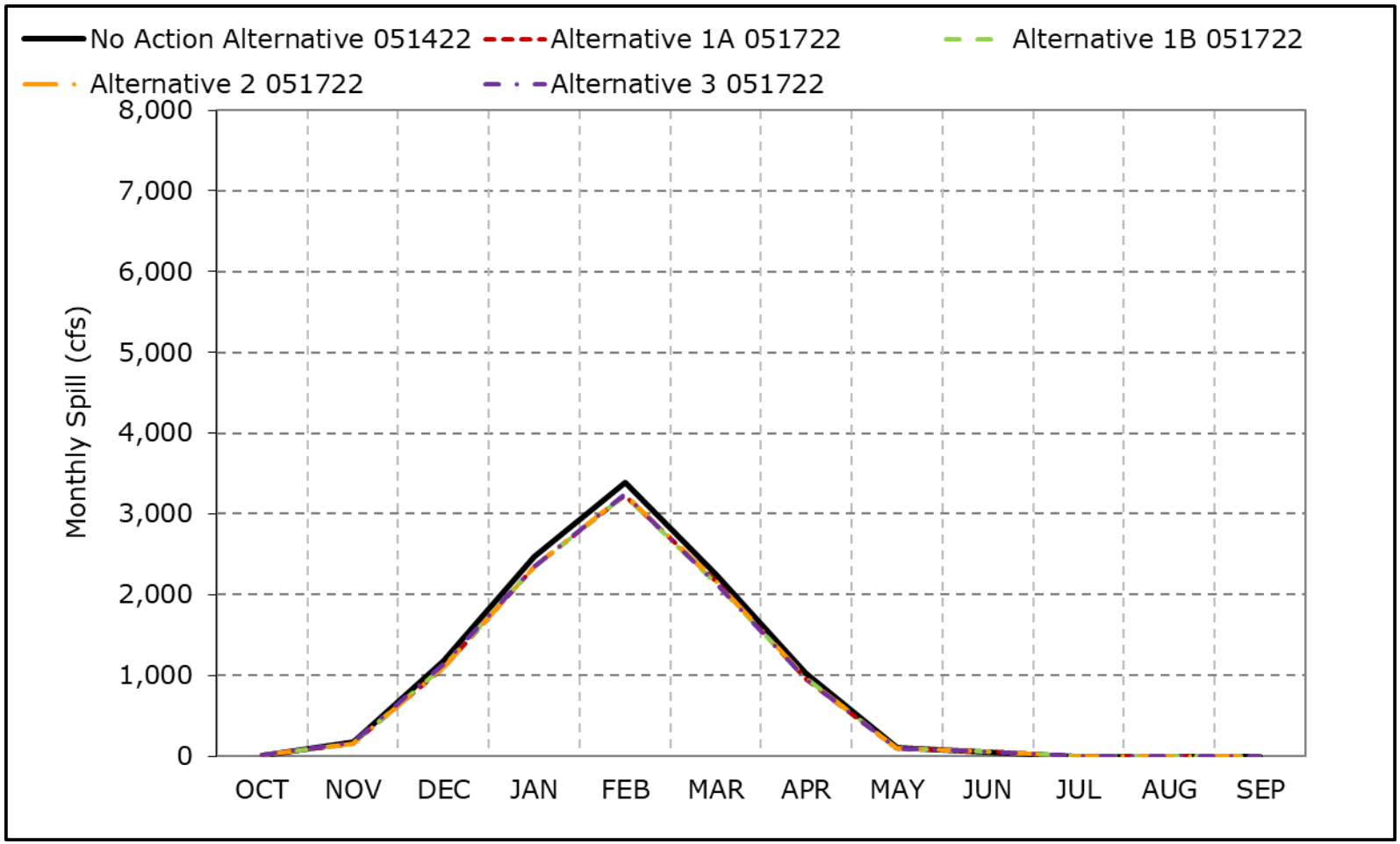
[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

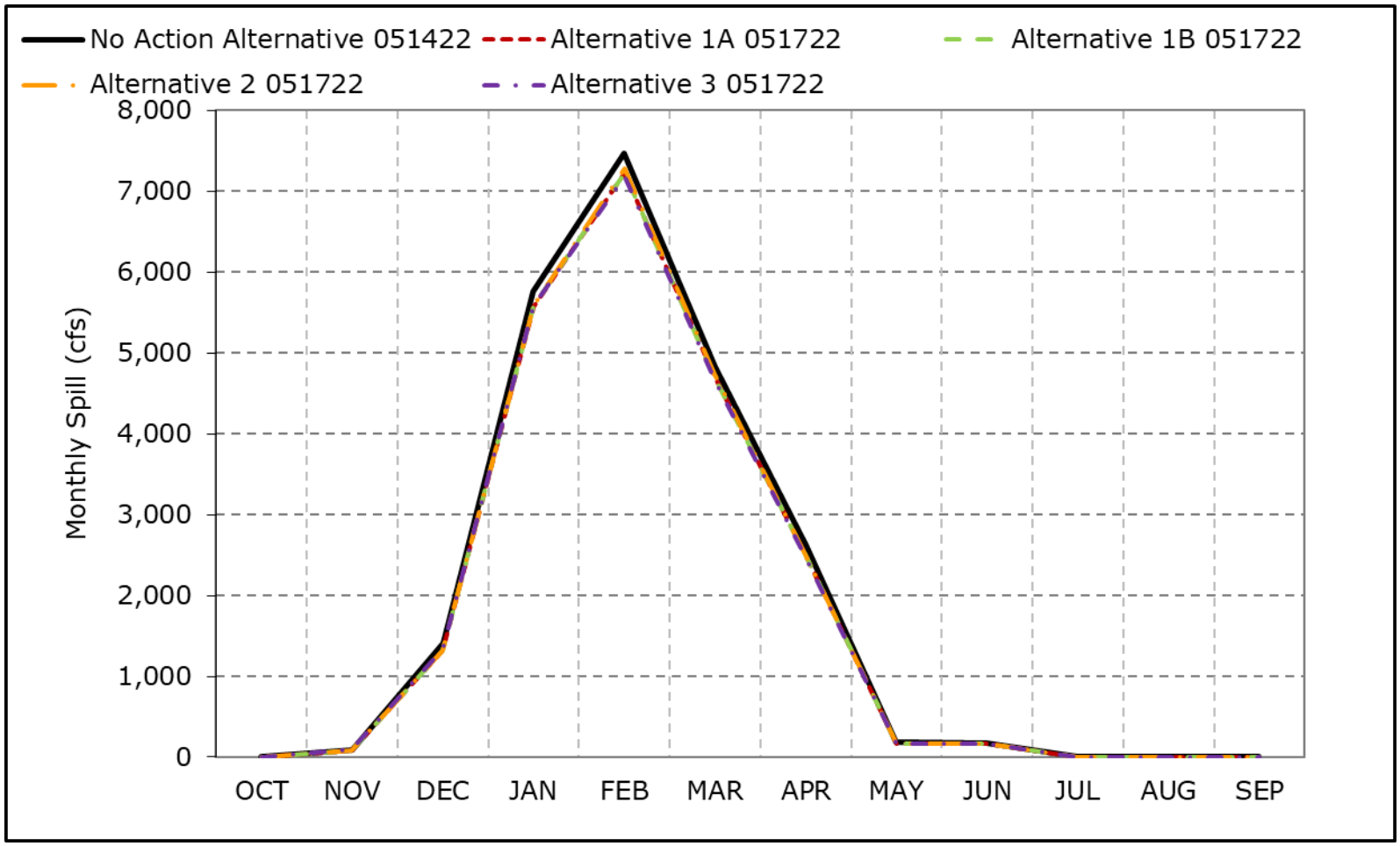
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-1. Tisdale Weir Spill, Long-Term Average Spill



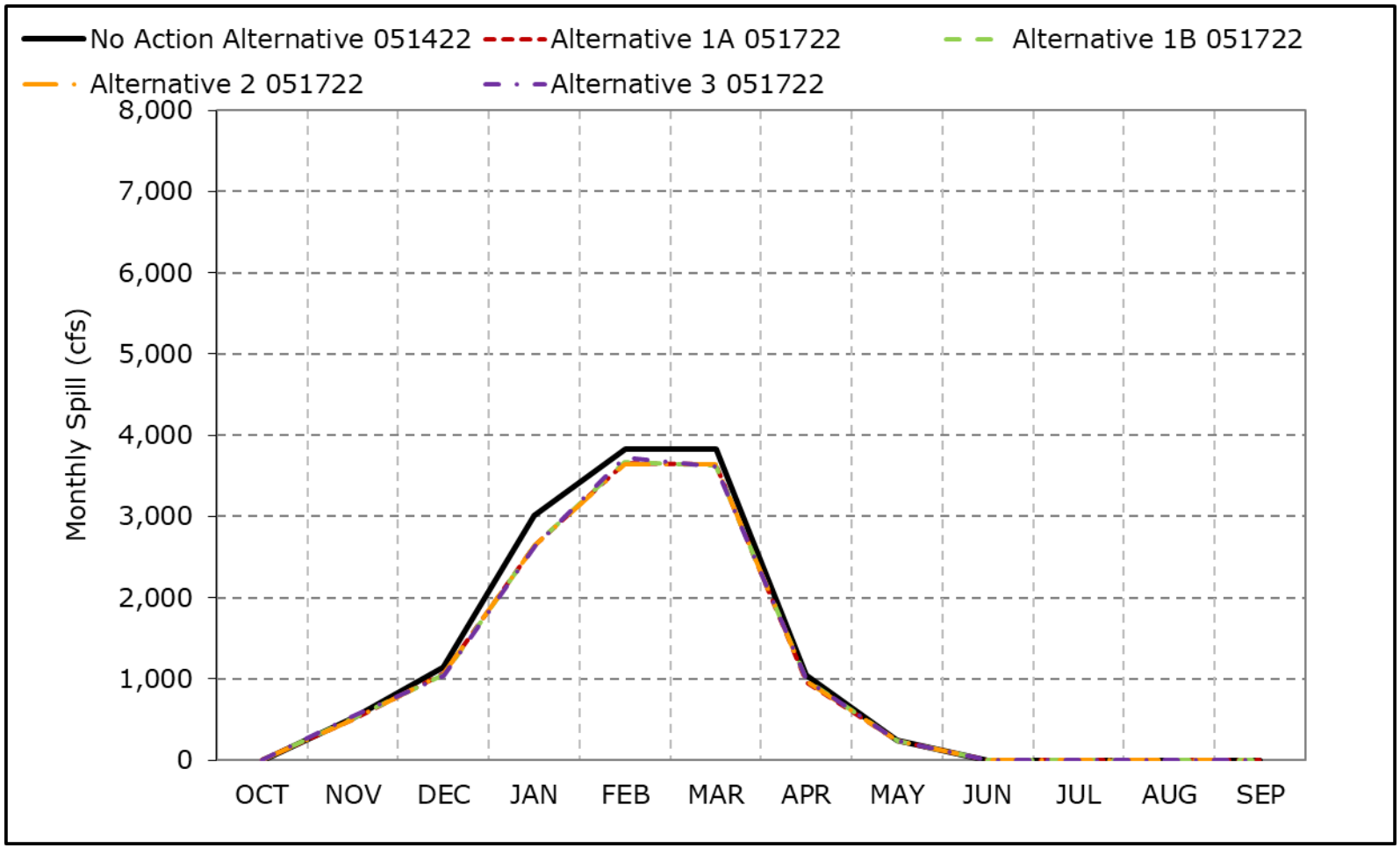
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-2. Tisdale Weir Spill, Wet Year Average Spill



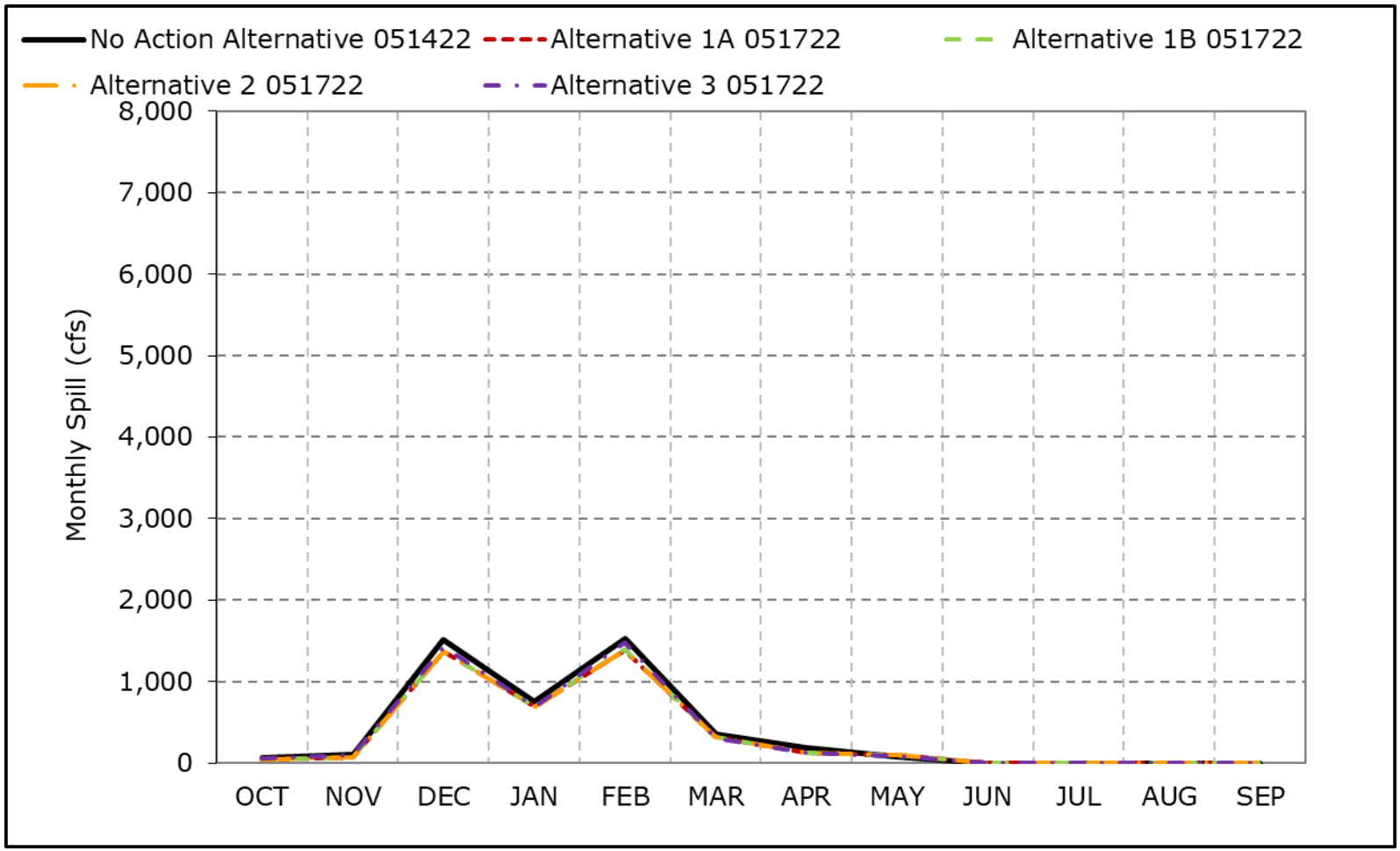
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-3. Tisdale Weir Spill, Above Normal Year Average Spill



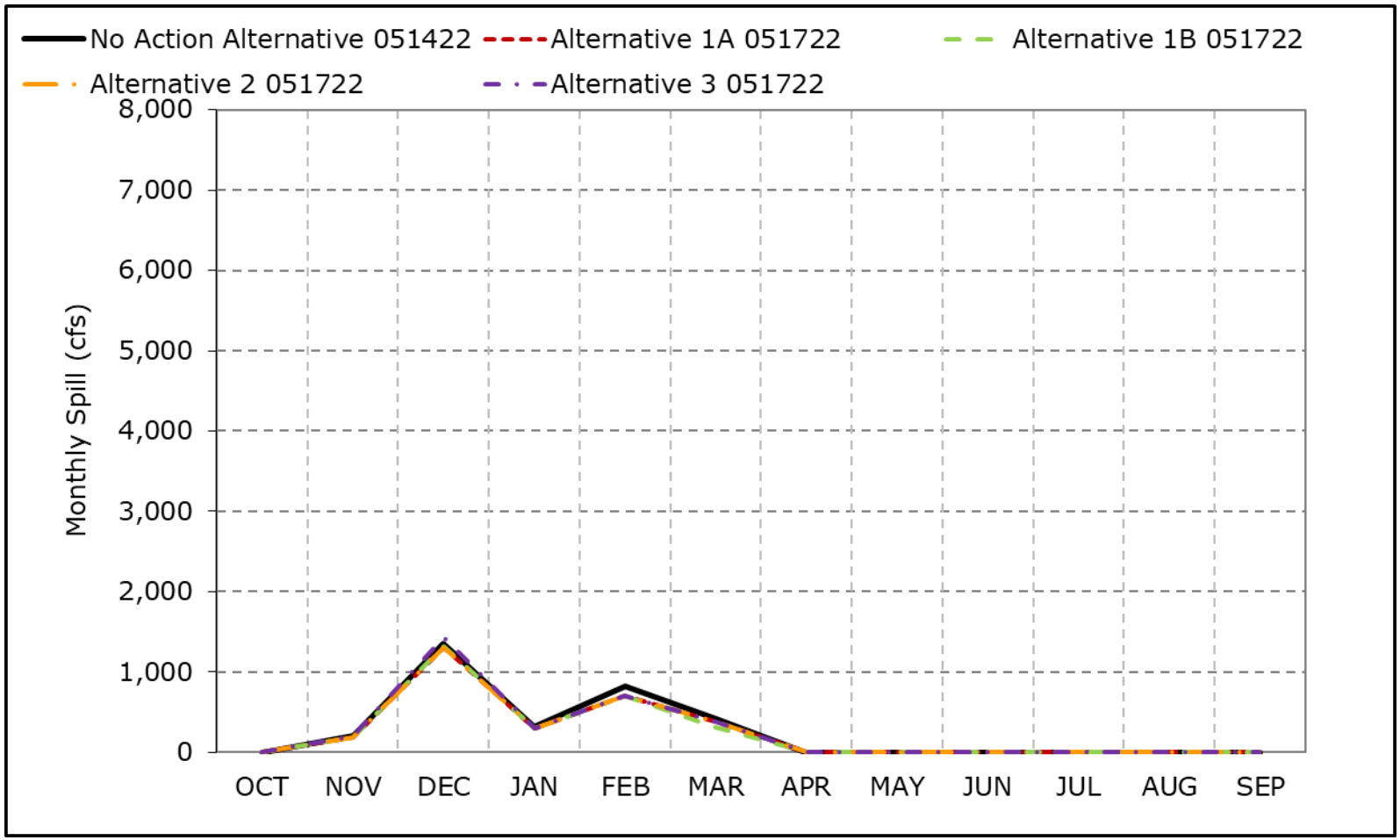
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-4. Tisdale Weir Spill, Below Normal Year Average Spill



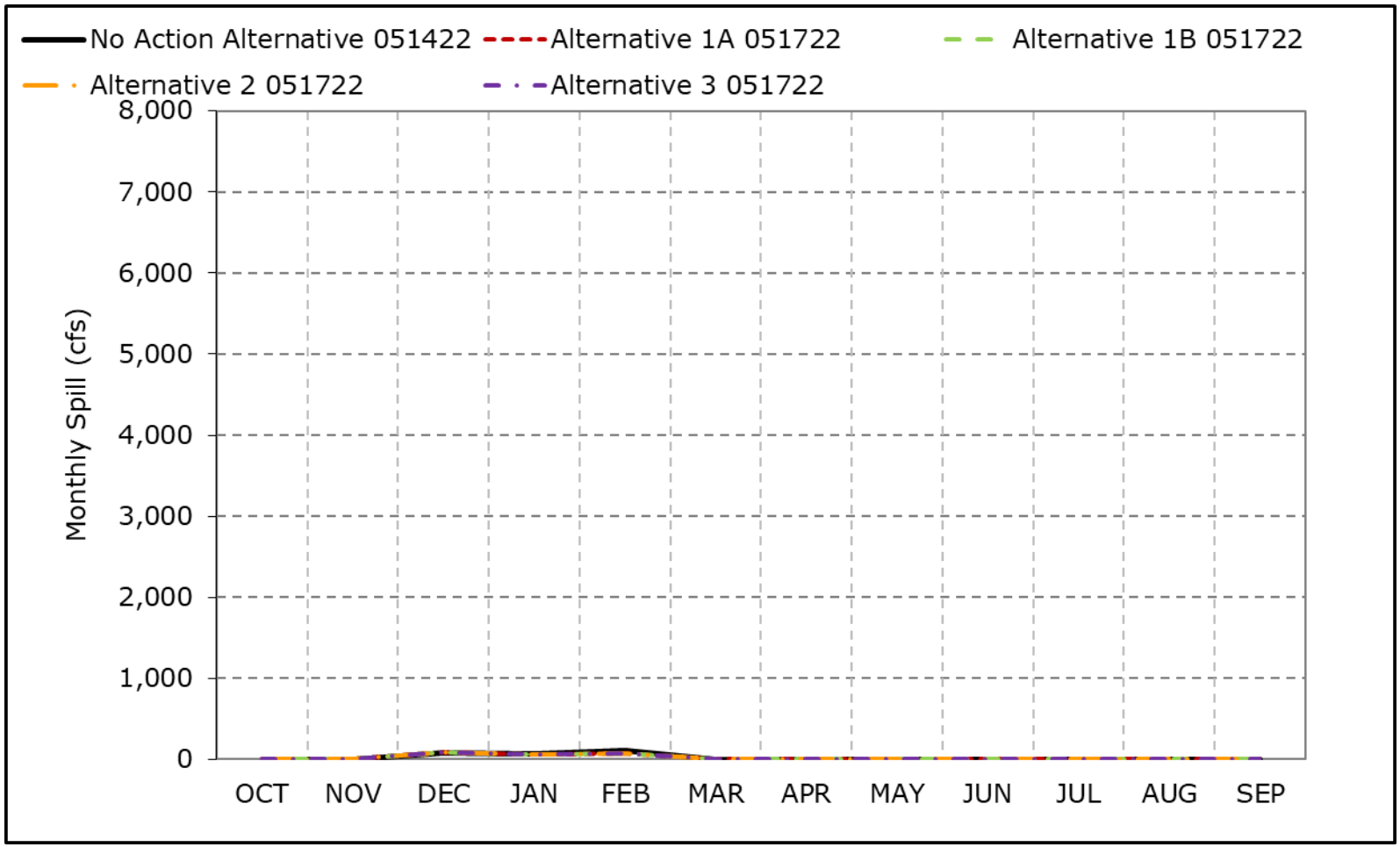
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-5. Tisdale Weir Spill, Dry Year Average Spill



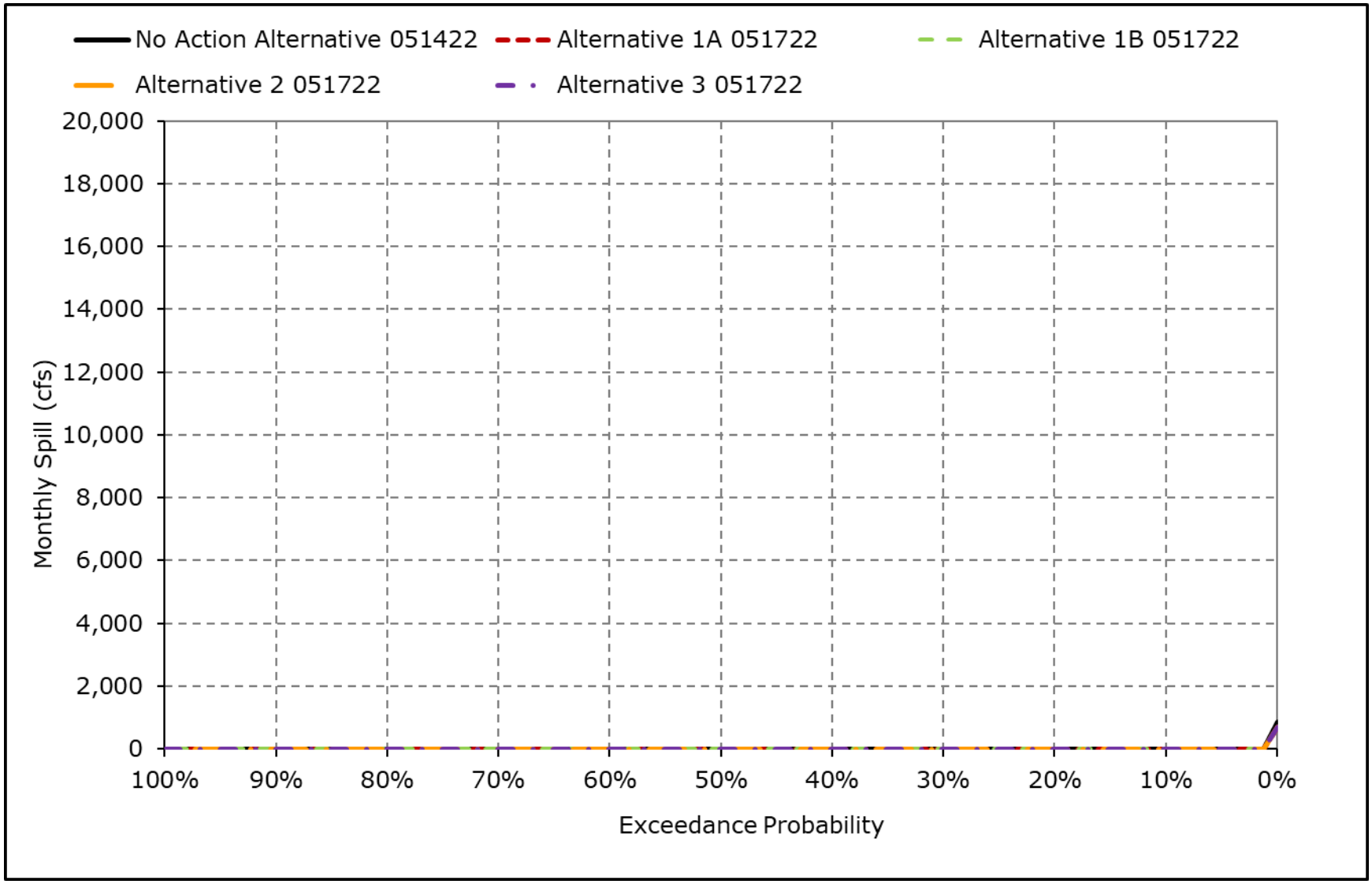
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-6. Tisdale Weir Spill, Critical Year Average Spill



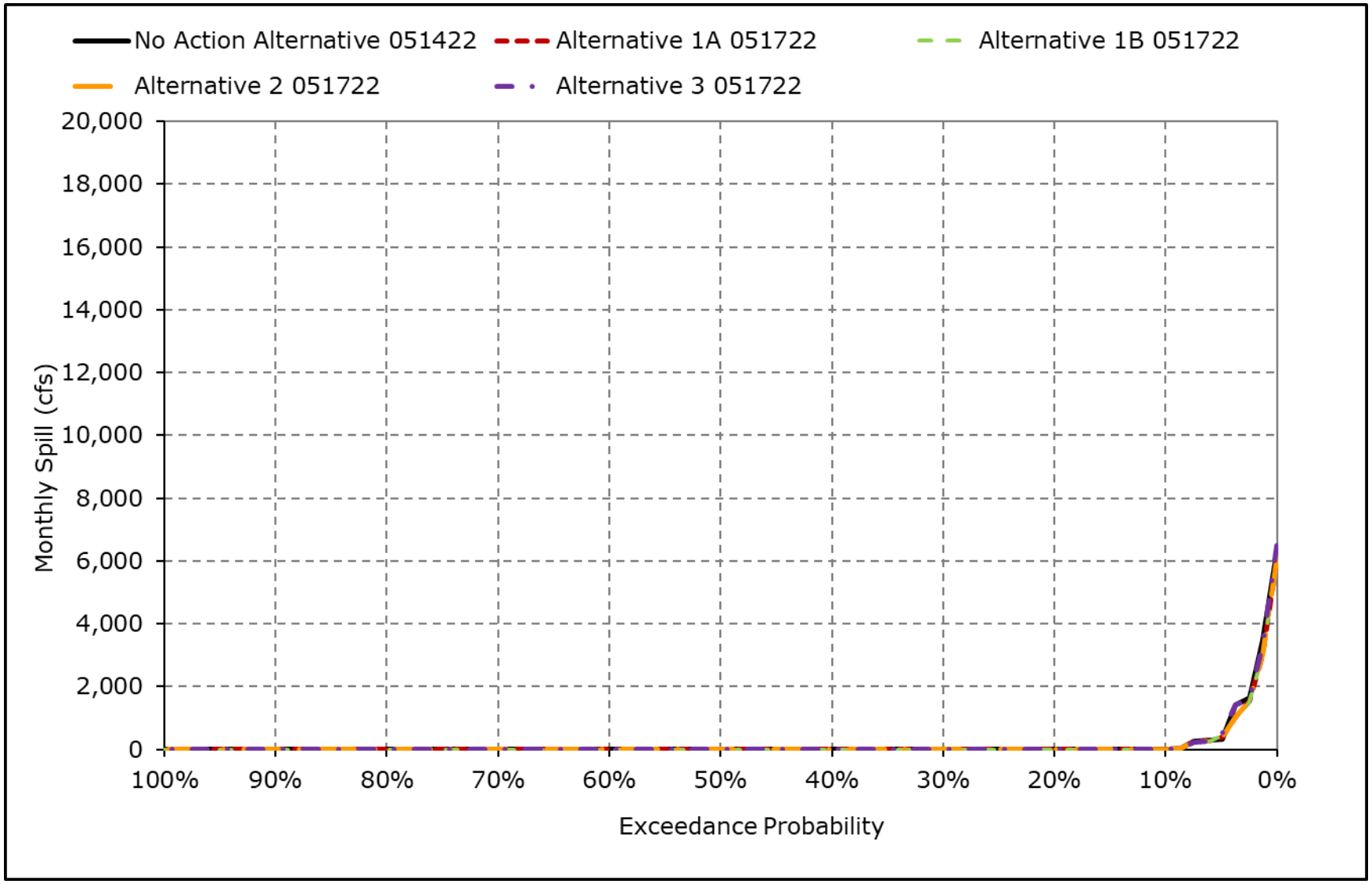
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-7. Tisdale Weir Spill, October



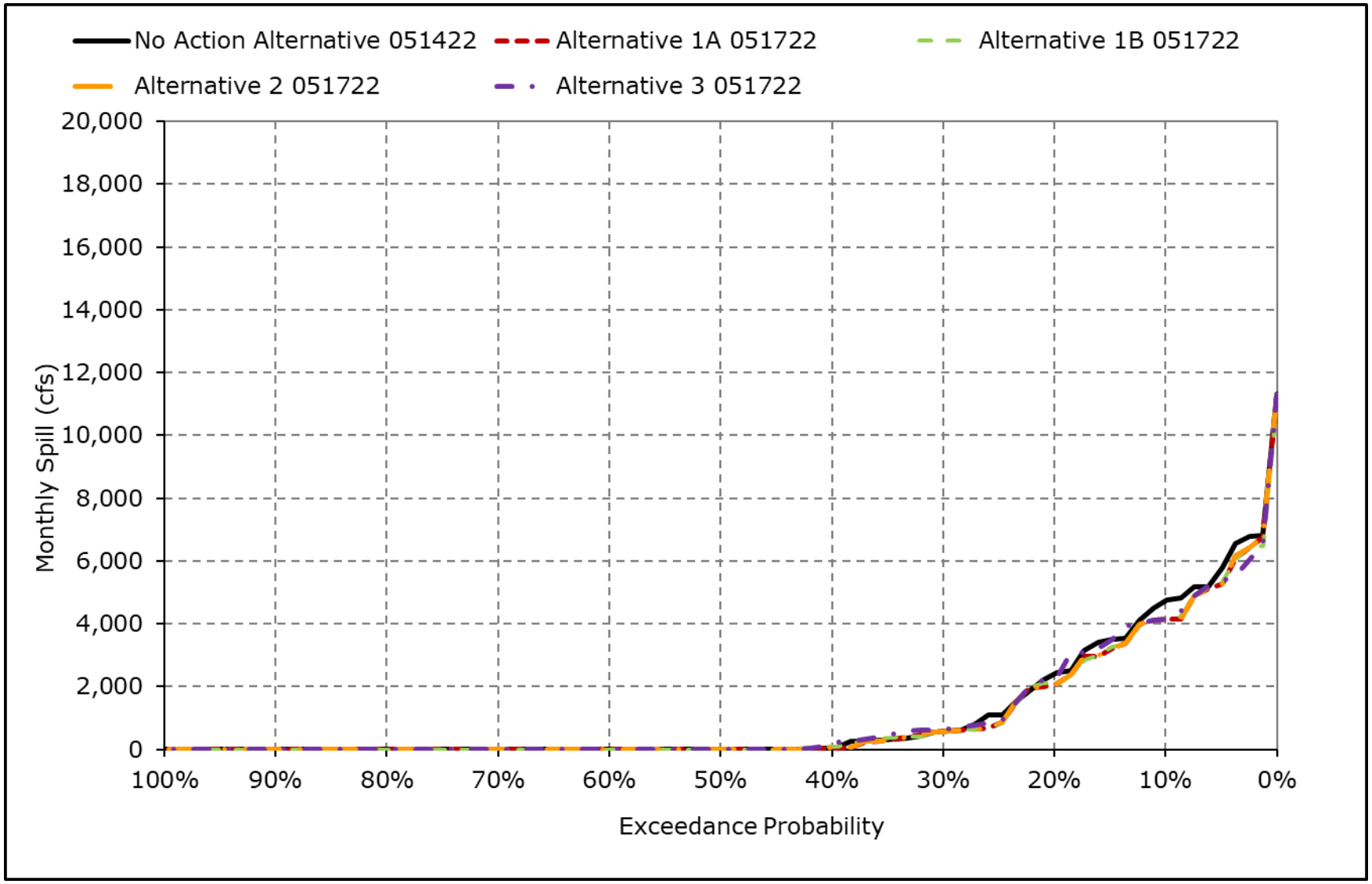
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-8. Tisdale Weir Spill, November



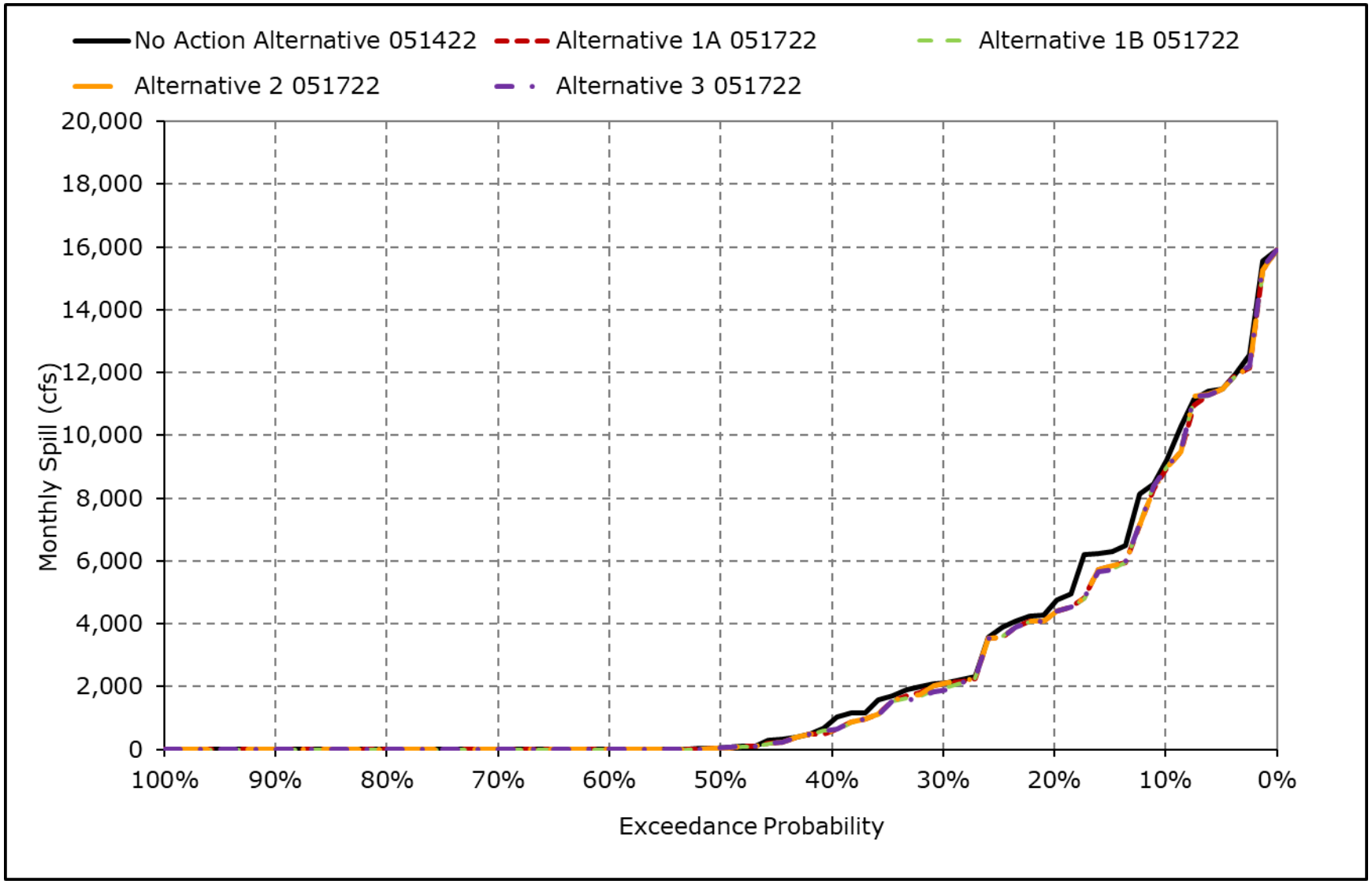
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-9. Tisdale Weir Spill, December



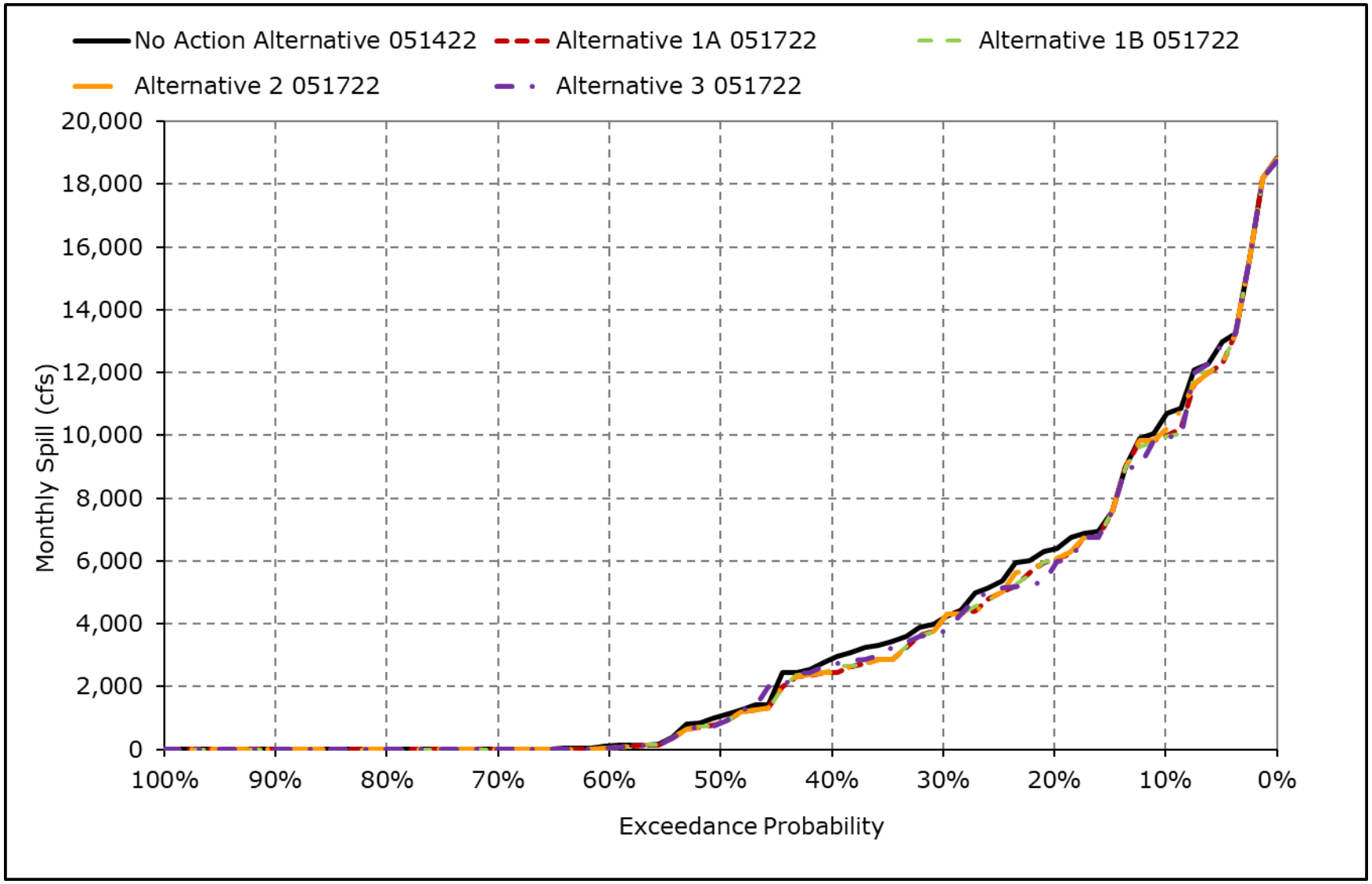
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-10. Tisdale Weir Spill, January



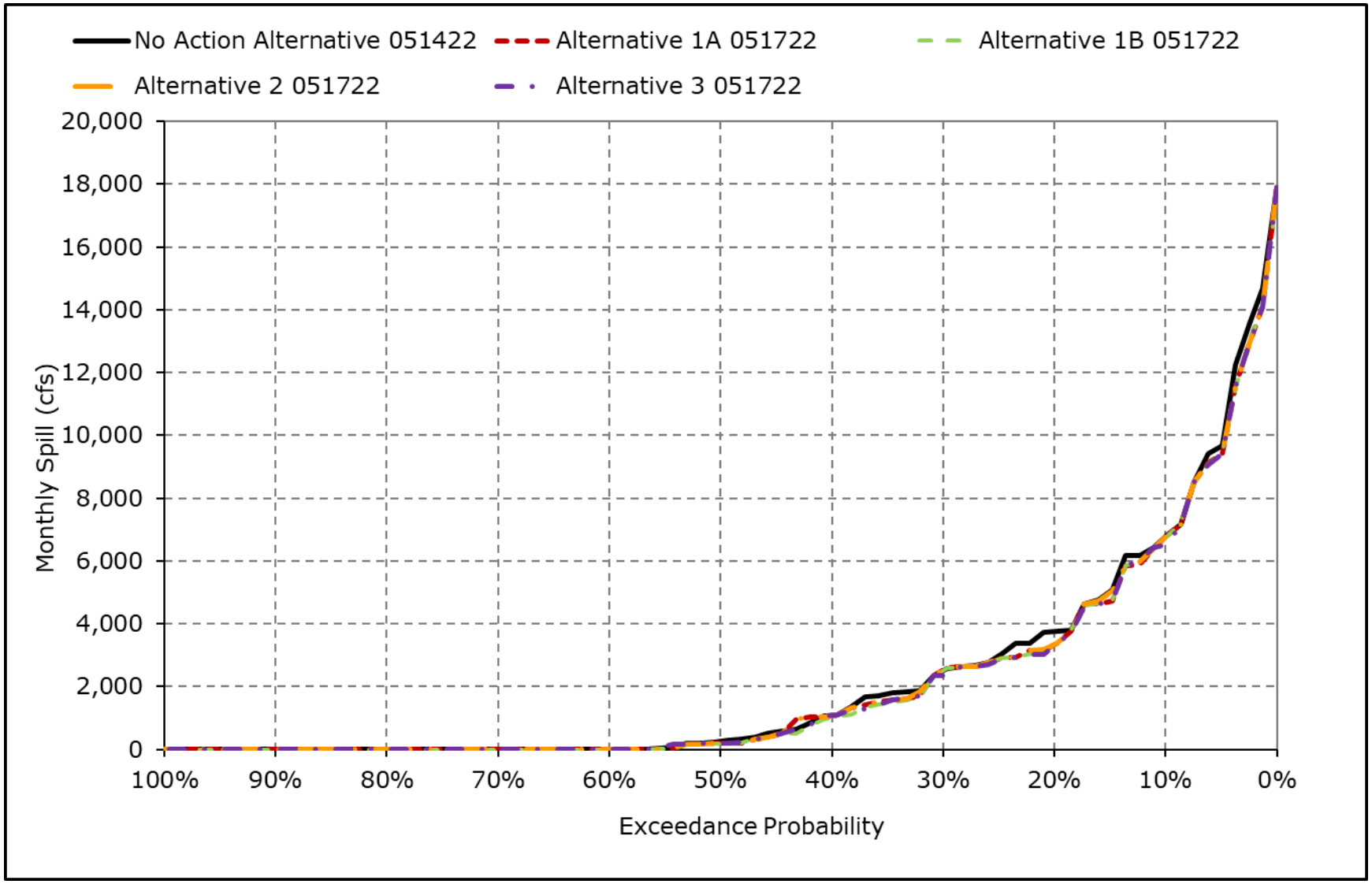
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-11. Tisdale Weir Spill, February



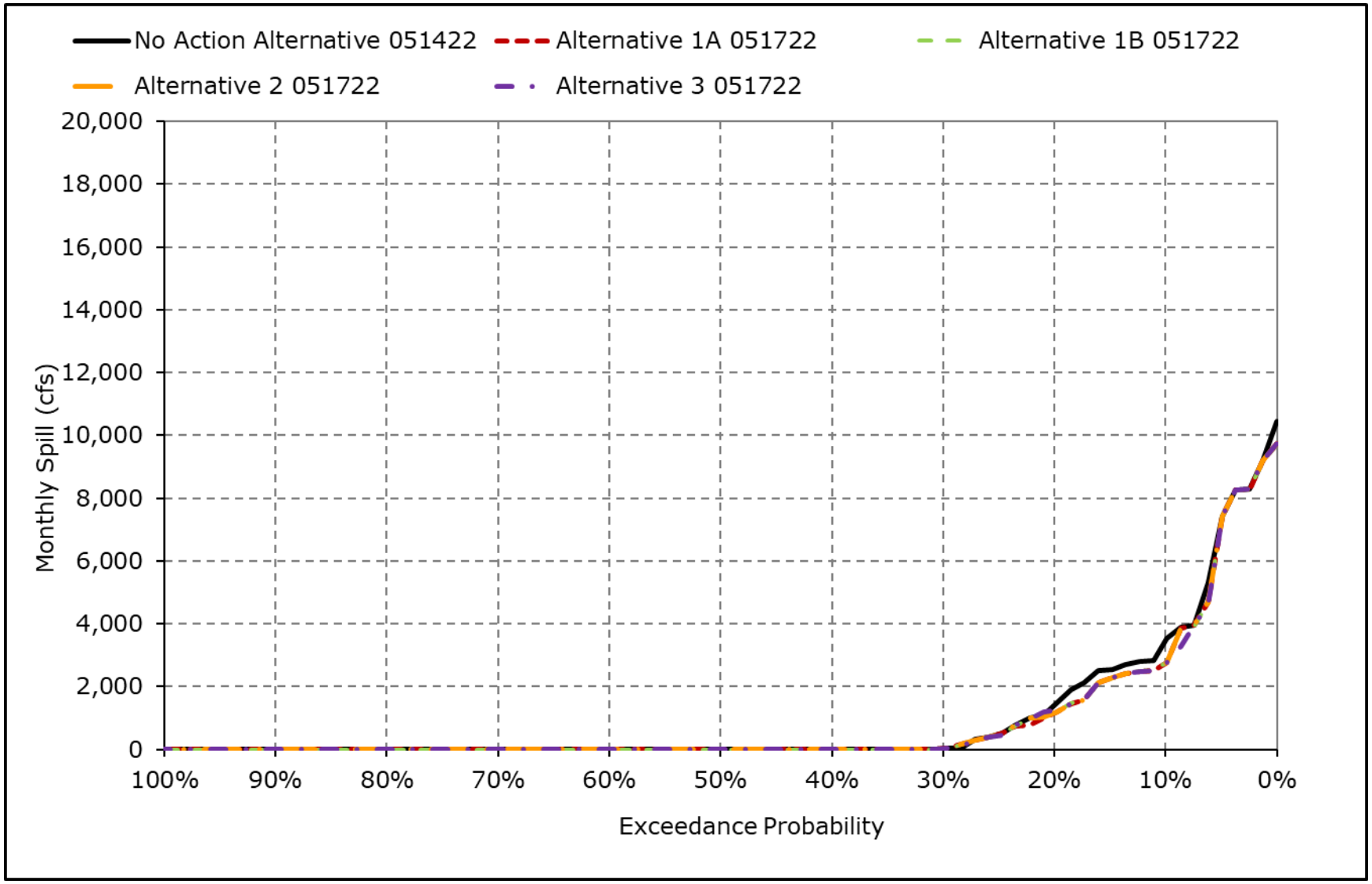
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-12. Tisdale Weir Spill, March



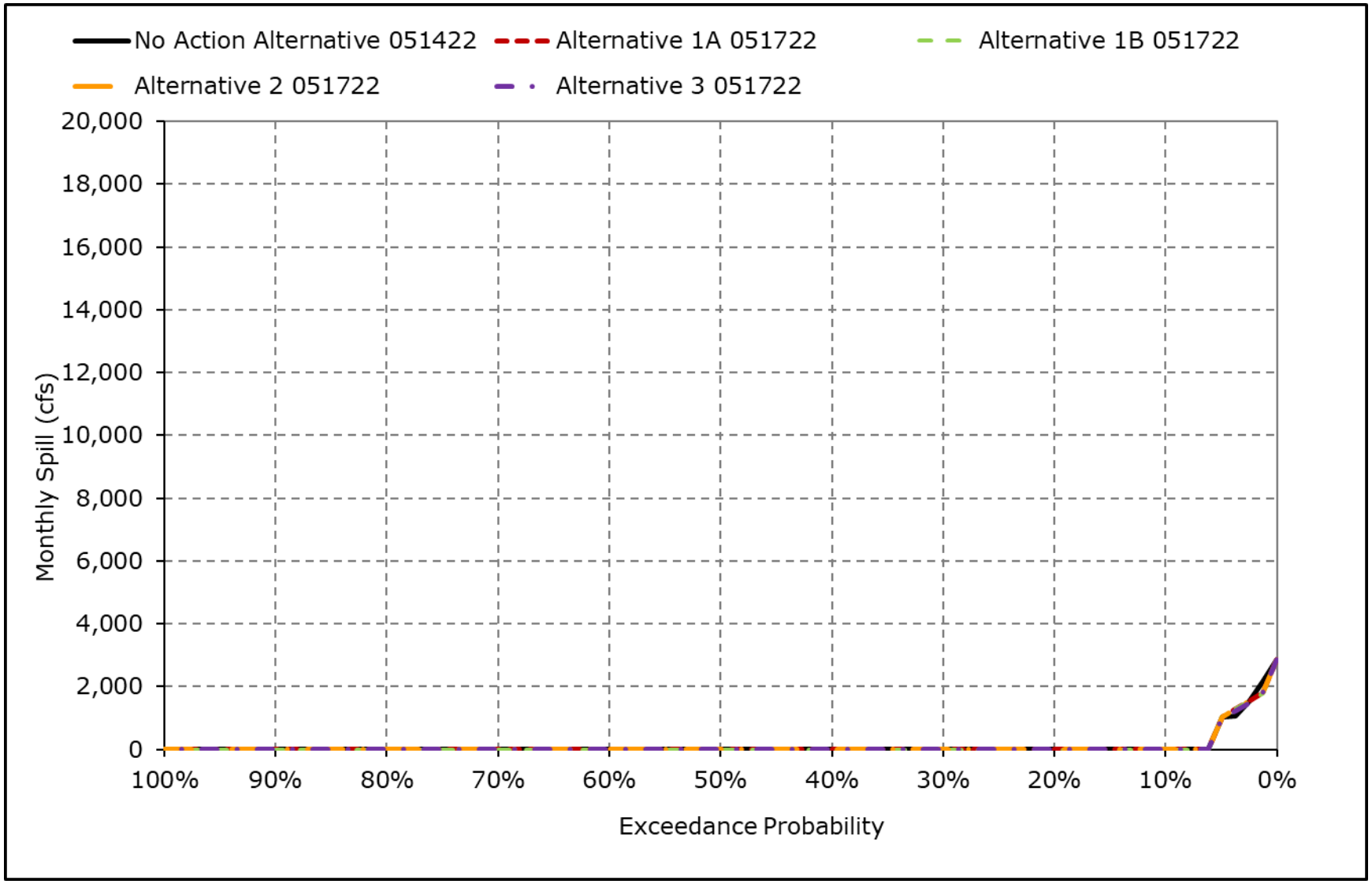
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-13. Tisdale Weir Spill, April



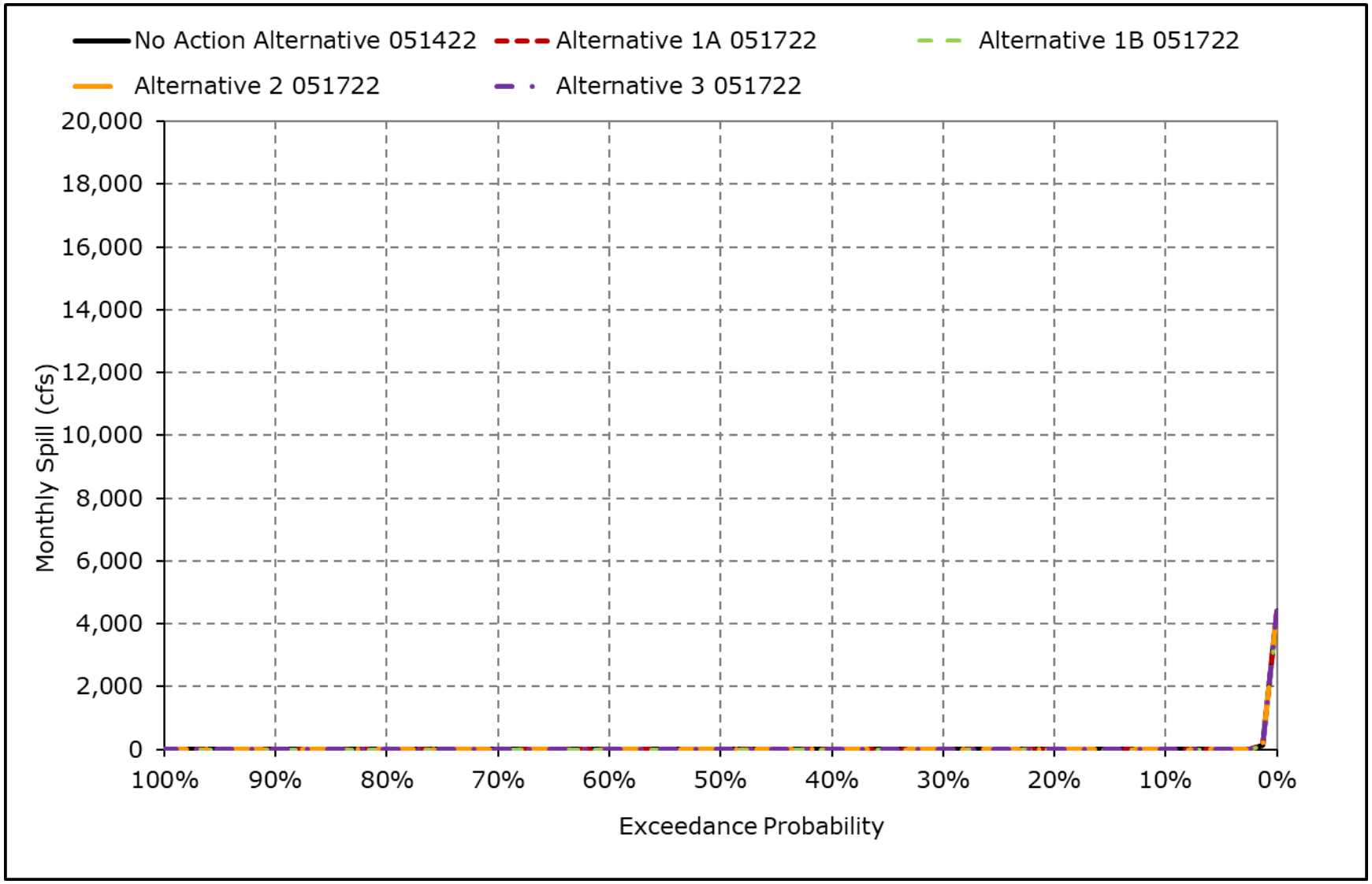
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-14. Tisdale Weir Spill, May



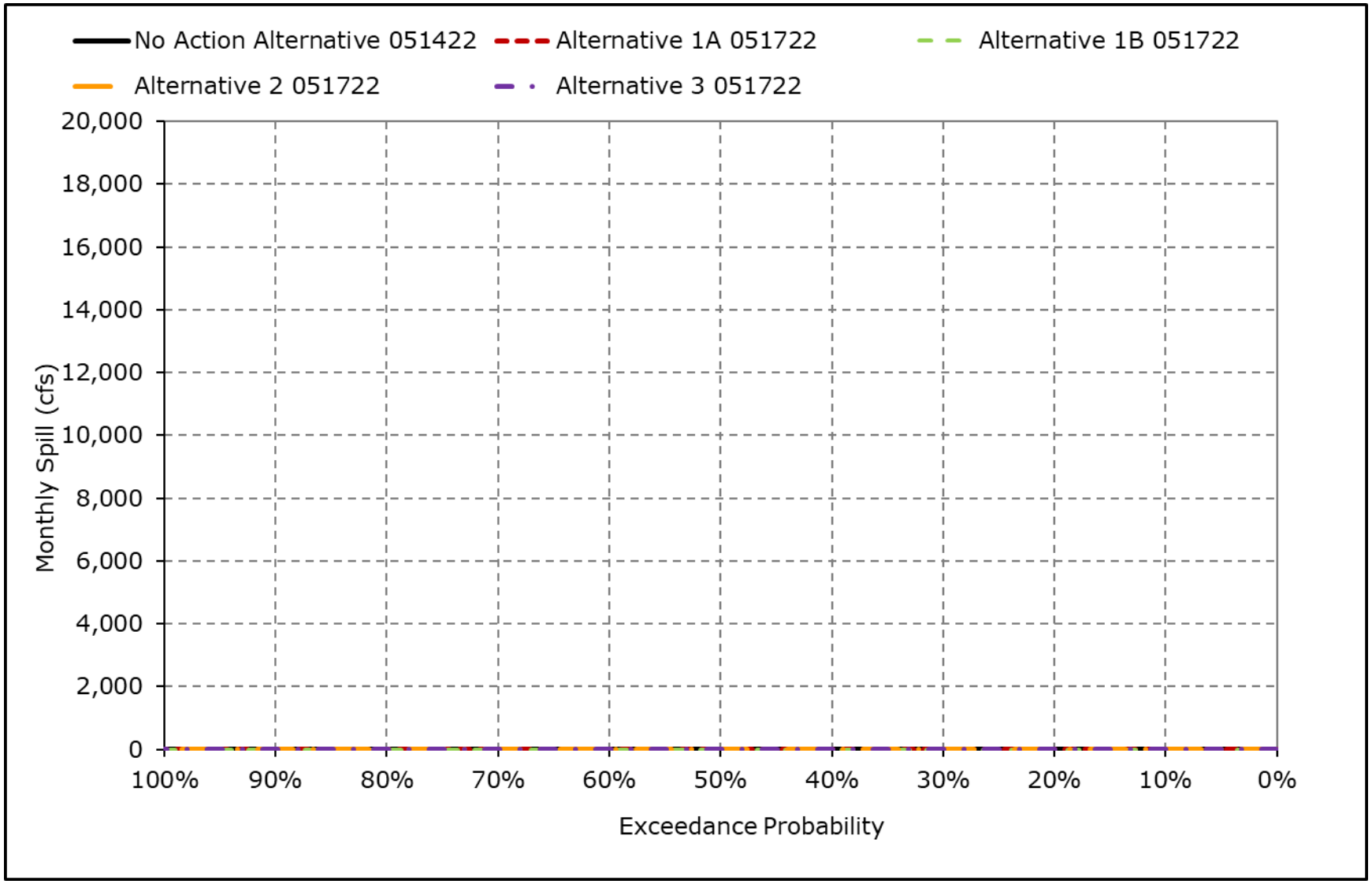
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-15. Tisdale Weir Spill, June



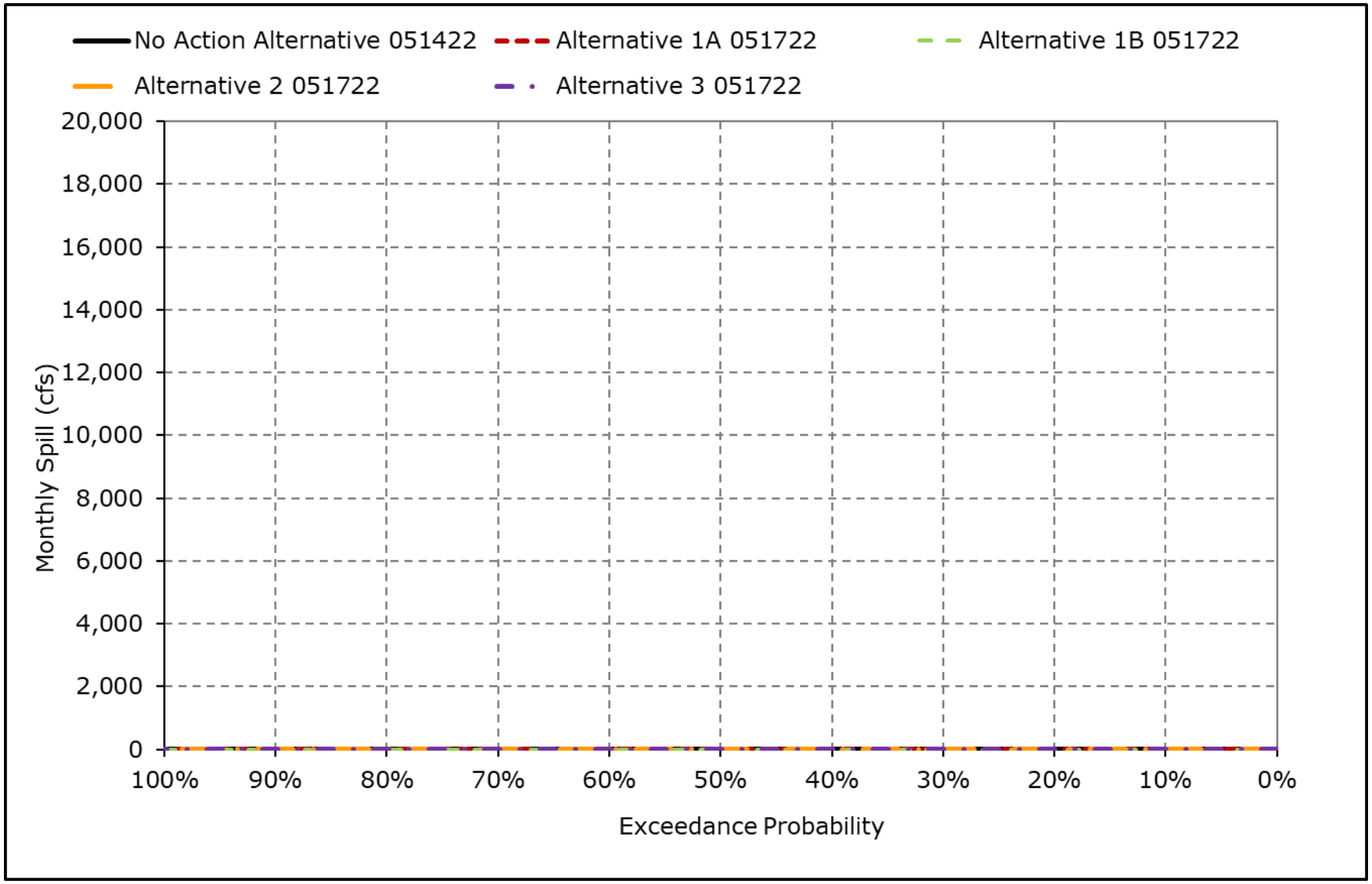
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-16. Tisdale Weir Spill, July



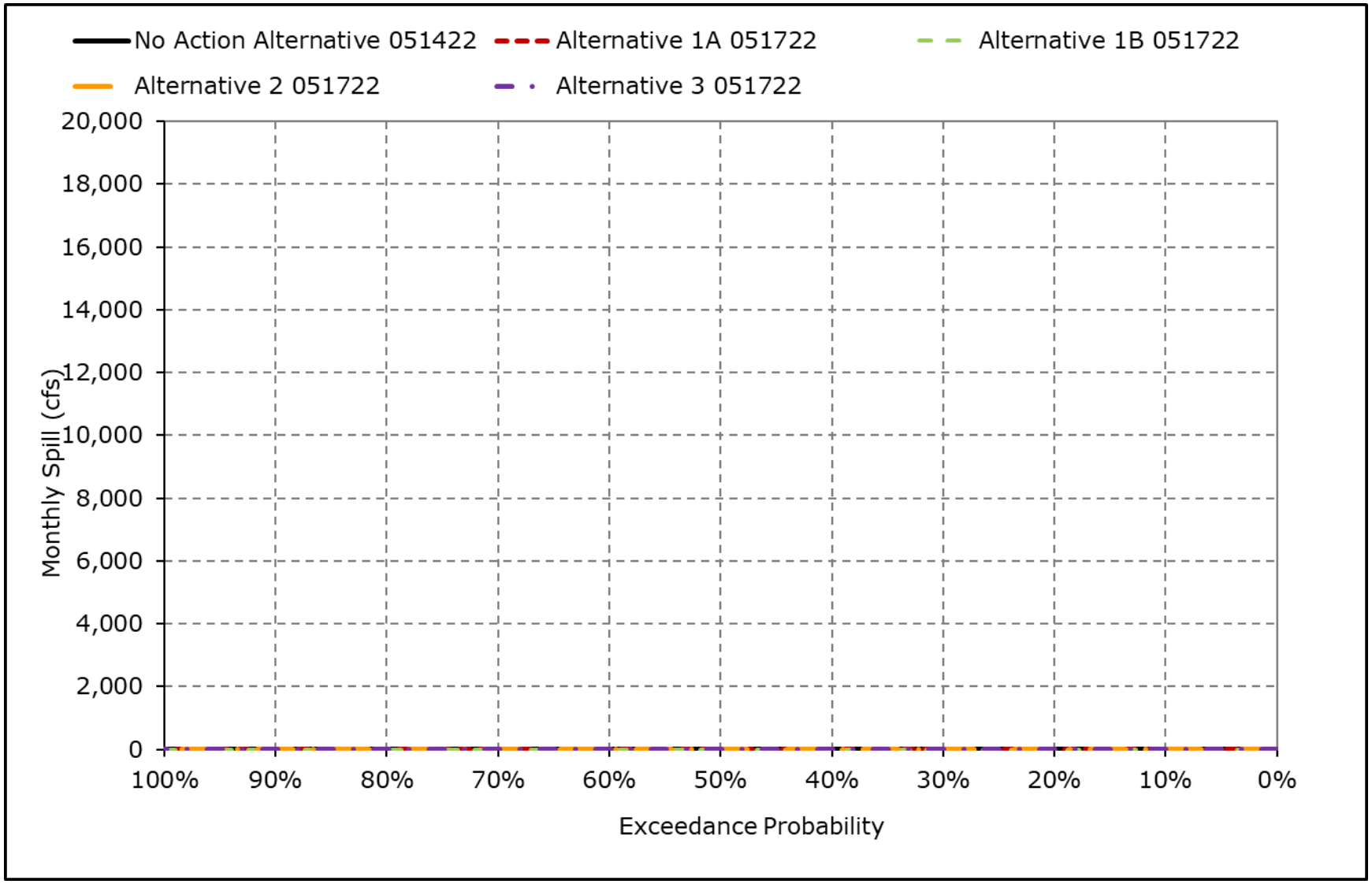
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-17. Tisdale Weir Spill, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-8-18. Tisdale Weir Spill, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-9-1a. Sacramento River Flow at Wilkins Slough, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,145	9,732	20,675	25,435	26,633	24,539	21,872	12,615	8,152	8,968	7,385	10,701
20% Exceedance	7,811	7,929	17,072	22,156	24,431	21,853	17,408	8,794	7,031	8,221	6,842	9,723
30% Exceedance	6,305	7,207	14,443	17,434	21,741	19,330	13,095	5,516	6,460	7,641	6,094	9,066
40% Exceedance	5,987	6,682	11,427	15,120	20,197	16,557	9,744	5,229	5,887	7,310	5,580	8,173
50% Exceedance	5,671	6,260	8,719	10,930	15,223	14,081	8,391	4,672	5,281	6,713	5,348	6,008
60% Exceedance	5,173	5,844	7,955	9,471	13,444	12,072	7,427	4,376	5,031	6,129	5,108	5,196
70% Exceedance	4,973	5,476	6,950	8,223	10,418	9,782	6,915	4,212	4,842	5,372	5,009	4,847
80% Exceedance	4,509	4,811	6,033	6,889	7,925	8,761	6,040	3,842	4,547	4,766	4,832	4,576
90% Exceedance	4,086	4,518	5,414	5,794	6,520	6,466	5,122	3,535	4,383	4,260	4,164	4,311
Full Simulation Period Average[a]	6,163	6,948	11,446	13,812	16,365	14,955	11,165	6,571	6,194	6,643	5,690	7,064
Wet Water Years (32%)	7,937	7,747	12,506	19,755	22,810	19,941	16,948	9,839	7,581	7,040	6,500	10,084
Above Normal Water Years (15%)	6,171	8,012	11,652	16,990	19,262	19,072	12,423	7,096	6,078	7,772	6,253	8,464
Below Normal Water Years (17%)	6,015	7,309	12,779	12,049	14,465	12,180	9,246	5,205	5,623	6,614	5,178	5,431
Dry Water Years (22%)	4,630	5,922	11,457	8,485	11,986	11,488	7,181	4,219	5,533	6,358	5,157	4,725
Critical Water Years (15%)	4,785	5,270	7,374	7,804	8,292	8,474	5,593	4,087	4,964	5,115	4,768	4,532

Table 5C-9-1b. Sacramento River Flow at Wilkins Slough, Alternative 1A 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,151	9,552	19,608	25,073	26,576	24,132	20,715	12,513	8,222	8,882	7,280	10,694
20% Exceedance	7,817	7,948	15,782	21,141	24,141	21,461	16,849	8,795	7,052	8,310	6,832	9,723
30% Exceedance	6,393	7,158	13,595	15,900	20,566	18,370	13,094	5,512	6,501	7,717	6,471	8,919
40% Exceedance	5,916	6,582	11,411	13,348	19,428	15,029	9,730	5,085	5,886	7,458	5,904	7,987
50% Exceedance	5,728	6,224	8,722	11,040	14,532	13,352	8,369	4,660	5,257	7,045	5,559	5,741
60% Exceedance	5,312	5,548	7,860	9,442	12,807	11,490	7,346	4,311	4,982	6,279	5,365	5,345
70% Exceedance	5,007	5,098	6,972	8,161	10,192	9,511	6,852	4,183	4,816	5,415	5,098	5,040
80% Exceedance	4,724	4,693	5,962	6,850	7,864	8,646	5,907	3,825	4,556	4,843	4,981	4,748
90% Exceedance	4,287	4,123	5,361	5,804	6,522	6,314	5,397	3,520	4,269	4,543	4,766	4,504
Full Simulation Period Average[a]	6,191	6,750	11,086	13,421	15,877	14,463	10,985	6,467	6,171	6,757	5,873	7,076
Wet Water Years (32%)	7,881	7,552	12,269	19,361	22,433	19,642	16,599	9,607	7,568	7,050	6,480	10,044
Above Normal Water Years (15%)	6,308	7,850	11,159	16,100	18,210	18,154	12,200	7,070	6,059	7,717	6,075	8,259
Below Normal Water Years (17%)	5,858	7,067	12,200	11,604	13,922	11,647	9,111	5,188	5,609	6,481	5,083	5,239
Dry Water Years (22%)	4,717	5,716	10,947	8,348	11,560	10,861	7,135	4,237	5,524	6,736	5,660	4,882
Critical Water Years (15%)	5,008	5,092	7,356	7,602	8,098	8,242	5,570	3,898	4,886	5,516	5,595	4,896

Table 5C-9-1c. Sacramento River Flow at Wilkins Slough, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6	-181	-1,067	-362	-56	-408	-1,157	-102	69	-85	-105	-6
20% Exceedance	6	19	-1,290	-1,015	-290	-392	-559	1	20	89	-10	0
30% Exceedance	87	-48	-848	-1,534	-1,176	-960	-1	-4	41	75	377	-147
40% Exceedance	-71	-101	-16	-1,772	-770	-1,527	-14	-144	-1	148	324	-186
50% Exceedance	57	-36	3	110	-690	-729	-22	-12	-23	332	211	-267
60% Exceedance	139	-296	-95	-29	-637	-582	-81	-65	-48	150	257	149
70% Exceedance	34	-379	22	-62	-226	-271	-63	-29	-26	43	89	194
80% Exceedance	214	-118	-71	-39	-61	-115	-133	-17	9	78	150	172
90% Exceedance	201	-395	-53	10	2	-152	275	-15	-114	283	602	194
Full Simulation Period Average[a]	27	-198	-361	-391	-488	-492	-180	-104	-23	114	183	12
Wet Water Years (32%)	-55	-195	-237	-394	-377	-299	-349	-232	-13	9	-20	-40
Above Normal Water Years (15%)	137	-162	-493	-890	-1,052	-918	-223	-27	-18	-55	-177	-205
Below Normal Water Years (17%)	-157	-242	-579	-445	-543	-533	-135	-18	-14	-133	-95	-192
Dry Water Years (22%)	87	-206	-509	-137	-427	-627	-46	18	-9	378	503	156
Critical Water Years (15%)	223	-178	-18	-203	-194	-232	-24	-189	-78	401	827	364

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-9-2a. Sacramento River Flow at Wilkins Slough, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,145	9,732	20,675	25,435	26,633	24,539	21,872	12,615	8,152	8,968	7,385	10,701
20% Exceedance	7,811	7,929	17,072	22,156	24,431	21,853	17,408	8,794	7,031	8,221	6,842	9,723
30% Exceedance	6,305	7,207	14,443	17,434	21,741	19,330	13,095	5,516	6,460	7,641	6,094	9,066
40% Exceedance	5,987	6,682	11,427	15,120	20,197	16,557	9,744	5,229	5,887	7,310	5,580	8,173
50% Exceedance	5,671	6,260	8,719	10,930	15,223	14,081	8,391	4,672	5,281	6,713	5,348	6,008
60% Exceedance	5,173	5,844	7,955	9,471	13,444	12,072	7,427	4,376	5,031	6,129	5,108	5,196
70% Exceedance	4,973	5,476	6,950	8,223	10,418	9,782	6,915	4,212	4,842	5,372	5,009	4,847
80% Exceedance	4,509	4,811	6,033	6,889	7,925	8,761	6,040	3,842	4,547	4,766	4,832	4,576
90% Exceedance	4,086	4,518	5,414	5,794	6,520	6,466	5,122	3,535	4,383	4,260	4,164	4,311
Full Simulation Period Average[a]	6,163	6,948	11,446	13,812	16,365	14,955	11,165	6,571	6,194	6,643	5,690	7,064
Wet Water Years (32%)	7,937	7,747	12,506	19,755	22,810	19,941	16,948	9,839	7,581	7,040	6,500	10,084
Above Normal Water Years (15%)	6,171	8,012	11,652	16,990	19,262	19,072	12,423	7,096	6,078	7,772	6,253	8,464
Below Normal Water Years (17%)	6,015	7,309	12,779	12,049	14,465	12,180	9,246	5,205	5,623	6,614	5,178	5,431
Dry Water Years (22%)	4,630	5,922	11,457	8,485	11,986	11,488	7,181	4,219	5,533	6,358	5,157	4,725
Critical Water Years (15%)	4,785	5,270	7,374	7,804	8,292	8,474	5,593	4,087	4,964	5,115	4,768	4,532

Table 5C-9-2b. Sacramento River Flow at Wilkins Slough, Alternative 1B 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,151	10,245	19,608	25,078	26,543	24,133	20,720	12,513	8,200	8,936	7,430	10,694
20% Exceedance	7,817	7,953	15,954	20,768	24,076	21,313	17,039	8,796	7,043	8,387	6,856	9,723
30% Exceedance	6,589	7,150	13,495	15,875	20,591	18,370	13,095	5,610	6,222	7,687	6,298	8,849
40% Exceedance	6,066	6,601	11,376	13,405	19,518	14,967	9,728	5,143	5,549	7,458	5,840	7,777
50% Exceedance	5,756	6,276	8,823	11,039	14,469	13,213	8,395	4,662	5,235	7,043	5,550	5,830
60% Exceedance	5,291	5,656	7,849	9,446	12,748	11,515	7,352	4,385	4,930	6,264	5,356	5,384
70% Exceedance	5,005	5,328	6,968	8,160	10,283	9,654	6,708	4,214	4,815	5,425	5,078	5,041
80% Exceedance	4,723	4,702	5,944	6,855	7,859	8,739	5,914	3,994	4,582	4,829	4,916	4,763
90% Exceedance	4,286	4,148	5,366	5,805	6,521	6,315	5,038	3,478	4,286	4,483	4,732	4,479
Full Simulation Period Average[a]	6,222	6,803	11,109	13,372	15,901	14,470	10,984	6,505	6,138	6,771	5,848	7,068
Wet Water Years (32%)	7,895	7,545	12,316	19,209	22,488	19,572	16,577	9,637	7,545	7,033	6,435	9,904
Above Normal Water Years (15%)	6,420	7,979	11,206	16,085	18,281	18,129	12,234	7,067	5,920	7,818	6,155	8,437
Below Normal Water Years (17%)	5,916	7,193	12,195	11,601	13,835	11,665	9,136	5,237	5,569	6,599	5,152	5,314
Dry Water Years (22%)	4,718	5,782	10,949	8,357	11,605	10,878	7,144	4,321	5,558	6,699	5,543	4,894
Critical Water Years (15%)	5,013	5,098	7,369	7,601	8,106	8,418	5,529	3,915	4,841	5,467	5,538	4,865

Table 5C-9-2c. Sacramento River Flow at Wilkins Slough, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6	513	-1,067	-357	-90	-406	-1,152	-103	47	-32	45	-7
20% Exceedance	6	23	-1,118	-1,388	-355	-540	-369	2	12	165	14	0
30% Exceedance	283	-57	-948	-1,560	-1,150	-961	1	95	-238	46	204	-217
40% Exceedance	78	-82	-51	-1,715	-679	-1,589	-16	-86	-337	149	260	-396
50% Exceedance	85	16	104	109	-754	-869	4	-11	-46	330	201	-178
60% Exceedance	118	-187	-106	-25	-695	-556	-75	9	-100	136	248	188
70% Exceedance	31	-148	19	-63	-135	-128	-207	3	-27	52	69	195
80% Exceedance	214	-109	-89	-34	-67	-21	-126	152	35	63	84	187
90% Exceedance	200	-370	-48	11	1	-152	-84	-57	-98	223	568	169
Full Simulation Period Average[a]	59	-145	-338	-440	-464	-485	-182	-66	-57	128	158	5
Wet Water Years (32%)	-42	-203	-190	-546	-322	-369	-371	-202	-37	-7	-65	-180
Above Normal Water Years (15%)	249	-34	-446	-905	-981	-942	-190	-29	-157	47	-98	-27
Below Normal Water Years (17%)	-100	-116	-585	-448	-630	-515	-110	32	-54	-15	-26	-117
Dry Water Years (22%)	88	-140	-508	-128	-382	-609	-36	102	24	341	386	169
Critical Water Years (15%)	227	-173	-5	-203	-185	-56	-64	-172	-123	352	770	333

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.

* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-9-3a. Sacramento River Flow at Wilkins Slough, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,145	9,732	20,675	25,435	26,633	24,539	21,872	12,615	8,152	8,968	7,385	10,701
20% Exceedance	7,811	7,929	17,072	22,156	24,431	21,853	17,408	8,794	7,031	8,221	6,842	9,723
30% Exceedance	6,305	7,207	14,443	17,434	21,741	19,330	13,095	5,516	6,460	7,641	6,094	9,066
40% Exceedance	5,987	6,682	11,427	15,120	20,197	16,557	9,744	5,229	5,887	7,310	5,580	8,173
50% Exceedance	5,671	6,260	8,719	10,930	15,223	14,081	8,391	4,672	5,281	6,713	5,348	6,008
60% Exceedance	5,173	5,844	7,955	9,471	13,444	12,072	7,427	4,376	5,031	6,129	5,108	5,196
70% Exceedance	4,973	5,476	6,950	8,223	10,418	9,782	6,915	4,212	4,842	5,372	5,009	4,847
80% Exceedance	4,509	4,811	6,033	6,889	7,925	8,761	6,040	3,842	4,547	4,766	4,832	4,576
90% Exceedance	4,086	4,518	5,414	5,794	6,520	6,466	5,122	3,535	4,383	4,260	4,164	4,311
Full Simulation Period Average[a]	6,163	6,948	11,446	13,812	16,365	14,955	11,165	6,571	6,194	6,643	5,690	7,064
Wet Water Years (32%)	7,937	7,747	12,506	19,755	22,810	19,941	16,948	9,839	7,581	7,040	6,500	10,084
Above Normal Water Years (15%)	6,171	8,012	11,652	16,990	19,262	19,072	12,423	7,096	6,078	7,772	6,253	8,464
Below Normal Water Years (17%)	6,015	7,309	12,779	12,049	14,465	12,180	9,246	5,205	5,623	6,614	5,178	5,431
Dry Water Years (22%)	4,630	5,922	11,457	8,485	11,986	11,488	7,181	4,219	5,533	6,358	5,157	4,725
Critical Water Years (15%)	4,785	5,270	7,374	7,804	8,292	8,474	5,593	4,087	4,964	5,115	4,768	4,532

Table 5C-9-3b. Sacramento River Flow at Wilkins Slough, Alternative 2 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,151	9,552	19,610	25,073	26,575	24,132	20,715	12,524	8,222	8,882	7,342	10,695
20% Exceedance	7,817	7,948	15,781	21,141	24,305	21,604	17,032	8,794	7,054	8,310	6,833	9,723
30% Exceedance	6,465	7,158	13,468	15,885	20,578	18,371	13,094	5,513	6,501	7,717	6,471	8,919
40% Exceedance	5,937	6,582	11,411	13,378	19,429	15,028	9,728	5,017	5,886	7,455	5,882	7,957
50% Exceedance	5,728	6,225	8,722	11,040	14,516	13,352	8,369	4,652	5,257	7,042	5,540	5,741
60% Exceedance	5,283	5,547	7,860	9,442	12,807	11,490	7,343	4,280	4,982	6,279	5,365	5,331
70% Exceedance	5,020	5,201	6,972	8,162	10,178	9,664	6,855	4,184	4,839	5,413	5,112	5,008
80% Exceedance	4,700	4,683	5,944	6,850	7,865	8,646	5,912	3,825	4,555	4,852	4,981	4,748
90% Exceedance	4,287	4,119	5,361	5,804	6,522	6,314	5,314	3,492	4,274	4,523	4,766	4,409
Full Simulation Period Average[a]	6,194	6,740	11,085	13,420	15,895	14,492	10,988	6,458	6,166	6,751	5,858	7,071
Wet Water Years (32%)	7,881	7,554	12,273	19,371	22,473	19,712	16,604	9,610	7,569	7,050	6,480	10,044
Above Normal Water Years (15%)	6,313	7,846	11,135	16,102	18,209	18,161	12,221	7,070	6,021	7,694	6,062	8,255
Below Normal Water Years (17%)	5,859	7,066	12,199	11,574	13,954	11,679	9,110	5,188	5,610	6,498	5,105	5,241
Dry Water Years (22%)	4,715	5,689	10,955	8,348	11,560	10,861	7,134	4,237	5,522	6,729	5,652	4,879
Critical Water Years (15%)	5,026	5,069	7,358	7,607	8,095	8,241	5,556	3,828	4,886	5,487	5,496	4,871

Table 5C-9-3c. Sacramento River Flow at Wilkins Slough, Alternative 2 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	5	-181	-1,065	-361	-58	-408	-1,157	-91	69	-86	-43	-6
20% Exceedance	6	18	-1,291	-1,015	-126	-248	-376	0	23	89	-10	0
30% Exceedance	160	-49	-975	-1,549	-1,163	-959	-1	-3	41	76	377	-147
40% Exceedance	-50	-101	-17	-1,742	-768	-1,528	-16	-212	-1	146	302	-216
50% Exceedance	57	-35	3	110	-707	-729	-22	-20	-23	329	191	-267
60% Exceedance	110	-297	-95	-29	-637	-582	-84	-96	-48	150	257	135
70% Exceedance	47	-275	22	-61	-239	-119	-60	-28	-2	40	103	161
80% Exceedance	191	-128	-89	-39	-60	-115	-128	-17	7	87	150	172
90% Exceedance	200	-399	-53	10	2	-152	193	-42	-109	263	602	99
Full Simulation Period Average[a]	30	-208	-361	-392	-471	-463	-178	-113	-28	108	169	8
Wet Water Years (32%)	-55	-194	-233	-384	-337	-229	-344	-229	-13	9	-19	-40
Above Normal Water Years (15%)	143	-166	-517	-888	-1,053	-911	-203	-27	-56	-77	-190	-209
Below Normal Water Years (17%)	-157	-243	-580	-476	-511	-501	-136	-17	-13	-116	-73	-191
Dry Water Years (22%)	85	-233	-501	-137	-427	-626	-46	18	-11	372	495	154
Critical Water Years (15%)	240	-202	-16	-197	-196	-233	-37	-259	-78	372	728	339

[a] Based on the 82-year simulation period.

* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 5C-9-4a. Sacramento River Flow at Wilkins Slough, No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,145	9,732	20,675	25,435	26,633	24,539	21,872	12,615	8,152	8,968	7,385	10,701
20% Exceedance	7,811	7,929	17,072	22,156	24,431	21,853	17,408	8,794	7,031	8,221	6,842	9,723
30% Exceedance	6,305	7,207	14,443	17,434	21,741	19,330	13,095	5,516	6,460	7,641	6,094	9,066
40% Exceedance	5,987	6,682	11,427	15,120	20,197	16,557	9,744	5,229	5,887	7,310	5,580	8,173
50% Exceedance	5,671	6,260	8,719	10,930	15,223	14,081	8,391	4,672	5,281	6,713	5,348	6,008
60% Exceedance	5,173	5,844	7,955	9,471	13,444	12,072	7,427	4,376	5,031	6,129	5,108	5,196
70% Exceedance	4,973	5,476	6,950	8,223	10,418	9,782	6,915	4,212	4,842	5,372	5,009	4,847
80% Exceedance	4,509	4,811	6,033	6,889	7,925	8,761	6,040	3,842	4,547	4,766	4,832	4,576
90% Exceedance	4,086	4,518	5,414	5,794	6,520	6,466	5,122	3,535	4,383	4,260	4,164	4,311
Full Simulation Period Average[a]	6,163	6,948	11,446	13,812	16,365	14,955	11,165	6,571	6,194	6,643	5,690	7,064
Wet Water Years (32%)	7,937	7,747	12,506	19,755	22,810	19,941	16,948	9,839	7,581	7,040	6,500	10,084
Above Normal Water Years (15%)	6,171	8,012	11,652	16,990	19,262	19,072	12,423	7,096	6,078	7,772	6,253	8,464
Below Normal Water Years (17%)	6,015	7,309	12,779	12,049	14,465	12,180	9,246	5,205	5,623	6,614	5,178	5,431
Dry Water Years (22%)	4,630	5,922	11,457	8,485	11,986	11,488	7,181	4,219	5,533	6,358	5,157	4,725
Critical Water Years (15%)	4,785	5,270	7,374	7,804	8,292	8,474	5,593	4,087	4,964	5,115	4,768	4,532

Table 5C-9-4b. Sacramento River Flow at Wilkins Slough, Alternative 3 051722, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	9,152	9,898	19,727	25,095	26,379	24,143	20,614	12,551	8,153	9,429	7,273	10,618
20% Exceedance	8,207	8,115	16,916	20,756	23,665	21,158	17,039	8,797	7,039	8,879	6,752	9,634
30% Exceedance	7,046	7,222	13,610	15,893	20,581	18,226	13,091	5,780	6,193	7,693	6,349	8,961
40% Exceedance	6,151	6,645	11,541	13,116	19,237	14,381	9,599	5,095	5,600	7,487	5,794	8,029
50% Exceedance	5,821	6,294	9,059	10,857	14,232	13,136	8,422	4,655	5,188	7,083	5,481	5,810
60% Exceedance	5,543	5,855	7,819	9,548	12,975	11,699	7,341	4,403	4,931	6,249	5,202	5,263
70% Exceedance	5,073	5,459	6,870	8,213	10,580	9,655	6,475	4,201	4,797	5,368	5,043	4,965
80% Exceedance	4,727	4,745	5,950	6,892	7,859	8,740	5,887	4,008	4,531	4,828	4,829	4,733
90% Exceedance	4,432	4,253	5,544	5,787	6,527	6,312	5,425	3,486	4,341	4,412	4,693	4,396
Full Simulation Period Average[a]	6,397	6,901	11,228	13,382	15,886	14,410	10,940	6,501	6,120	6,855	5,793	7,070
Wet Water Years (32%)	7,883	7,544	12,404	19,196	22,327	19,473	16,471	9,644	7,543	7,040	6,436	9,923
Above Normal Water Years (15%)	6,768	8,008	11,194	16,209	18,495	18,099	12,186	7,166	5,922	8,324	6,199	8,684
Below Normal Water Years (17%)	6,464	7,505	12,415	11,537	13,821	11,503	9,080	5,248	5,477	6,706	5,124	5,242
Dry Water Years (22%)	4,861	5,964	11,185	8,370	11,633	10,875	7,137	4,246	5,620	6,718	5,447	4,837
Critical Water Years (15%)	5,031	5,100	7,395	7,631	8,110	8,447	5,583	3,867	4,736	5,364	5,294	4,758

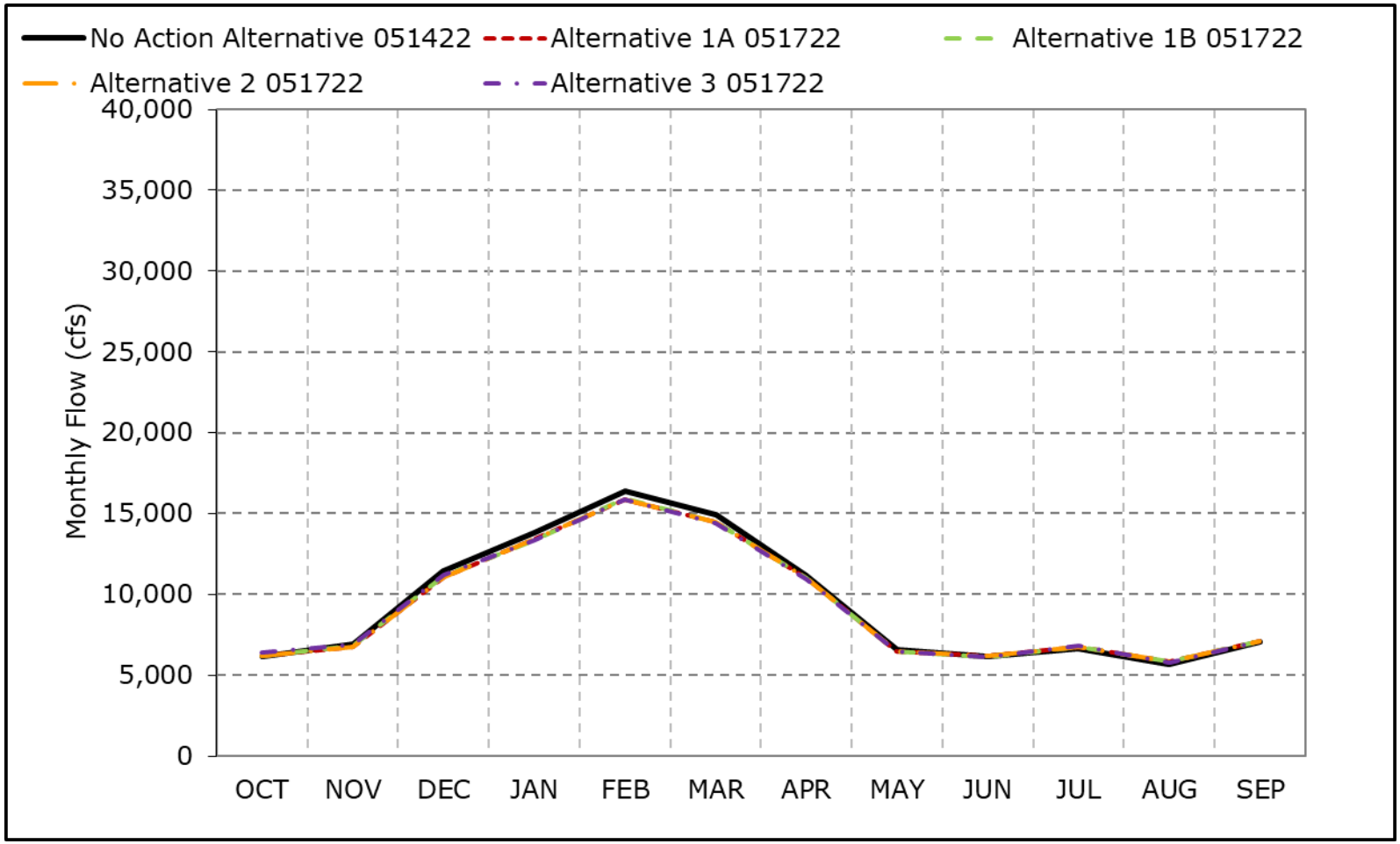
Table 5C-9-4c. Sacramento River Flow at Wilkins Slough, Alternative 3 051722 minus No Action Alternative 051422, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	7	166	-948	-340	-254	-396	-1,258	-64	1	461	-112	-83
20% Exceedance	396	185	-156	-1,400	-766	-695	-369	3	8	657	-90	-88
30% Exceedance	741	16	-834	-1,541	-1,160	-1,104	-4	264	-267	51	255	-105
40% Exceedance	164	-38	114	-2,004	-960	-2,176	-145	-134	-287	178	214	-144
50% Exceedance	150	34	340	-73	-991	-946	31	-18	-93	370	133	-198
60% Exceedance	370	11	-136	77	-469	-372	-86	27	-100	120	94	68
70% Exceedance	100	-17	-80	-11	163	-127	-440	-11	-45	-4	34	119
80% Exceedance	217	-66	-83	3	-66	-21	-153	166	-17	63	-2	157
90% Exceedance	346	-265	131	-7	7	-154	303	-49	-42	152	530	86
Full Simulation Period Average[a]	234	-48	-218	-430	-479	-545	-225	-71	-74	212	104	6
Wet Water Years (32%)	-54	-204	-102	-559	-483	-468	-477	-194	-38	-1	-63	-162
Above Normal Water Years (15%)	597	-5	-459	-781	-767	-972	-238	70	-155	553	-54	220
Below Normal Water Years (17%)	449	195	-365	-512	-644	-677	-165	42	-146	92	-54	-190
Dry Water Years (22%)	231	42	-272	-116	-353	-613	-44	27	86	360	290	111
Critical Water Years (15%)	246	-170	21	-174	-181	-27	-10	-220	-228	249	526	226

[a] Based on the 82-year simulation period.

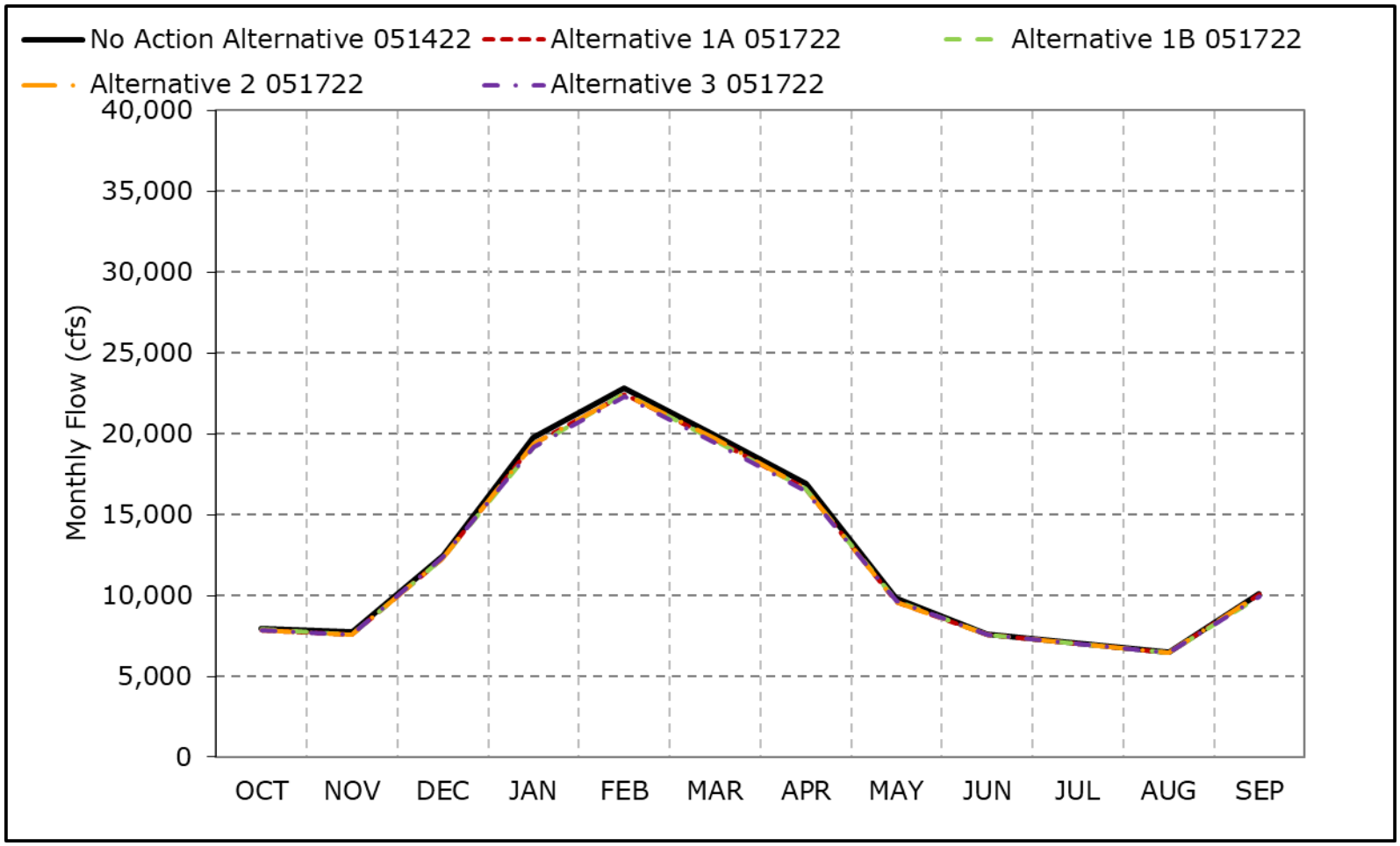
* These results are displayed with calendar year - year type sorting.
* As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-1. Sacramento River Flow at Wilkins Slough, Long-Term Average Flow



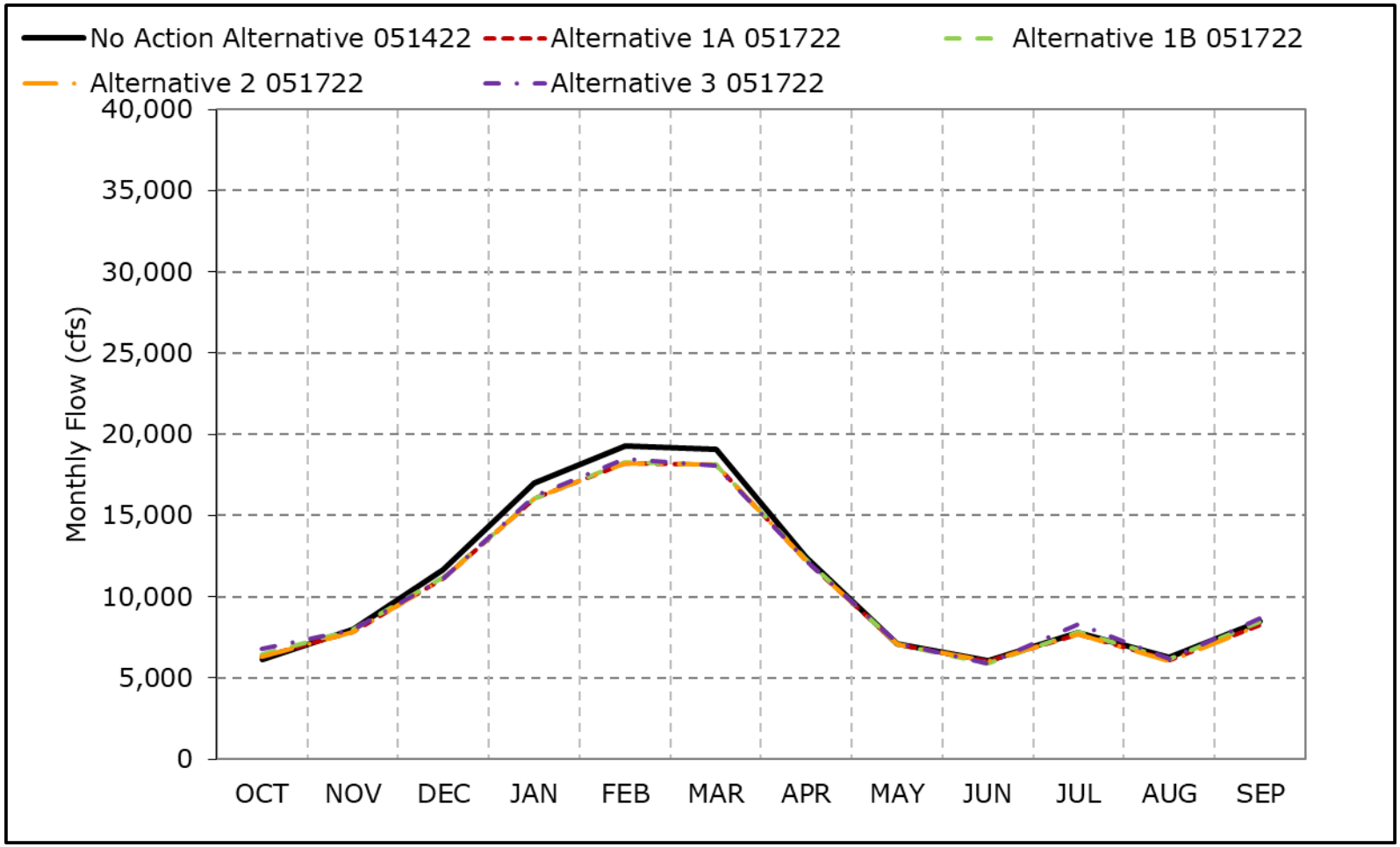
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-2. Sacramento River Flow at Wilkins Slough, Wet Year Average Flow



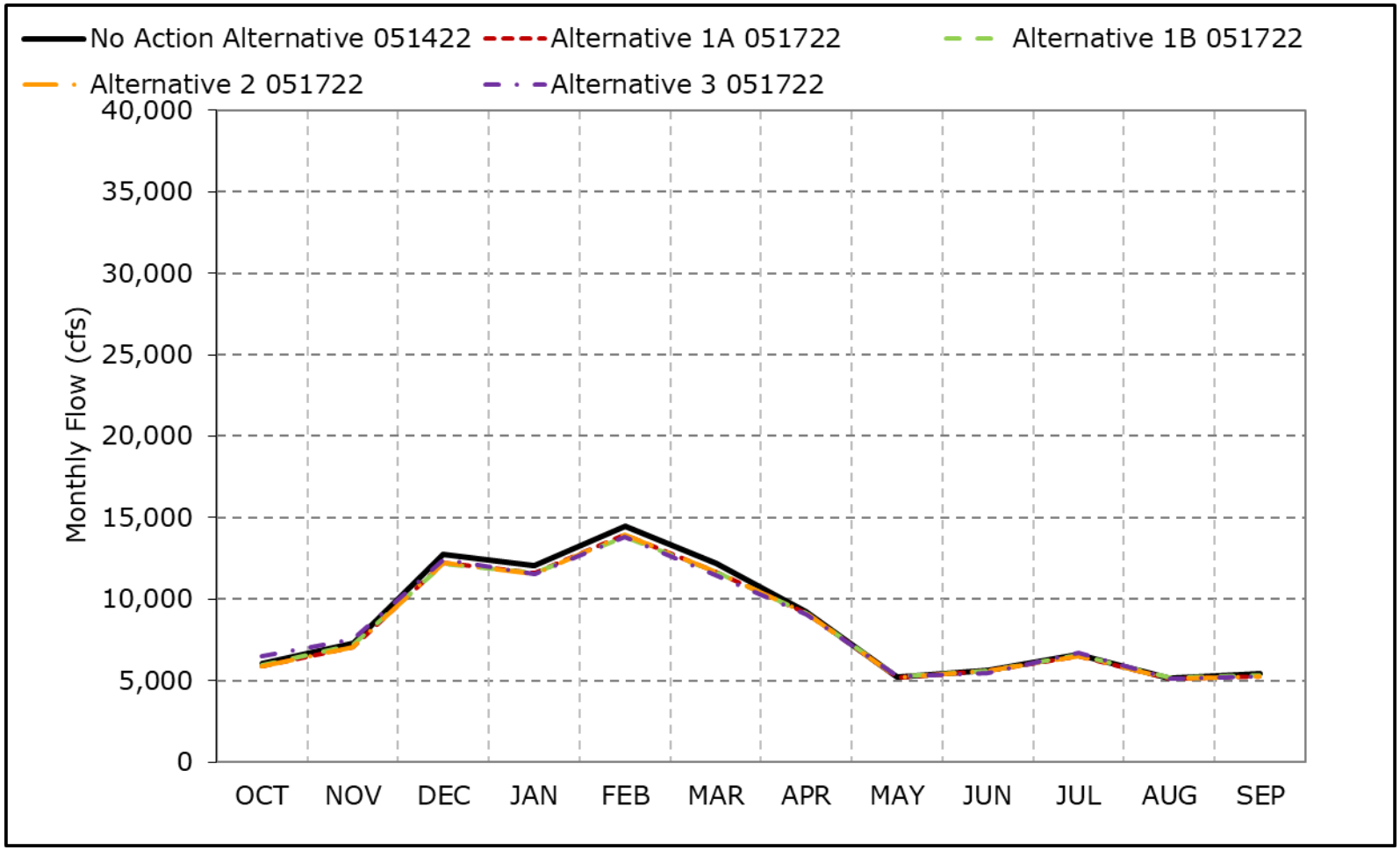
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-3. Sacramento River Flow at Wilkins Slough, Above Normal Year Average Flow



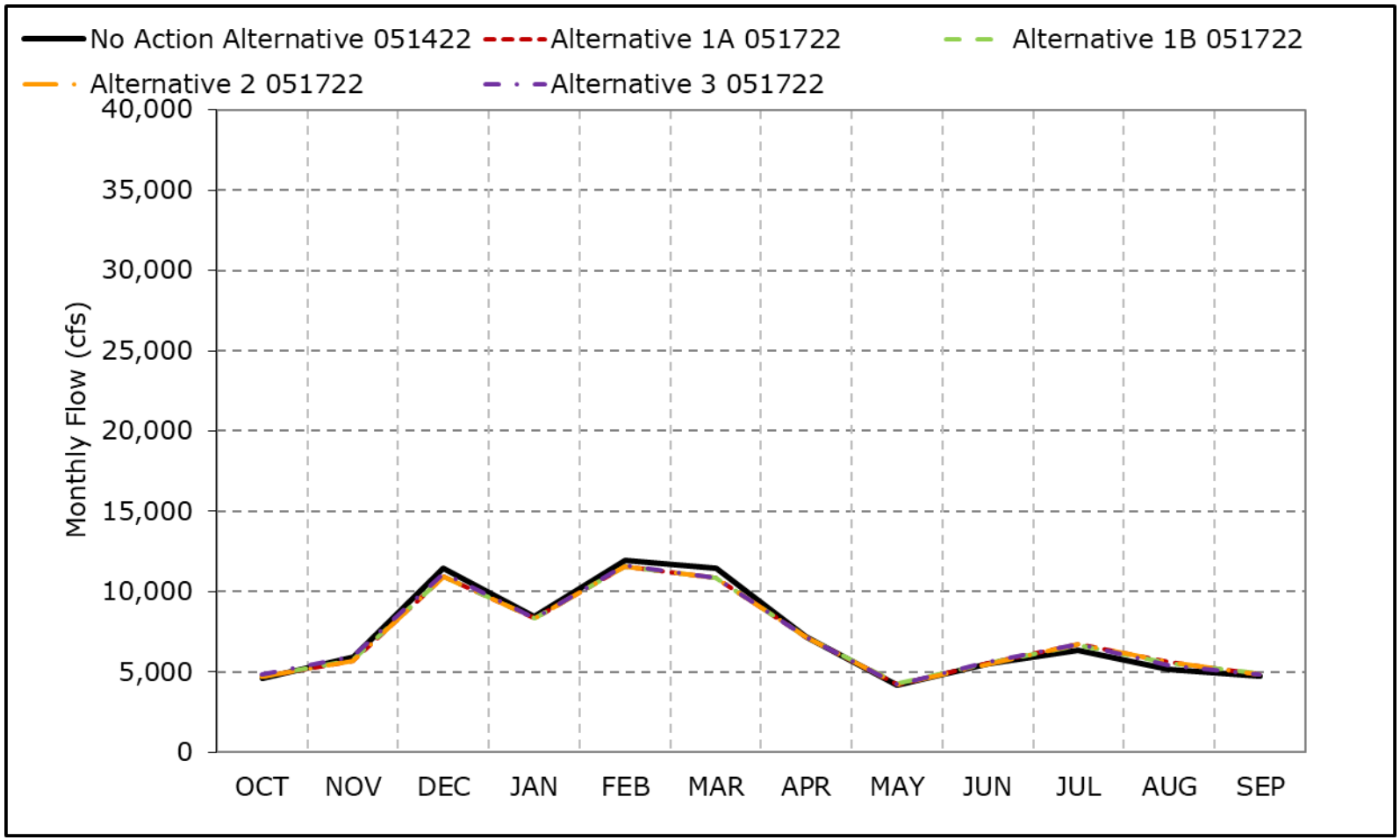
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-4. Sacramento River Flow at Wilkins Slough, Below Normal Year Average Flow



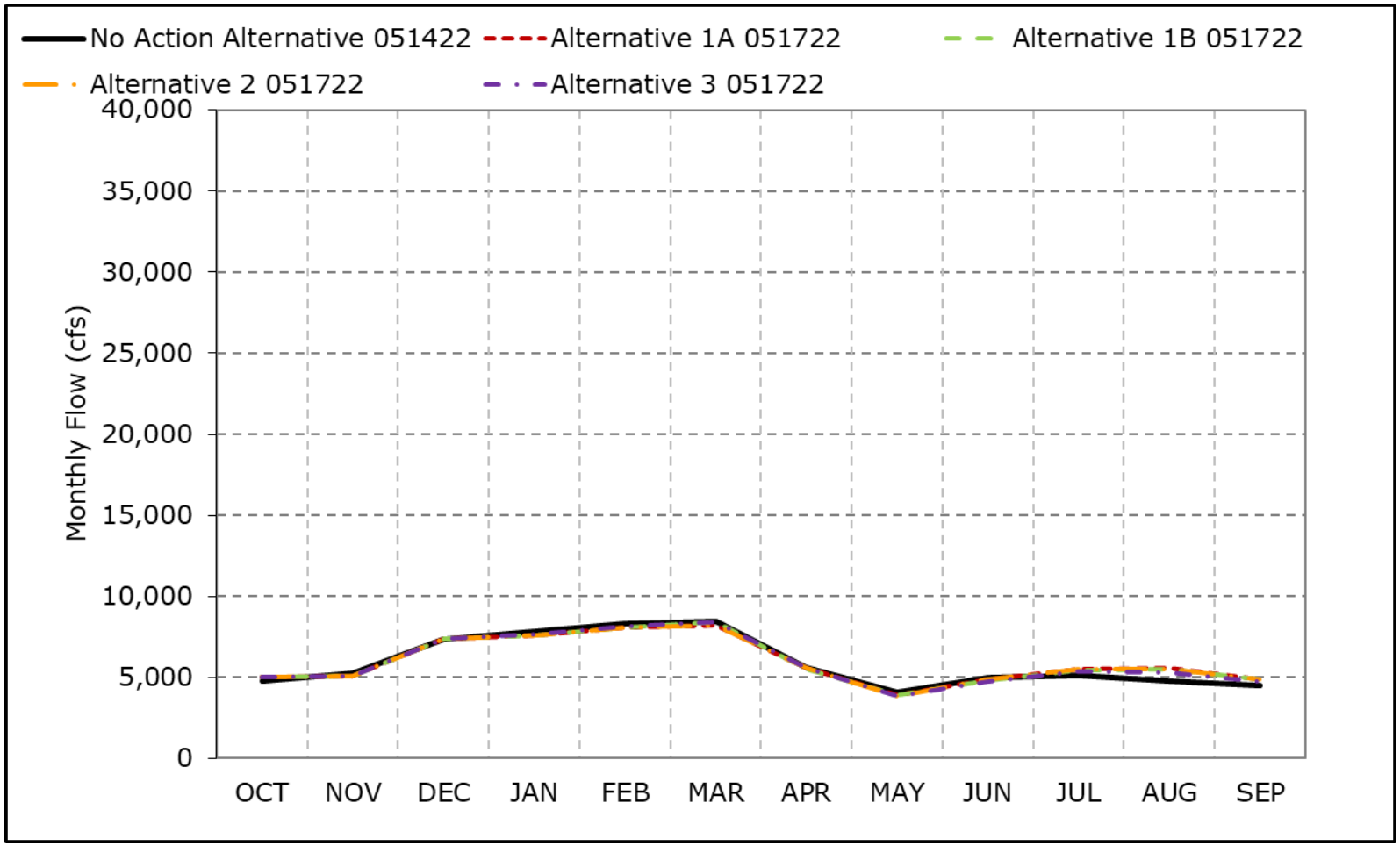
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-5. Sacramento River Flow at Wilkins Slough, Dry Year Average Flow



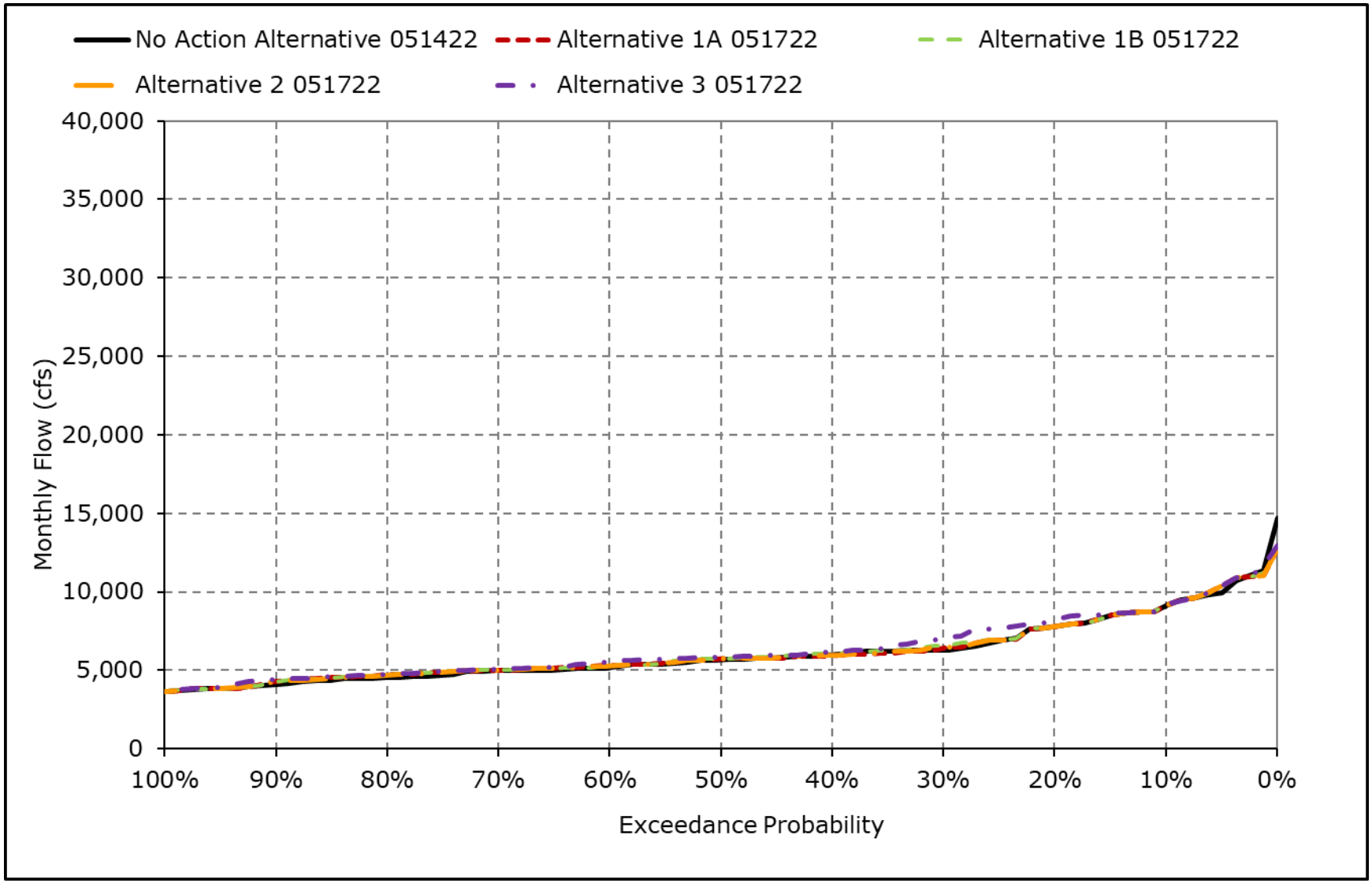
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-6. Sacramento River Flow at Wilkins Slough, Critical Year Average Flow



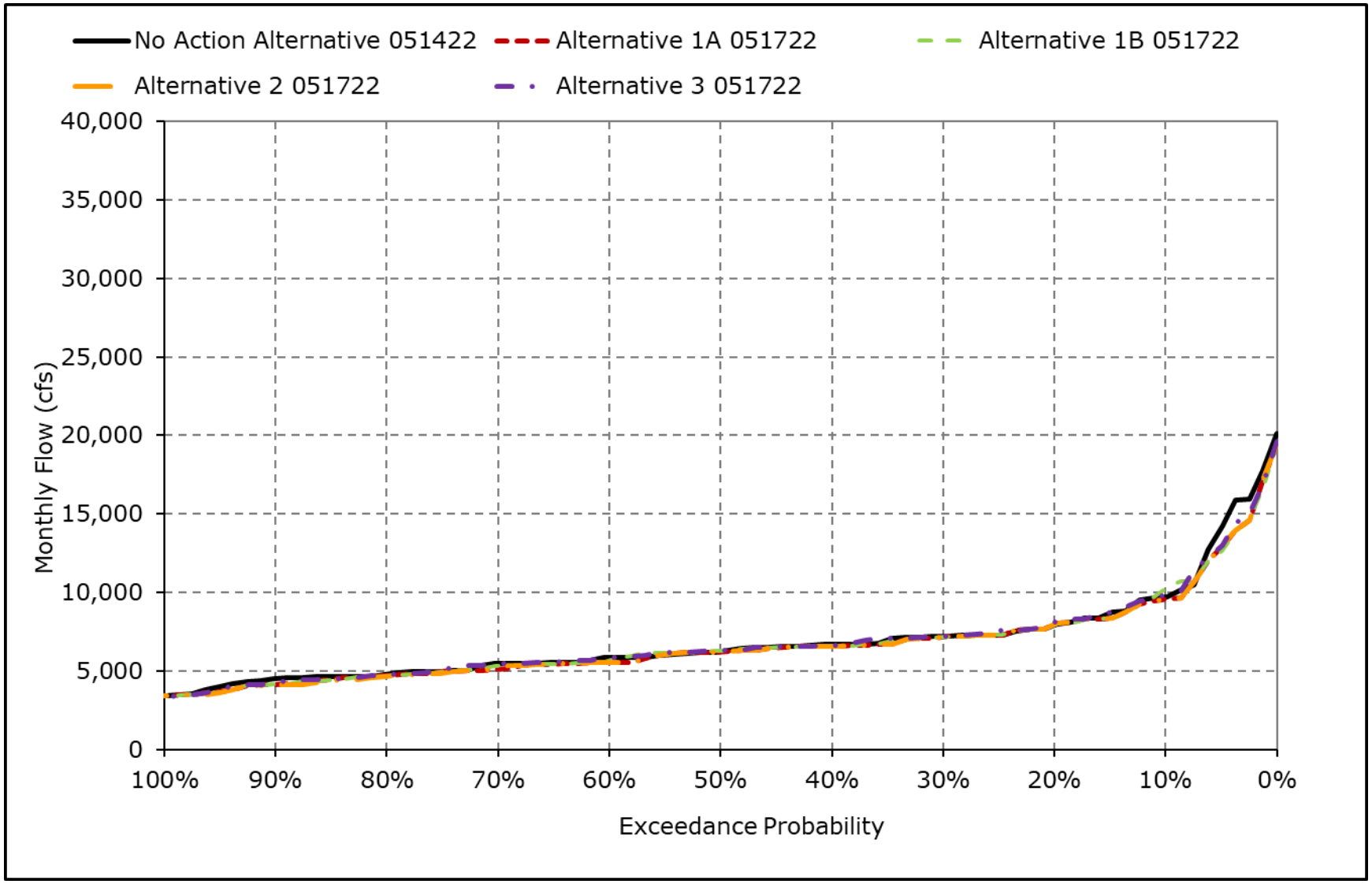
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-7. Sacramento River Flow at Wilkins Slough, October



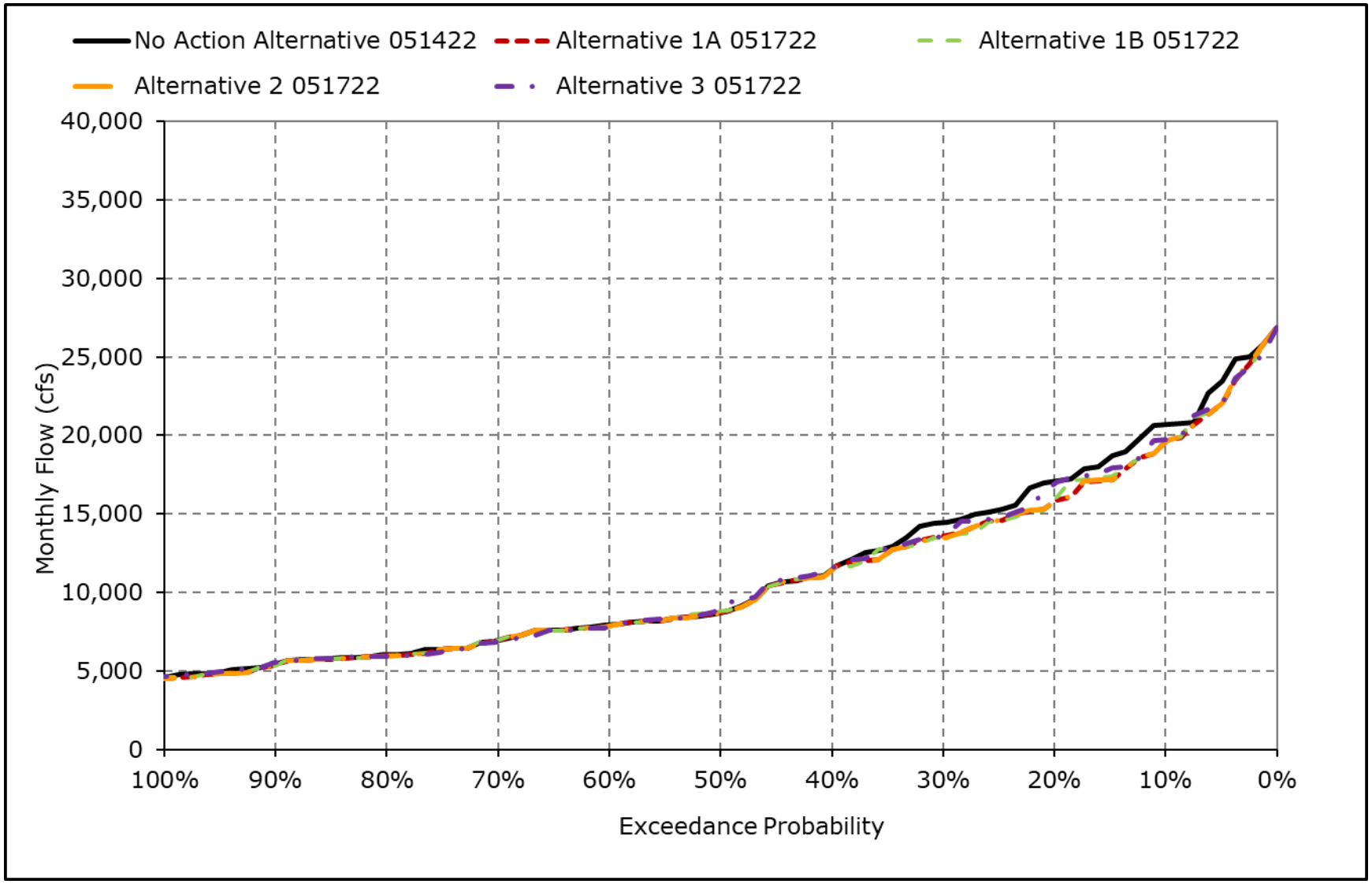
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-8. Sacramento River Flow at Wilkins Slough, November



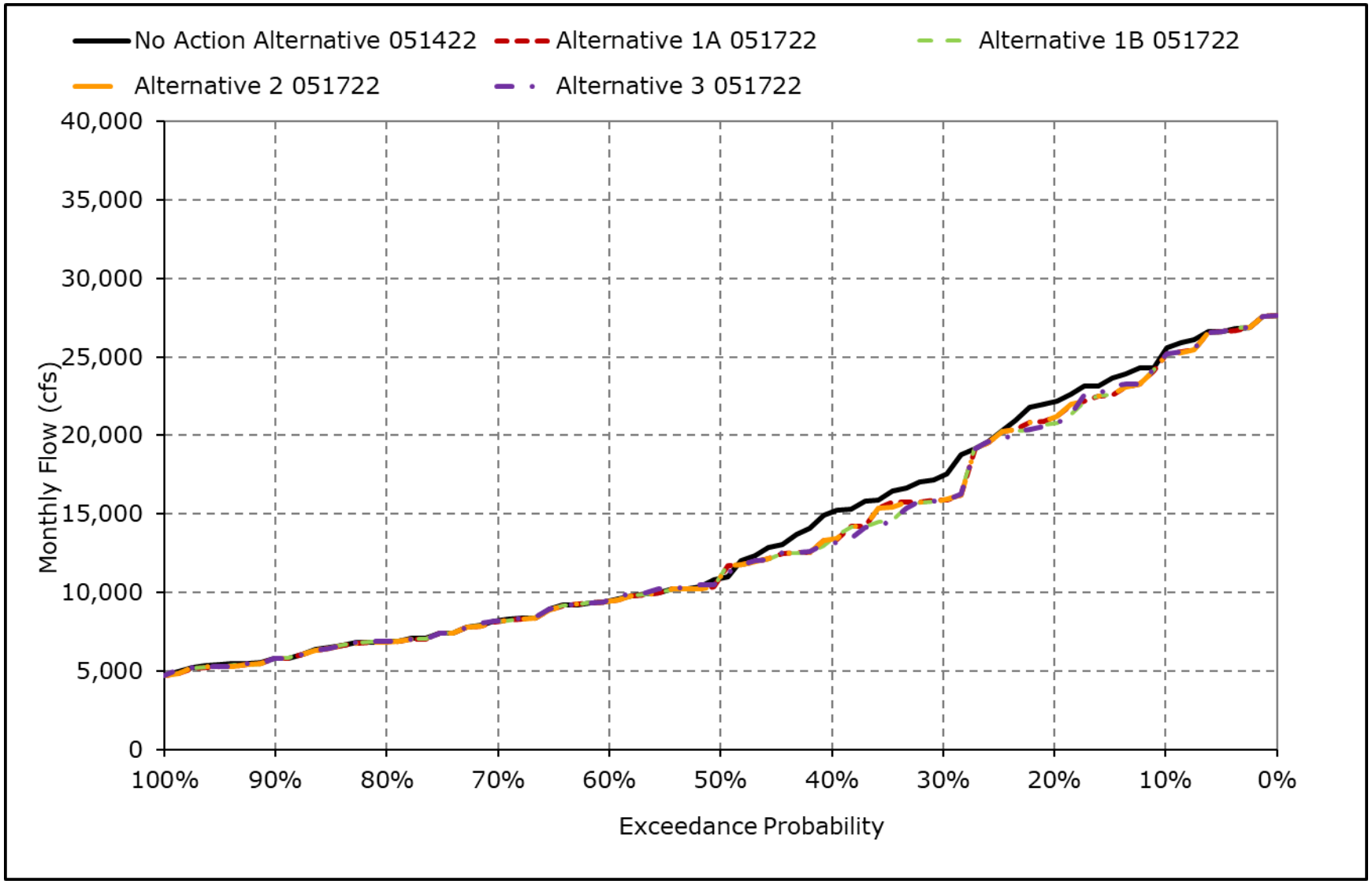
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-9. Sacramento River Flow at Wilkins Slough, December



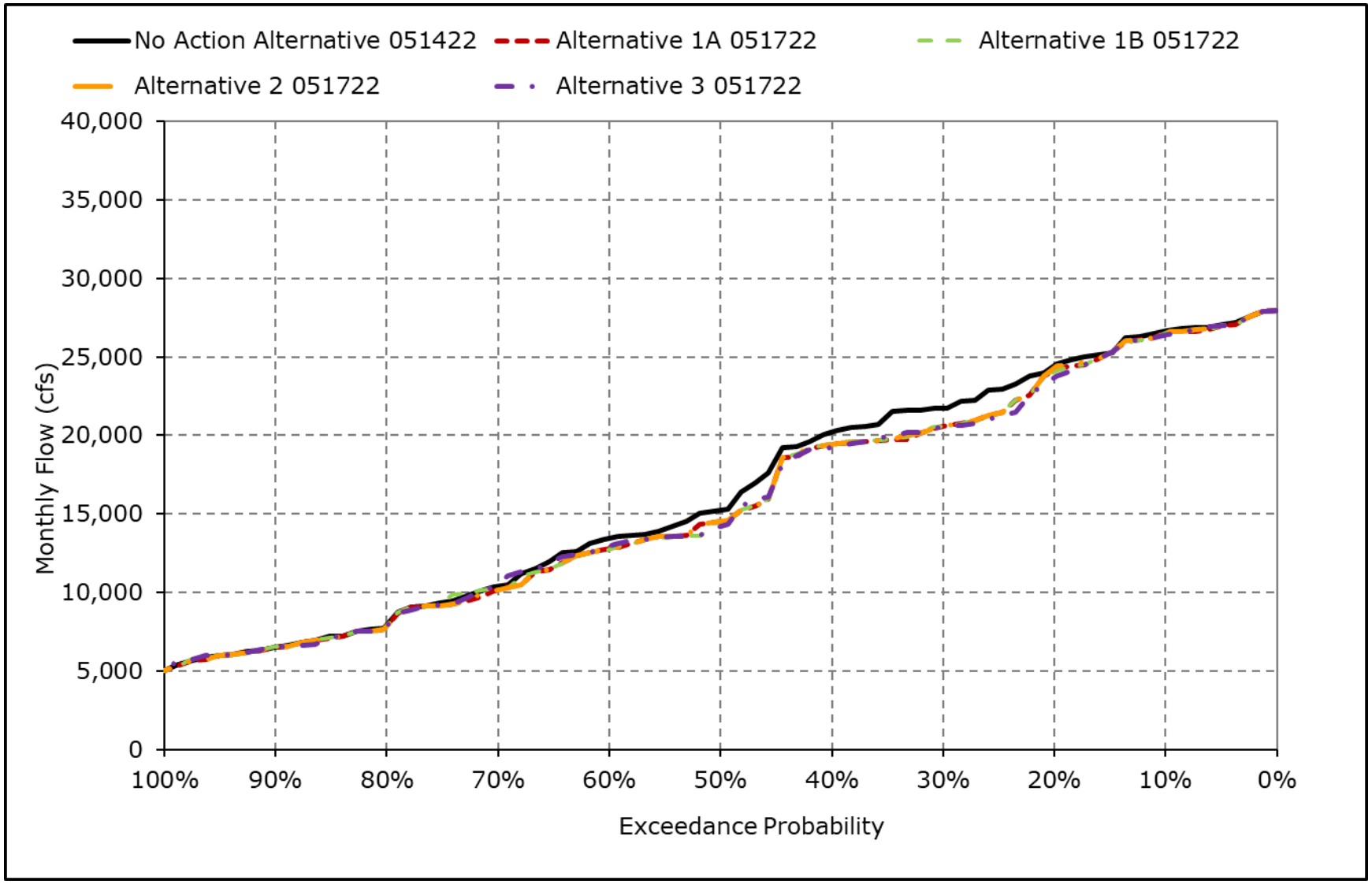
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-10. Sacramento River Flow at Wilkins Slough, January



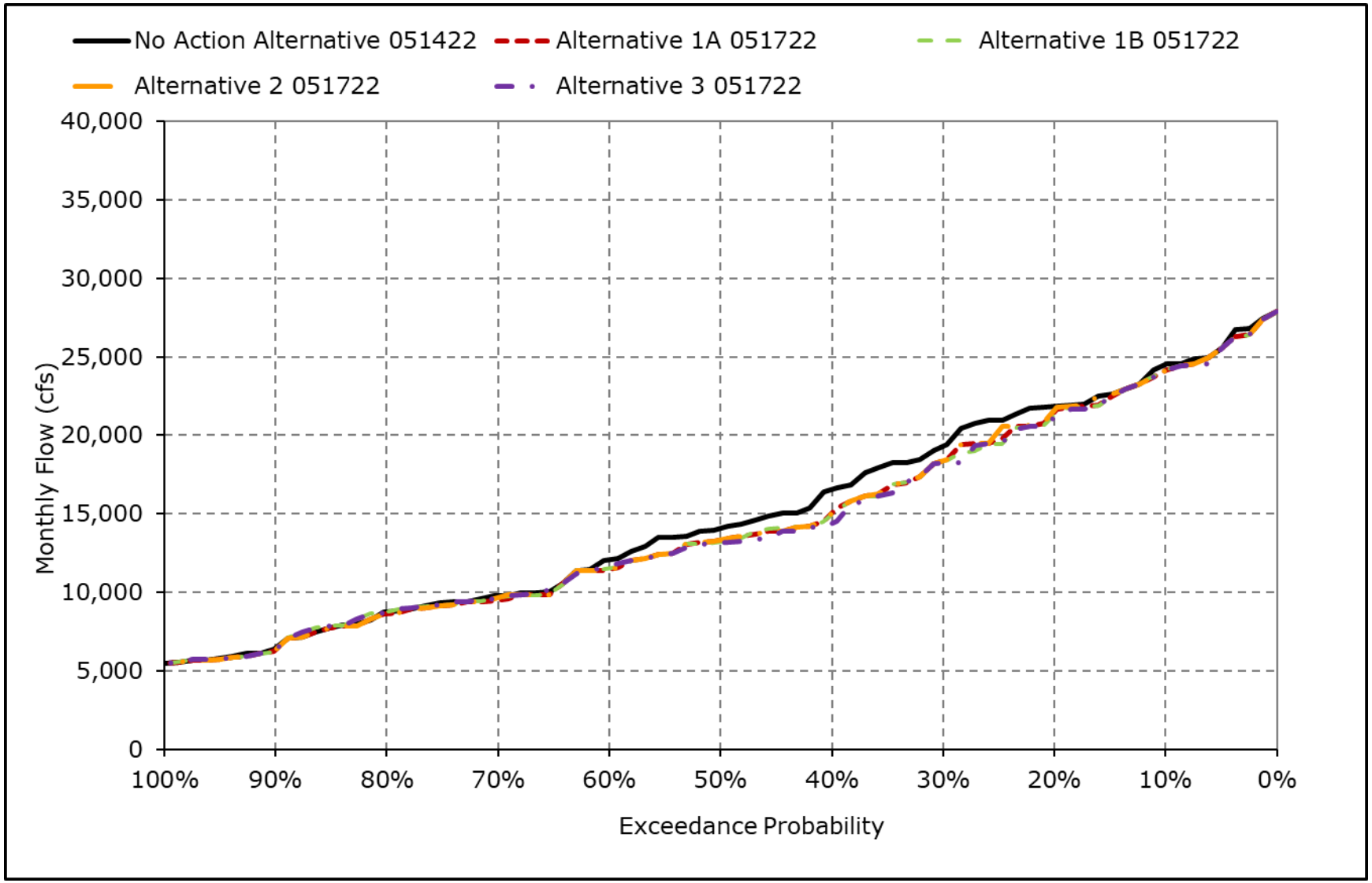
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-11. Sacramento River Flow at Wilkins Slough, February



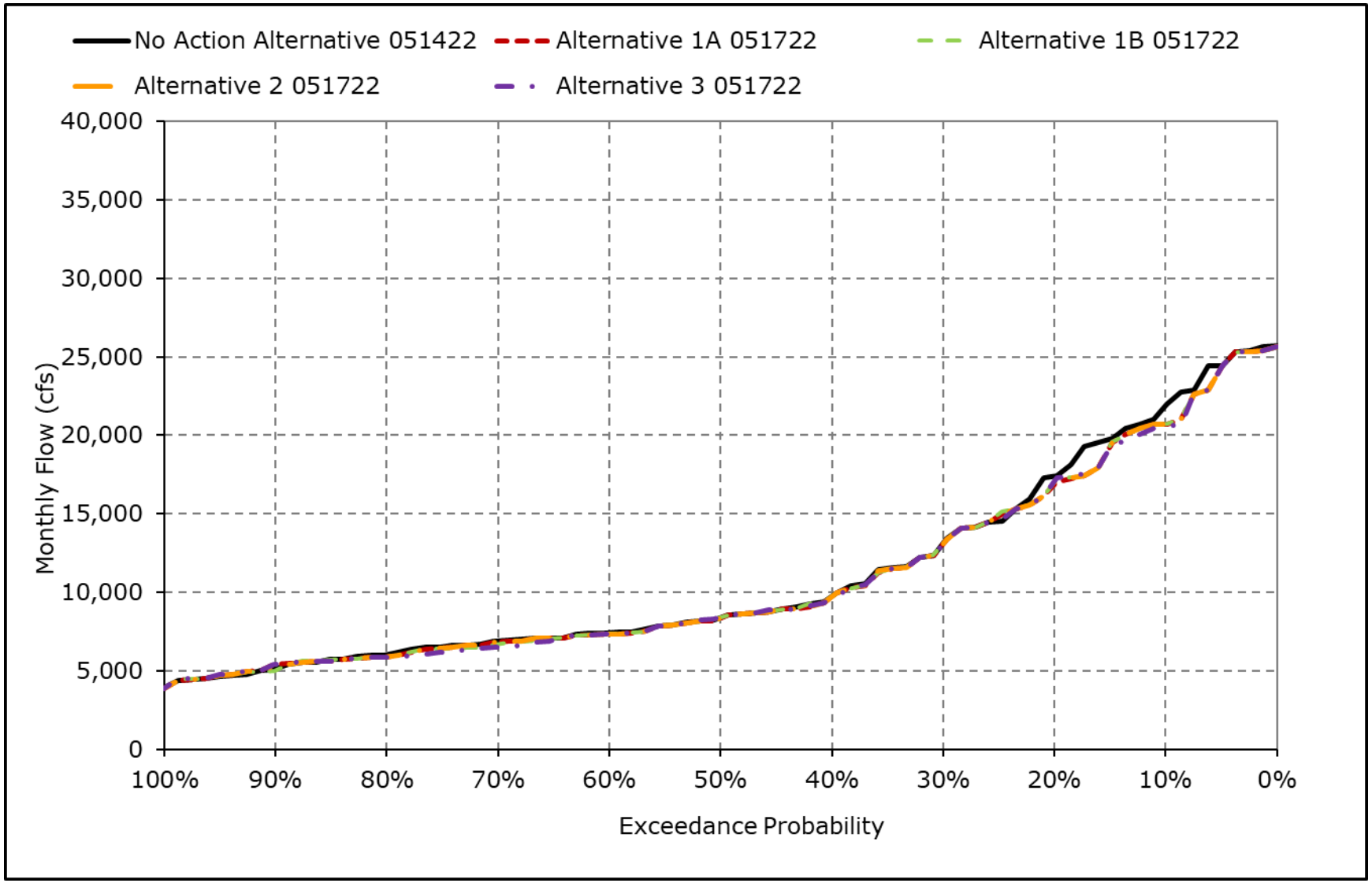
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-12. Sacramento River Flow at Wilkins Slough, March



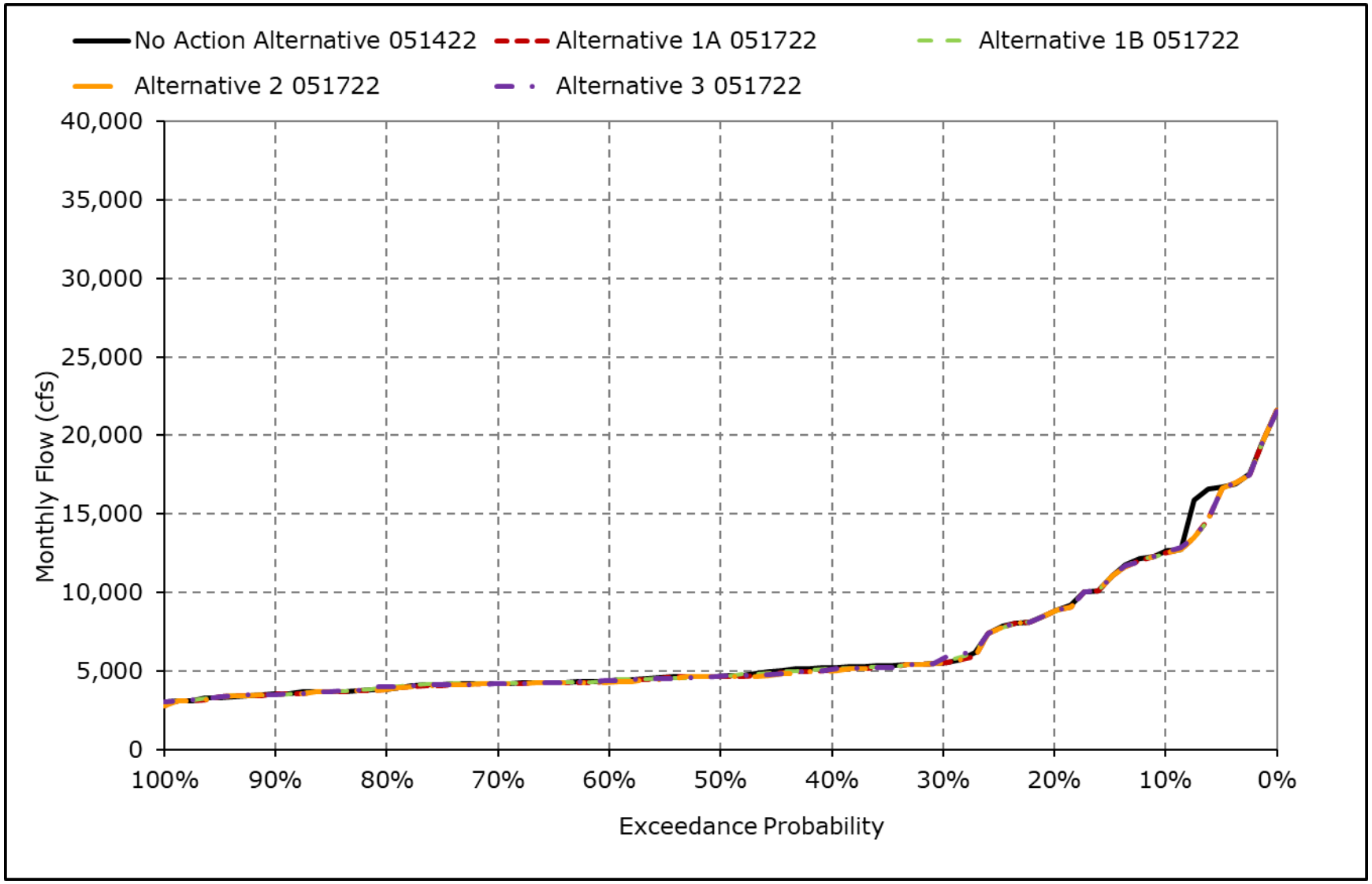
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-13. Sacramento River Flow at Wilkins Slough, April



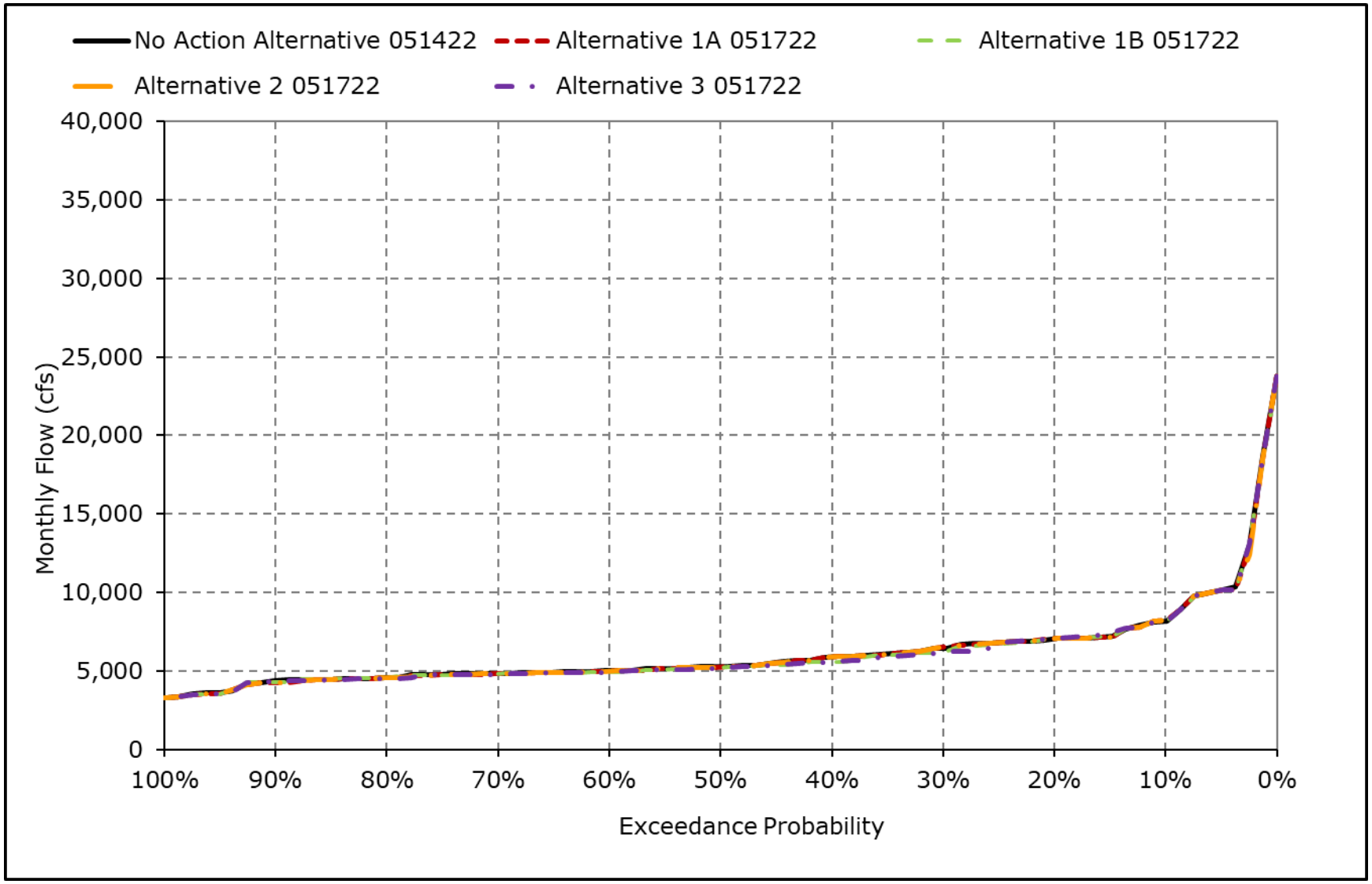
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-14. Sacramento River Flow at Wilkins Slough, May



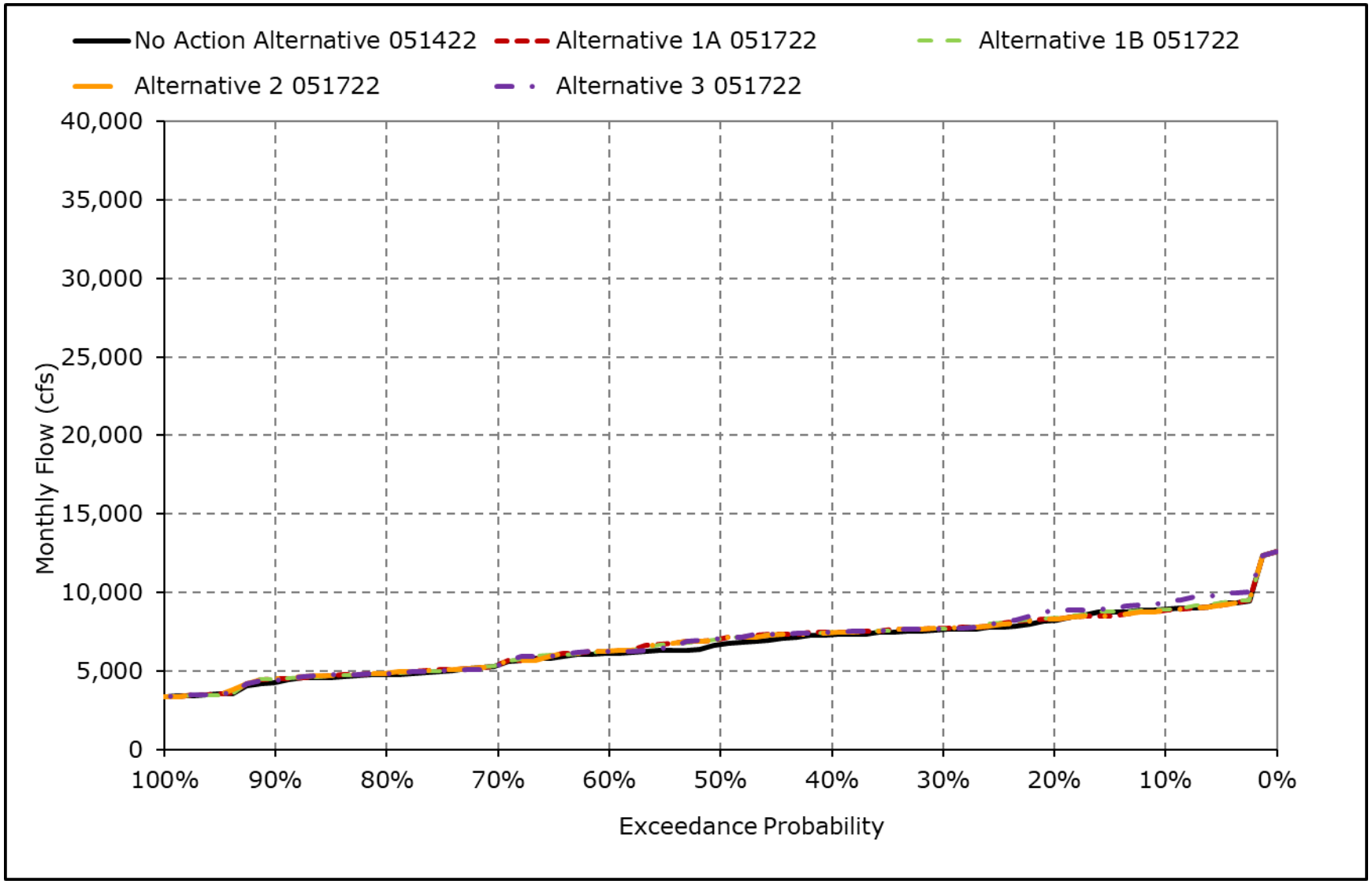
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-15. Sacramento River Flow at Wilkins Slough, June



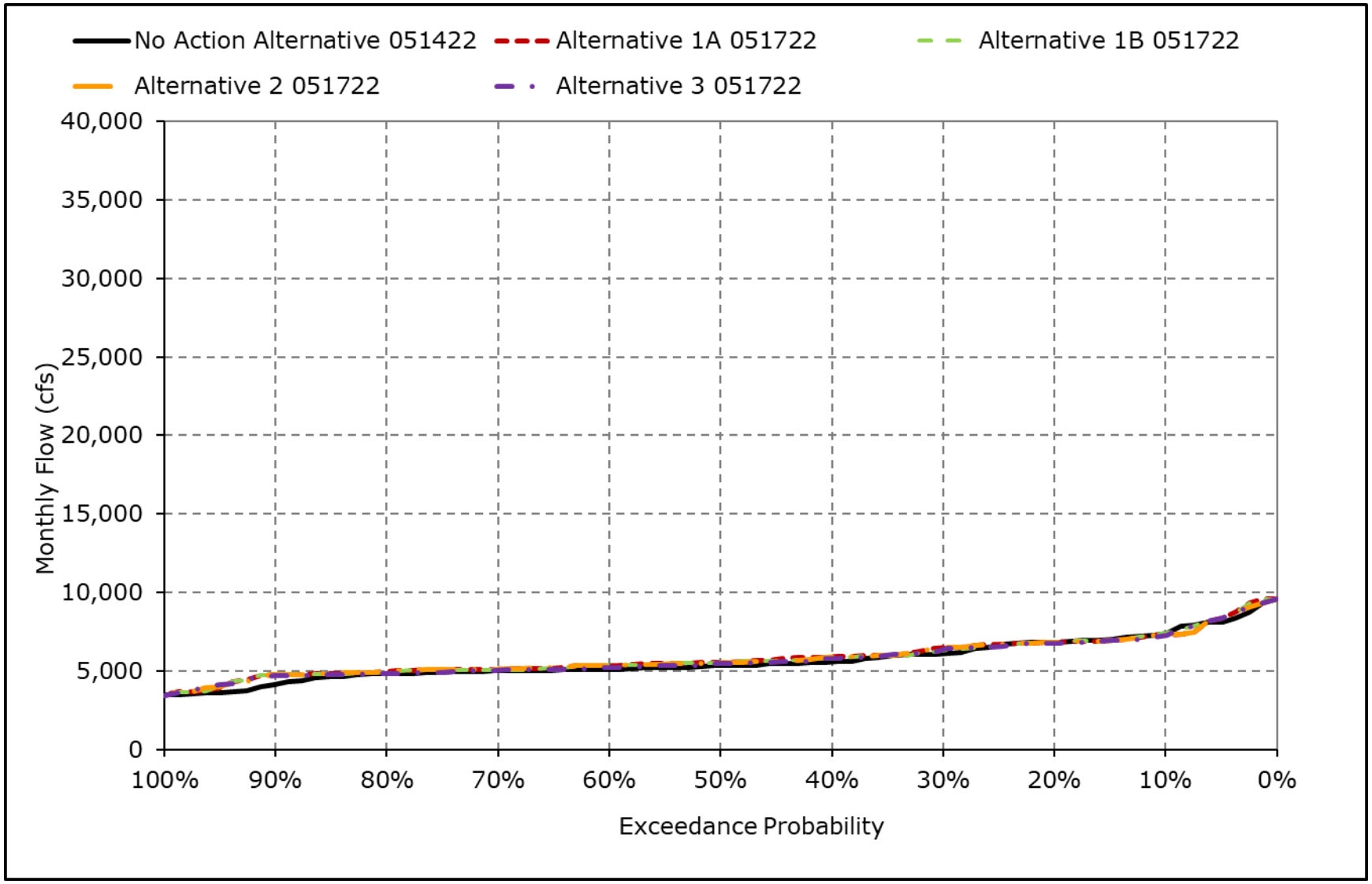
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-16. Sacramento River Flow at Wilkins Slough, July



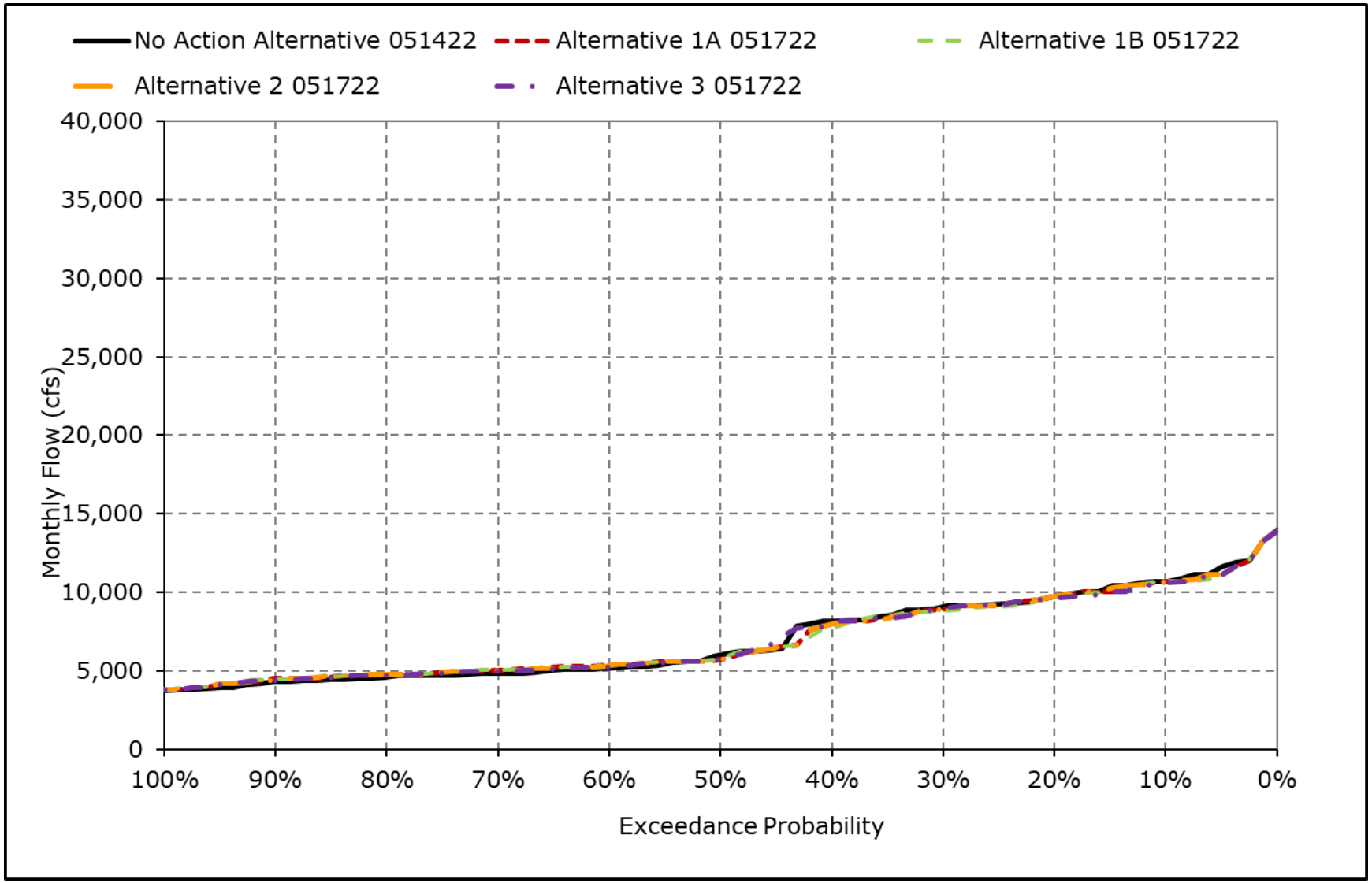
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-17. Sacramento River Flow at Wilkins Slough, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 5C-9-18. Sacramento River Flow at Wilkins Slough, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.