



Historical Archive and Report Database

— BUREAU OF — Lake Shasta Flood Control Requirements
RECLAMATION

Run Date: 5/10/2024

April 2024

Day	Shasta Inflow C.F.S. 1	Prev Day F.C. Par (Col. 3) X .95 2	F.C Param (Cols. 1+2) 3	.0356* X Days 12/23 Thru 3/20 4	530,000 Minus F.C. Param (Col 3) 5	Cols 4x5 6	F.C. Reserv (1,300,000 - Col 6) 7	Minus 14,943 Per Day After 3/20 8	Adjusted F.C. Reserv (7-8)	Perm Storage
			331,975							
1	13,055	315,376	328,431	3.0976	201,569	624,379	675,621	179,316	496,305	4,056,000
2	12,109	312,010	324,119	3.0976	205,881	637,738	662,262	194,259	468,003	4,084,000
3	13,603	307,913	321,516	3.0976	208,484	645,801	654,199	209,202	444,997	4,107,000
4	13,965	305,440	319,405	3.0976	210,595	652,339	647,661	224,145	423,516	4,128,000
5	10,777	303,435	314,212	3.0976	215,788	668,426	631,574	239,088	392,486	4,160,000
6	10,394	298,501	308,895	3.0976	221,105	684,894	615,106	254,031	361,075	4,191,000
7	11,001	293,450	304,451	3.0976	225,549	698,659	601,341	268,974	332,367	4,220,000
8	10,261	289,229	299,490	3.0976	230,510	714,028	585,972	283,917	302,055	4,250,000
9	12,651	284,515	297,166	3.0976	232,834	721,226	578,774	298,860	279,914	4,272,000
10	11,683	282,308	293,991	3.0976	236,009	731,061	568,939	313,803	255,136	4,297,000
11	10,200	279,292	289,492	3.0976	240,509	744,999	555,001	328,746	226,255	4,326,000
12	4,845	275,017	279,862	3.0976	250,138	774,828	525,172	343,689	181,483	4,371,000
13	10,167	265,869	276,036	3.0976	253,964	786,680	513,320	358,632	154,688	4,397,000
14	11,261	262,234	273,495	3.0976	256,505	794,550	505,450	373,575	131,875	4,420,000
15	11,587	259,820	271,407	3.0976	258,593	801,017	498,983	388,518	110,465	4,442,000
16	10,235	257,837	268,072	3.0976	261,928	811,348	488,652	403,461	85,191	4,467,000
17	11,463	254,668	266,131	3.0976	263,869	817,360	482,640	418,404	64,236	4,488,000
18	12,044	252,825	264,869	3.0976	265,131	821,271	478,729	433,347	45,382	4,507,000
19	10,566	251,625	262,191	3.0976	267,809	829,564	470,436	448,290	22,146	4,530,000
20	9,191	249,082	258,273	3.0976	271,727	841,702	458,298	463,233		4,552,000
21	9,439	245,359	254,798	3.0976	275,202	852,465	447,535	478,176		4,552,000
22	11,087	242,058	253,145	3.0976	276,855	857,585	442,415	493,119		4,552,000
23	10,346	240,488	250,834	3.0976	279,166	864,745	435,255	508,062		4,552,000
24	9,679	238,292	247,971	3.0976	282,029	873,612	426,388	523,005		4,552,000
25	9,658	235,573	245,231	3.0976	284,769	882,102	417,898	537,948		4,552,000
26	9,553	232,969	242,522	3.0976	287,478	890,492	409,508	552,891		4,552,000
27	7,817	230,396	238,213	3.0976	291,787	903,839	396,161	567,834		4,552,000
28	8,199	226,302	234,501	3.0976	295,499	915,337	384,663	582,777		4,552,000
29	8,247	222,776	231,023	3.0976	298,977	926,111	373,889	597,720		4,552,000
30	8,827	219,472	228,299	3.0976	301,701	934,549	365,451	612,663		4,552,000

Comments:

* LEAP YEAR CONSTANT = .0352
 CONSTANT .0356 = 1,300,000 / (TOTAL DAYS X (530,000 - 110,000))
 IF COL 3 IS GREATER THAN 530,000 OR LESS THAN 110,000 USE THOSE VALUES FOR COL 3 INSTEAD OF THE COMPUTED VALUE