

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

FEBRUARY 2020

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 1, 2020

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 4 X 5 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
			154,988							
1	7,699	147,239	154,938	1.4080	375,062	528,088	771,912			3,780,000
2	7,589	147,191	154,780	1.4432	375,220	541,518	758,482			3,794,000
3	6,319	147,041	153,360	1.4784	376,640	556,825	743,175			3,809,000
4	5,653	145,692	151,345	1.5136	378,655	573,133	726,867			3,825,000
5	6,260	143,777	150,037	1.5488	379,963	588,486	711,514			3,840,000
6	6,258	142,536	148,794	1.5840	381,206	603,831	696,169			3,856,000
7	5,069	141,354	146,423	1.6192	383,577	621,088	678,912			3,873,000
8	6,446	139,102	145,548	1.6544	384,452	636,038	663,962			3,888,000
9	5,799	138,270	144,069	1.6896	385,931	652,068	647,932			3,904,000
10	5,236	136,866	142,102	1.7248	387,898	669,047	630,953			3,921,000
11	4,605	134,997	139,602	1.7600	390,398	687,101	612,899			3,939,000
12	4,600	132,622	137,222	1.7952	392,778	705,116	594,884			3,957,000
13	5,565	130,361	135,926	1.8304	394,074	721,314	578,686			3,973,000
14	4,121	129,129	133,250	1.8656	396,750	740,176	559,824			3,992,000
15	5,676	126,588	132,264	1.9008	397,736	756,017	543,983			4,008,000
16	4,972	125,651	130,623	1.9360	399,377	773,195	526,805			4,025,000
17	4,804	124,092	128,896	1.9712	401,104	790,657	509,343			4,043,000
18	4,646	122,451	127,097	2.0064	402,903	808,385	491,615			4,060,000
19	4,769	120,742	125,511	2.0416	404,489	825,805	474,195			4,078,000
20	4,721	119,235	123,956	2.0768	406,044	843,271	456,729			4,095,000
21	4,440	117,759	122,199	2.1120	407,801	861,277	438,723			4,113,000
22	4,640	116,089	120,729	2.1472	409,271	878,788	421,212			4,131,000
23	4,340	114,692	119,032	2.1824	410,968	896,896	403,104			4,149,000
24	4,843	113,081	117,924	2.2176	412,076	913,821	386,179			4,166,000
25	4,651	112,027	116,678	2.2528	413,322	931,131	368,869			4,183,000
26	3,158	110,844	114,002	2.2880	415,998	951,802	348,198			4,204,000
27	4,738	108,302	113,040	2.3232	416,960	968,681	331,319			4,221,000
28	4,680	107,388	112,068	2.3584	417,932	985,650	314,350			4,238,000
29	4,253	106,465	110,718	2.3936	419,282	1,003,594	296,406			4,256,000

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.