

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

JULY 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 1, 2019

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
			154,648							
1	3,430	146,916	150,346							6,491,000
2	3,508	142,828	146,336							6,470,000
3	3,992	139,020	143,012							6,449,000
4	4,648	135,861	140,509							6,427,000
5	4,845	133,484	138,329							6,406,000
6	4,728	131,412	136,140							6,385,000
7	5,069	129,333	134,402							6,363,000
8	4,653	127,682	132,335							6,342,000
9	3,433	125,718	129,151							6,321,000
10	4,387	122,694	127,081							6,300,000
11	4,575	120,727	125,302							6,278,000
12	4,456	119,037	123,493							6,257,000
13	4,535	117,318	121,853							6,236,000
14	4,121	115,760	119,881							6,214,000
15	4,061	113,887	117,948							6,193,000
16	4,236	112,051	116,287							6,172,000
17	4,610	110,472	115,082							6,150,000
18	5,169	109,328	114,497							6,129,000
19	4,276	108,772	113,048							6,108,000
20	3,797	107,396	111,193							6,086,000
21	2,643	105,633	108,276							6,065,000
22	3,857	102,863	106,720							6,044,000
23	3,448	101,384	104,832							6,022,000
24	3,781	99,590	103,371							6,001,000
25	4,242	98,202	102,444							5,980,000
26	4,008	97,322	101,330							5,959,000
27	4,689	96,264	100,953							5,937,000
28	4,031	95,905	99,936							5,916,000
29	4,213	94,939	99,152							5,895,000
30	3,677	94,195	97,872							5,873,000
31	3,956	92,978	96,934							5,852,000

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.