

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

JUNE 2019

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: July 8, 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
			264,644							
1	9,117	251,412	260,529	3.0972	269,471	834,606	465,394	1,090,839		4,552,000
2	9,490	247,503	256,993	3.0972	273,007	845,559	454,441	1,105,782		4,552,000
3	9,525	244,143	253,668	3.0972	276,332	855,856	444,144	1,120,725		4,552,000
4	8,597	240,985	249,582	3.0972	280,418	868,512	431,488	1,135,668		4,552,000
5	8,636	237,102	245,738	3.0972	284,262	880,415	419,585	1,150,611		4,552,000
6	8,682	233,452	242,134	3.0972	287,866	891,580	408,420	1,165,554		4,552,000
7	8,928	230,027	238,955	3.0972	291,045	901,425	398,575	1,180,497		4,552,000
8	6,891	227,007	233,898	3.0972	296,102	917,087	382,913	1,195,440		4,552,000
9	5,733	222,203	227,936	3.0972	302,064	935,552	364,448	1,210,383		4,552,000
10	8,166	216,539	224,705	3.0972	305,295	945,559	354,441	1,225,326		4,552,000
11	7,136	213,470	220,606	3.0972	309,394	958,255	341,745	1,240,269		4,552,000
12	7,862	209,576	217,438	3.0972	312,562	968,068	331,932	1,255,212		4,552,000
13	6,983	206,566	213,549	3.0972	316,451	980,112	319,888	1,270,155		4,552,000
14	5,528	202,871	208,399	3.0972	321,601	996,061	303,939	1,285,098		4,552,000
15	5,481	197,979	203,460	3.0972	326,540	1,011,358	288,642	1,300,041		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.