

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

JUNE 2017

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: August 4, 2017

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3) X .95	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM (COL 3)	COLS 4 X 5	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER 3/20	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			233,504							
1	6,396	221,829	228,225	3.0972	301,775	934,659	365,341	1,090,839		4,552,000
2	6,917	216,813	223,730	3.0972	306,270	948,578	351,422	1,105,782		4,552,000
3	7,376	212,544	219,920	3.0972	310,080	960,380	339,620	1,120,725		4,552,000
4	8,054	208,924	216,978	3.0972	313,022	969,492	330,508	1,135,668		4,552,000
5	8,204	206,129	214,333	3.0972	315,667	977,684	322,316	1,150,611		4,552,000
6	6,997	203,616	210,613	3.0972	319,387	989,204	310,796	1,165,554		4,552,000
7	5,604	200,083	205,687	3.0972	324,313	1,004,463	295,537	1,180,497		4,552,000
8	6,915	195,402	202,317	3.0972	327,683	1,014,899	285,101	1,195,440		4,552,000
9	7,358	192,201	199,559	3.0972	330,441	1,023,440	276,560	1,210,383		4,552,000
10	5,151	189,582	194,733	3.0972	335,267	1,038,390	261,610	1,225,326		4,552,000
11	5,330	184,996	190,326	3.0972	339,674	1,052,039	247,961	1,240,269		4,552,000
12	5,875	180,810	186,685	3.0972	343,315	1,063,316	236,684	1,255,212		4,552,000
13	7,506	177,350	184,856	3.0972	345,144	1,068,979	231,021	1,270,155		4,552,000
14	5,489	175,614	181,103	3.0972	348,897	1,080,605	219,395	1,285,098		4,552,000
15	6,276	172,047	178,323	3.0972	351,677	1,089,213	210,787	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.