

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

FEBRUARY 2016

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 8, 2016

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			
			326,913							
1	16,043	310,567	326,610	1.4080	203,390	286,373	1,013,627			3,538,000
2	13,653	310,280	323,933	1.4432	206,067	297,397	1,002,603			3,549,000
3	13,113	307,736	320,849	1.4784	209,151	309,209	990,791			3,561,000
4	12,037	304,806	316,843	1.5136	213,157	322,634	977,366			3,575,000
5	10,152	301,001	311,153	1.5488	218,847	338,950	961,050			3,591,000
6	9,606	295,596	305,202	1.5840	224,798	356,081	943,919			3,608,000
7	8,280	289,942	298,222	1.6192	231,778	375,296	924,704			3,627,000
8	9,619	283,310	292,929	1.6544	237,071	392,210	907,790			3,644,000
9	7,955	278,283	286,238	1.6896	243,762	411,860	888,140			3,664,000
10	8,226	271,926	280,152	1.7248	249,848	430,938	869,062			3,683,000
11	6,207	266,144	272,351	1.7600	257,649	453,461	846,539			3,705,000
12	7,541	258,734	266,275	1.7952	263,725	473,439	826,561			3,725,000
13	7,404	252,961	260,365	1.8304	269,635	493,540	806,460			3,746,000
14	7,505	247,347	254,852	1.8656	275,148	513,316	786,684			3,765,000
15	7,782	242,109	249,891	1.9008	280,109	532,431	767,569			3,784,000
16	6,911	237,397	244,308	1.9360	285,692	553,100	746,900			3,805,000
17	8,905	232,092	240,997	1.9712	289,003	569,682	730,318			3,822,000
18	13,274	228,947	242,221	2.0064	287,779	577,399	722,601			3,829,000
19	13,340	230,110	243,450	2.0416	286,550	585,020	714,980			3,837,000
20	12,616	231,278	243,894	2.0768	286,106	594,185	705,815			3,846,000
21	11,263	231,699	242,962	2.1120	287,038	606,224	693,776			3,858,000
22	10,839	230,814	241,653	2.1472	288,347	619,138	680,862			3,871,000
23	9,692	229,570	239,262	2.1824	290,738	634,506	665,494			3,887,000
24	10,047	227,299	237,346	2.2176	292,654	648,989	651,011			3,901,000
25	9,588	225,479	235,067	2.2528	294,933	664,425	635,575			3,916,000
26	9,388	223,314	232,702	2.2880	297,298	680,219	619,781			3,932,000
27	9,382	221,067	230,449	2.3232	299,551	695,918	604,082			3,948,000
28	9,703	218,926	228,629	2.3584	301,371	710,753	589,247			3,963,000
29	7,050	217,198	224,248	2.3936	305,752	731,849	568,151			3,984,000

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.