

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

FEBRUARY 2010

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 1, 2010

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			
			285,110							
1	11,668	270,855	282,523	1.4240	247,477	352,408	947,592			3,604,000
2	9,307	268,396	277,703	1.4596	252,297	368,252	931,748			3,620,000
3	10,328	263,818	274,146	1.4952	255,854	382,553	917,447			3,635,000
4	15,554	260,439	275,993	1.5308	254,007	388,834	911,166			3,641,000
5	32,788	262,193	294,981	1.5664	235,019	368,133	931,867			3,620,000
6	33,152	280,232	313,384	1.6020	216,616	347,018	952,982			3,599,000
7	23,917	297,715	321,632	1.6376	208,368	341,223	958,777			3,593,000
8	18,130	305,550	323,680	1.6732	206,320	345,214	954,786			3,597,000
9	15,231	307,496	322,727	1.7088	207,273	354,187	945,813			3,606,000
10	12,933	306,591	319,524	1.7444	210,476	367,154	932,846			3,619,000
11	13,820	303,548	317,368	1.7800	212,632	378,485	921,515			3,630,000
12	14,512	301,499	316,011	1.8156	213,989	388,518	911,482			3,641,000
13	16,281	300,211	316,492	1.8512	213,508	395,246	904,754			3,647,000
14	15,137	300,667	315,804	1.8868	214,196	404,145	895,855			3,656,000
15	13,479	300,014	313,493	1.9224	216,507	416,213	883,787			3,668,000
16	12,653	297,818	310,471	1.9580	219,529	429,837	870,163			3,682,000
17	12,345	294,948	307,293	1.9936	222,707	443,989	856,011			3,696,000
18	12,454	291,928	304,382	2.0292	225,618	457,824	842,176			3,710,000
19	11,051	289,163	300,214	2.0648	229,786	474,462	825,538			3,726,000
20	10,715	285,203	295,918	2.1004	234,082	491,665	808,335			3,744,000
21	9,658	281,122	290,780	2.1360	239,220	510,973	789,027			3,763,000
22	9,499	276,241	285,740	2.1716	244,260	530,434	769,566			3,782,000
23	10,884	271,453	282,337	2.2072	247,663	546,641	753,359			3,799,000
24	10,526	268,221	278,747	2.2428	251,253	563,511	736,489			3,816,000
25	10,337	264,809	275,146	2.2784	254,854	580,659	719,341			3,833,000
26	19,242	261,389	280,631	2.3140	249,369	577,040	722,960			3,829,000
27	21,682	266,599	288,281	2.3496	241,719	567,942	732,058			3,820,000
28	15,553	273,867	289,420	2.3852	240,580	573,831	726,169			3,826,000

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.