

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

JUNE 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 26, 2005

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
1	2	3	4	5	6	7	8			
			318,962							
1	10,378	303,014	313,392	3.0972	216,608	670,877	629,123	1,090,839		4,552,000
2	9,308	297,723	307,031	3.0972	222,969	690,580	609,420	1,105,782		4,552,000
3	9,054	291,679	300,733	3.0972	229,267	710,085	589,915	1,120,725		4,552,000
4	7,484	285,697	293,181	3.0972	236,819	733,477	566,523	1,135,668		4,552,000
5	9,028	278,521	287,549	3.0972	242,451	750,918	549,082	1,150,611		4,552,000
6	7,998	273,172	281,170	3.0972	248,830	770,676	529,324	1,165,554		4,552,000
7	7,590	267,112	274,702	3.0972	255,298	790,710	509,290	1,180,497		4,552,000
8	8,156	260,966	269,122	3.0972	260,878	807,990	492,010	1,195,440		4,552,000
9	7,483	255,666	263,149	3.0972	266,851	826,490	473,510	1,210,383		4,552,000
10	6,634	249,992	256,626	3.0972	273,374	846,694	453,306	1,225,326		4,552,000
11	6,283	243,795	250,078	3.0972	279,922	866,976	433,024	1,240,269		4,552,000
12	6,375	237,574	243,949	3.0972	286,051	885,958	414,042	1,255,212		4,552,000
13	6,030	231,751	237,781	3.0972	292,219	905,060	394,940	1,270,155		4,552,000
14	6,112	225,892	232,004	3.0972	297,996	922,953	377,047	1,285,098		4,552,000
15	5,460	220,404	225,864	3.0972	304,136	941,970	358,030	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.