

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

FEBRUARY 2005

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: March 1, 2005

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			
			199,668							
1	10,312	189,685	199,997	1.4240	330,003	469,925	830,075			3,722,000
2	9,798	189,997	199,795	1.4596	330,205	481,968	818,032			3,734,000
3	8,975	189,805	198,780	1.4952	331,220	495,240	804,760			3,747,000
4	10,140	188,841	198,981	1.5308	331,019	506,724	793,276			3,759,000
5	9,001	189,032	198,033	1.5664	331,967	519,993	780,007			3,772,000
6	7,612	188,131	195,743	1.6020	334,257	535,479	764,521			3,787,000
7	8,269	185,956	194,225	1.6376	335,775	549,865	750,135			3,802,000
8	6,447	184,514	190,961	1.6732	339,039	567,280	732,720			3,819,000
9	6,370	181,413	187,783	1.7088	342,217	584,781	715,219			3,837,000
10	6,011	178,394	184,405	1.7444	345,595	602,856	697,144			3,855,000
11	6,231	175,184	181,415	1.7800	348,585	620,480	679,520			3,872,000
12	5,746	172,345	178,091	1.8156	351,909	638,927	661,073			3,891,000
13	8,429	169,186	177,615	1.8512	352,385	652,335	647,665			3,904,000
14	8,495	168,734	177,229	1.8868	352,771	665,608	634,392			3,918,000
15	8,158	168,368	176,526	1.9224	353,474	679,519	620,481			3,932,000
16	7,566	167,700	175,266	1.9580	354,734	694,570	605,430			3,947,000
17	6,921	166,502	173,423	1.9936	356,577	710,871	589,129			3,963,000
18	8,587	164,752	173,339	2.0292	356,661	723,736	576,264			3,976,000
19	8,682	164,672	173,354	2.0648	356,646	736,402	563,598			3,988,000
20	14,917	164,687	179,604	2.1004	350,396	735,973	564,027			3,988,000
21	14,154	170,623	184,777	2.1360	345,223	737,396	562,604			3,989,000
22	10,322	175,538	185,860	2.1716	344,140	747,333	552,667			3,999,000
23	10,060	176,567	186,627	2.2072	343,373	757,892	542,108			4,010,000
24	7,874	177,296	185,170	2.2428	344,830	773,385	526,615			4,025,000
25	7,445	175,912	183,357	2.2784	346,643	789,792	510,208			4,042,000
26	7,597	174,189	181,786	2.3140	348,214	805,768	494,232			4,058,000
27	11,985	172,696	184,681	2.3496	345,319	811,360	488,640			4,063,000
28	14,177	175,447	189,624	2.3852	340,376	811,864	488,136			4,064,000

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.