

Temperature and Release Summary for Shasta and Trinity - April 2010

Day	Sacramento River Water Temperatures in Degrees F Collected from CDEC (California Data Exchange Center)												Mean Daily Release in CFS			Mean Daily Air Temp Degrees F			
	TCD Wt. Avg.	SHD minus TCD (Diff)	Shd	Spp	Kwk	Bsf	Control Point 4/15 to 4/30 Jlf	Bnd	Rdb	Lws	Ccr		Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Mar Avg	48.5		47.7	48.6	49.0	50.9	51.7	51.6	52.4	47.8	49.9		2,257	703	3,280	52.0	51.3	52.8	ND
Apr																			
1	48.8	(0.6)	48.2	49.2	49.1	50.8	51.2	51.1	51.9	49.2	50.1		2,707	128	3,257	49.5	50.0	49.8	ND
2	49.3	(1.3)	48.0	49.4	48.9	50.1	50.8	51.0	51.3	47.9	49.0		2,665	106	3,301	44.5	46.2	46.5	ND
3	49.8	(1.7)	48.1	49.5	48.8	48.4	48.7	48.6	49.6	48.2	49.1		2,380	50	3,199	44.0	44.1	45.4	ND
4	49.2	(1.0)	48.2	49.4	48.6	49.1	49.5	49.4	49.2	47.6	48.6		3,176	50	3,362	43.5	45.7	46.1	ND
5	49.4	(1.1)	48.3	49.4	48.3	48.5	48.8	48.5	49.2	47.6	48.9		3,148	50	3,281	46.0	46.0	46.3	ND
6	49.9	(1.6)	48.3	49.4	48.4	50.1	51.0	50.8	51.1	47.6	49.6		3,398	189	3,294	47.5	48.8	49.8	ND
7	49.0	(0.5)	48.5	49.7	49.0	52.4	53.2	53.1	53.3	47.7	50.6		2,509	52	3,296	61.0	57.4	58.5	ND
8	50.0	(1.3)	48.7	49.6	49.7	53.8	55.0	54.9	55.6	47.8	51.1		2,371	50	3,306	54.0	56.3	58.2	ND
9	49.8	(0.8)	49.0	49.6	49.9	52.7	53.7	53.7	ND	48.0	51.1		2,712	50	3,295	59.5	58.5	58.5	ND
10	49.1	(0.5)	48.6	49.4	49.8	52.8	53.7	53.9	ND	48.0	50.7		2,834	189	3,321	52.5	51.9	53.5	ND
11	49.2	(1.1)	48.1	49.1	49.8	51.4	51.8	51.8	ND	48.2	50.0		2,955	136	3,326	48.5	49.7	50.0	ND
12	49.8	(0.9)	48.9	49.3	49.5	50.4	50.1	49.9	ND	48.7	49.7		2,789	50	3,332	50.0	49.6	49.7	ND
13	48.8	(0.3)	48.5	49.0	49.0	51.7	51.9	51.5	ND	49.0	50.5		2,528	892	3,332	53.5	52.3	52.1	ND
14	48.2	(0.3)	47.9	49.0	49.4	52.2	52.7	53.0		53.6	48.4	50.1	671	1,680	3,329	50.5	50.2	49.9	ND
15	48.4	(0.4)	48.0	48.9	49.6	52.5	52.9	52.7		53.2	48.7	51.1	666	1,927	3,843	54.0	52.8	54.0	ND
16	48.8	(0.7)	48.1	48.9	49.9	54.0	54.9	55.0	55.6	48.4	51.4		1,942	1,916	4,620	57.0	56.3	57.4	ND
17	49.5	(1.2)	48.3	48.8	50.1	54.7	55.8	55.9	56.8	49.0	51.9		2,097	1,896	4,584	59.0	58.2	59.2	ND
18	50.0	(1.7)	48.3	48.9	50.5	55.1	56.5	56.8	57.8	49.4	52.2		1,665	1,913	4,628	61.0	59.6	61.8	ND
19	49.9	(1.6)	48.3	48.9	50.5	54.9	56.4	56.7	57.8	49.4	52.0		2,004	1,874	4,637	60.0	59.0	60.3	ND
20	49.1	(0.7)	48.4	48.9	50.4	53.9	54.8	55.2	56.2	49.4	51.3		2,169	1,860	4,614	52.0	51.8	52.1	ND
21	49.0	(0.6)	48.4	49.1	50.5	53.2	53.6	53.7	54.4	49.6	51.6		3,170	775	4,627	54.0	52.8	53.5	ND
22	49.9	(1.0)	48.9	49.4	50.3	53.9	54.5	54.5	55.0	50.2	51.8		4,255	446	5,572	63.0	60.6	61.0	ND
23	50.1	(2.3)	47.8	49.0	50.0	54.6	55.9	56.0	56.9	50.9	51.8		5,327	434	5,505	60.0	59.2	59.9	ND
24	48.8	(1.0)	47.8	49.3	50.7	55.1	56.7	57.0	58.1	51.0	52.1		5,755	472	6,407	60.5	60.9	62.1	ND
25	48.7	(0.8)	47.9	49.3	50.4	55.0	56.6	56.9	58.2	51.2	52.3		5,522	490	6,494	66.5	61.9	63.9	ND
26	48.7	(0.8)	47.9	49.3	49.6	53.6	55.3	55.8	57.2	51.2	50.6		5,075	495	6,591	56.0	57.6	60.6	ND
27	49.5	(1.0)	48.5	49.3	49.4	53.1	54.3	54.4	55.2	51.9	50.8		5,798	480	6,594	54.0	57.1	56.9	ND
28	49.7	(1.1)	48.6	49.8	49.2	52.0	52.5	52.9	54.2	51.2	50.1		5,713	473	6,606	48.0	46.9	49.5	ND
29	50.6	(1.6)	49.0	49.7	49.6	51.6	52.0	52.0	52.5	49.5	50.4		5,163	491	6,600	49.0	49.0	51.3	ND
30	50.9	(1.4)	49.5	49.8	49.9	52.5	53.1	53.2	53.8	48.9	51.0		5,862	338	6,608	56.5	55.7	57.4	ND
Avg	49.4		48.4	49.3	49.6	52.5	53.3	53.3	54.3	49.1	50.7		3,301	665	4,492	53.8	53.5	54.5	ND
Tot cfs													99,026	19,952	134,761				
Tot af													196,418	39,575	267,298				

= Station out of service ^ - estimated (7 hours or less) ? = Avg. includes estimated data
 ! = 17 hours or less of readings & = 18 to 23 hours of reading ND = No hourly readings or incorrect

Control Point: Jellys Ferry 4/15/2010 to 4/30/2010.