

Temperature and Release Summary for Shasta and Trinity - March 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	Control Point 4/1 to 3/31 Bsf	Jlf	Bnd	Rdb	Lws	Ccr		Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Feb Avg	48.5		48.0	47.3	48.2	49.6	49.7	49.6	50.3	45.9	48.8		939	1,708	3,316	49.9	49.0	50.4	ND
Mar																			
1	48.1	(0.9)	47.2	47.9	48.7	50.8	51.1	50.9	51.7	46.6	49.1		906	1,908	3,363	52.0	52.0	52.6	ND
2	47.6	(0.4)	47.2	47.8	48.7	50.8	51.2	51.0	51.7	46.7	49.3		327	1,876	3,158	51.5	52.9	52.6	ND
3	48.5	(1.2)	47.3	47.8	48.6	49.1	49.4	49.3	50.4	46.8	49.2		1,086	1,375	3,289	42.5	43.8	46.0	ND
4	48.3	(1.1)	47.2	47.8	48.6	48.2	48.4	48.1	48.8	47.1	48.7		1,394	1,040	3,354	40.5	41.8	43.8	ND
5	47.6	(0.3)	47.3	47.8	48.7	49.9	50.0	49.5	49.8	47.1	49.5		212	1,903	3,347	49.0	47.4	48.4	ND
6	48.1	(0.5)	47.6	48.0	48.8	50.7	50.8	50.5	51.2	47.4	49.8		1,575	1,069	3,319	55.5	54.8	55.6	ND
7	48.4	(48.4)	ND	48.1	49.0	51.5	52.0	51.7	52.5	47.5	50.2		1,264	1,437	3,328	54.0	53.4	55.0	ND
8	47.8	(47.8)	ND	48.4	49.0	51.1	51.8	51.7	53.0	47.3	49.4		1,445	1,379	3,332	46.5	47.0	48.6	ND
9	48.2	(48.2)	ND	48.6	48.8	48.9	49.3	49.2	50.3	47.2	48.7		2,139	982	3,241	43.5	43.3	44.8	ND
10	48.0	(48.0)	ND	48.5	48.9	49.1	49.3	49.0	49.5	47.6	49.5		2,000	1,066	3,282	45.0	45.1	45.6	ND
11	47.9	(0.8)	47.1	48.5	48.5	50.0	50.5	50.2	50.5	47.8	49.7		2,486	712	3,248	47.5	47.0	47.6	ND
12	47.9	(0.9)	47.0	48.3	48.3	49.6	50.5	50.6	50.9	47.3	48.6		2,294	749	3,257	44.5	47.8	49.1	ND
13	47.8	(0.8)	47.0	48.2	48.3	47.7	48.2	48.0	49.1	47.2	48.8		1,729	1,362	3,275	44.0	43.5	45.5	ND
14	48.2	(0.9)	47.3	48.5	48.2	49.0	49.5	49.2	49.4	47.3	49.1		3,068	378	3,275	52.5	49.0	50.9	ND
15	48.2	(1.0)	47.2	48.7	48.1	50.2	51.0	50.8	51.0	47.3	49.4		3,192	197	3,259	51.5	50.7	51.9	ND
16	48.0	(0.9)	47.1	48.5	48.4	50.9	52.0	51.9	52.6	47.0	49.5		2,585	389	3,264	55.0	53.7	56.1	ND
17	48.3	(0.8)	47.5	48.4	48.9	51.9	53.2	53.1	53.7	47.3	50.3		2,176	796	3,271	63.5	58.2	60.4	ND
18	49.1	(0.6)	48.5	48.7	49.2	52.3	53.6	53.7	54.5	47.5	50.5		2,756	585	3,277	63.5	62.0	63.6	ND
19	48.9	(0.6)	48.3	48.9	49.2	52.2	53.5	53.5	54.5	47.7	50.8		2,327	456	3,279	64.5	58.2	60.4	ND
20	48.7	(0.6)	48.1	48.9	49.2	52.5	53.8	53.9	54.8	47.9	50.6		2,665	236	3,289	57.5	55.3	57.5	ND
21	48.8	(0.7)	48.1	50.6	49.5	52.1	53.4	53.5	54.5	48.0	50.4		3,062	53	3,299	55.5	53.2	53.6	ND
22	49.3	(0.9)	48.4	49.5	49.9	52.0	53.1	53.1	54.2	48.3	51.1		3,343	52	3,259	55.5	54.4	57.8	ND
23	50.5	(1.9)	48.6	49.1	49.6	52.6	53.7	53.7	54.5	48.6	51.1		3,252	50	3,257	61.0	57.9	59.2	ND
24	49.0	(0.7)	48.3	49.2	49.5	52.7	54.0	54.1	55.0	49.0	51.0		2,944	50	3,264	56.0	54.5	56.8	ND
25	48.7	(0.7)	48.0	48.8	49.7	51.9	53.1	53.4	54.3	48.8	50.3		3,055	154	3,270	48.0	49.4	51.9	ND
26	48.6	(0.6)	48.0	49.0	49.8	51.2	52.0	51.8	52.9	49.2	50.8		2,762	259	3,271	48.5	47.2	48.8	ND
27	49.1	(0.7)	48.4	49.0	49.6	52.1	53.1	53.1	53.7	49.5	51.0		2,743	258	3,290	53.0	52.7	54.8	ND
28	48.8	(0.7)	48.1	48.8	49.4	52.1	53.6	53.8	54.6	49.0	50.2		2,477	255	3,246	54.5	54.7	59.5	ND
29	48.5	(0.6)	47.9	48.9	49.4	51.8	52.9	52.9	53.7	49.0	50.3		2,640	255	3,280	59.0	59.6	59.0	ND
30	48.6	(0.6)	48.0	49.0	49.5	51.5	52.6	52.6	53.7	49.0	50.5		2,992	256	3,295	51.0	51.8	52.8	ND
31	48.6	(0.6)	48.0	49.3	49.1	51.0	51.7	51.8	52.2	48.9	49.7		3,057	260	3,255	45.0	46.5	46.8	ND
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	#DIV/0!
Tot cfs													69,953	21,797	101,693				
Tot af													138,752	43,234	201,708				

= 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

March 14, 2010 23 hour day.

Control Point: Balls Ferry 4/01/2009 to 3/31/2010.

NOTE: Many hourly readings for SHD were not used based on low Shasta Tailbay elevation due to low generation, which causes the probe to come out of the water.