

5/3/2011

Temperature and Release Summary for Shasta and Trinity - April 2011

(Updated twice a week November through April)

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 3/1 to 4/30 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Mar Avg	48.5		48.1	47.2	47.9	48.8	48.7	49.0	49.5	46.5	48.3	47.7	9,314	1,189	20,702	50.5	50.6	51.6	43.3
Apr																			
1	49.4	(1.3)	48.1	48.3	48.5	49.5	49.9	49.9	51.0	47.9	48.6	51.0	15,499	2,016	42,237	64.0	61.8	62.8	54.1
2	49.8	(1.2)	48.6	48.8	48.6	49.7	50.1	50.1	51.2	48.0	48.8	50.6	15,496	2,012	37,195	58.5	61.1	62.7	53.5
3	49.9	(1.2)	48.7	48.5	49.0	49.8	49.7	49.7	50.5	47.9	49.1	48.5	15,543	1,922	32,333	57.0	56.2	56.8	44.0
4	49.8	(1.3)	48.5	48.4	49.0	50.0	50.0	49.9	51.0	48.4	49.2	49.6	15,462	1,874	27,479	60.5	58.1	59.5	50.3
5	49.8	(1.3)	48.5	48.3	48.8	50.2	50.5	50.5	51.6	49.1	49.1	50.4	15,380	1,429	23,324	61.5	59.5	60.0	55.6
6	49.7	(1.3)	48.4	49.3	48.9	50.0	50.3	50.3	51.3	49.0	49.1	49.4	15,232	1,571	20,027	53.0	51.8	56.0	43.2
7	49.4	(1.3)	48.1	48.3	48.4	49.4	49.5	49.6	50.6	49.0	48.6	47.6	14,772	1,281	17,463	46.5	46.2	48.8	38.8
8	49.8	(1.3)	48.5	46.3	48.4	49.0	48.6	48.6	49.2	49.7	48.7	47.6	13,410	1,506	14,199	50.5	47.4	48.4	39.2
9	50.0	(1.2)	48.8	47.3	49.1	49.8	49.6	49.6	50.2	50.0	49.5	48.5	12,576	1,332	13,435	52.0	52.1	53.4	42.7
10	49.8	(1.1)	48.7	47.7	49.2	50.6	50.6	50.6	51.4	50.0	49.8	49.0	11,202	1,294	12,900	52.5	52.4	54.2	46.7
11	49.7	(1.1)	48.6	48.4	49.1	51.3	51.6	51.6	52.5	50.1	50.0	50.0	9,356	1,153	11,164	57.0	56.0	55.9	50.5
12	50.2	(1.7)	48.5	48.7	49.2	51.5	51.9	52.0	53.2	50.0	50.1	50.1	8,099	1,065	9,663	57.0	55.1	56.3	48.1
13	49.9	(1.6)	48.3	48.2	49.7	51.4	51.8	51.9	52.8	49.8	50.3	49.1	7,586	1,159	8,242	51.0	51.3	50.3	45.2
14	50.3	(1.6)	48.7	49.0	49.2	51.6	51.9	52.0	53.0	50.5	50.1	48.9	5,258	1,282	7,092	53.0	53.2	53.3	45.4
15	50.7	(1.5)	49.2	48.7	49.2	51.4	52.0	52.3	53.5	50.3	50.0	49.5	4,658	1,280	6,260	56.0	55.6	57.2	47.4
16	50.9	(1.0)	49.9	48.8	49.6	52.5	53.1	53.1	54.2	50.1	50.8	50.9	4,672	1,087	6,189	63.5	63.2	64.4	55.5
17	50.7	(1.2)	49.5	49.7	50.2	53.1	54.3	54.5	55.8	49.8	51.0	50.8	5,830	50	6,163	61.5	62.8	62.1	57.2
18	50.1	(1.3)	48.8	48.7	50.6	53.5	54.0	54.3	55.4	50.1	51.9	51.0	5,183	606	6,110	58.5	57.3	57.6	53.2
19	50.9	(1.1)	49.8	49.2	50.3	53.8	54.0	54.4	55.5	50.4	51.8	50.8	4,407	1,333	6,041	60.5	58.5	60.8	51.5
20	51.3	(1.4)	49.9	48.9	50.0	52.6	53.2	54.1	55.2	50.2	50.8	50.0	4,723	1,194	5,978	56.0	57.2	59.5	47.0
21	51.7	(1.4)	50.3	49.1	50.5	53.1	53.0	53.4	53.7	51.1	51.7	50.3	4,310	1,184	5,921	54.5	55.0	57.0	47.8
22	52.1	(1.7)	50.4	49.1	50.7	53.2	53.5	54.2	54.8	51.7	51.7	50.1	4,870	625	5,814	59.0	54.9	56.6	49.5
23	51.5	(1.5)	50.0	49.5	51.3	53.3	53.6	54.3	54.8	50.9	51.9	50.1	5,298	124	5,831	55.5	55.8	57.3	47.8
24	50.7	(1.2)	49.5	49.7	51.5	54.0	54.1	54.7	55.1	50.6	52.9	51.2	5,578	125	5,854	60.5	59.3	59.5	51.3
25	49.7	0.1	49.8	51.7	51.2	54.6	55.0	55.8	56.1	50.2	52.4	50.8	5,916	47	5,843	56.0	57.8	57.7	49.1
26	50.3	(1.0)	49.3	49.6	50.4	53.1	53.6	54.4	55.5	50.6	52.0	50.1	5,939	50	5,875	52.5	53.3	54.5	48.2
27	51.0	(1.0)	50.0	49.5	49.9	53.1	54.3	55.0	56.0	51.3	51.4	51.1	5,578	81	5,878	57.5	58.6	59.8	54.5
28	50.7	(1.0)	49.7	49.8	51.1	53.1	54.3	55.1	55.8	51.6	52.0	50.6	6,332	50	5,848	56.5	55.5	56.1	46.0
29	51.3	(1.1)	50.2	49.7	51.2	52.7	53.4	54.1	54.7	51.7	52.2	49.9	4,732	1,303	5,957	53.0	52.2	54.2	44.2
30	52.2	(0.9)	51.3	49.8	51.0	52.9	53.6	54.2	54.9	50.9	52.3	50.3	4,904	1,342	5,999	59.0	57.4	58.5	46.9
		0.0																	
Avg	50.4		49.2	48.9	49.8	51.8	52.2	52.5	53.4	50.0	50.6	49.9	8,593	1,046	12,410	56.5	55.9	57.0	48.5
Tot cfs													257,801	31,377	372,314				
Tot af													511,348	62,236	738,485				

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

Control Point: Balls Ferry 3/1/2011 to 4/30/2011.

NOTE: Many hourly readings for SPP are questionable.

* Many hourly readings for SHD are questionable. It looks like some readings may actually be air temperatures.