

6/6/2011

Temperature and Release Summary for Shasta and Trinity - May 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 5/31 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Apr	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	
May																				
1	52.2	(1.1)	51.1	50.6	51.5	53.4	54.4	55.0	55.7	49.0	52.5	51.0	5,334	60	5,939	58.5	58.6	61.4	52.5	
2	51.7	(1.5)	? 50.2	? 50.0	52.5	54.8	55.9	56.5	57.0	47.6	53.7	51.6	6,097	55	5,877	62.0	60.8	63.8	54.6	
3	52.7	(1.5)	51.2	50.6	52.6	55.3	56.6	57.2	58.0	46.3	53.9	52.0	7,362	58	7,443	69.0	62.5	66.2	54.0	
4	53.1	(1.2)	51.9	50.1	52.4	55.0	56.7	57.1	58.1	46.2	53.6	52.2	6,945	829	7,660	72.5	69.7	69.9	57.5	
5	52.4	(0.3)	? 52.1	? 54.6	53.2	55.6	57.4	57.6	58.5	46.3	54.2	52.6	7,023	50	7,551	68.5	66.8	69.8	59.0	
6	50.9	0.1	51.0	? 54.2	53.2	56.4	58.2	58.5	59.4	46.3	54.7	52.9	7,324	50	7,413	68.0	66.8	70.2	60.5	
7	50.5	(0.8)	49.7	? 52.6	52.0	55.0	57.1	57.7	59.0	46.2	53.1	52.0	7,436	50	7,279	62.0	62.2	62.1	56.4	
8	50.4	(0.5)	? 49.9	? 52.7	50.8	54.0	55.6	55.9	56.9	46.1	52.2	51.9	7,062	50	7,306	58.0	58.4	57.9	52.8	
9	51.2	(1.9)	49.3	? 50.9	50.6	53.3	54.9	55.3	56.6	46.7	51.8	51.6	7,665	55	7,249	57.0	57.2	59.0	48.5	
10	51.2	(1.4)	49.8	? 52.5	51.3	53.5	55.1	55.4	56.4	47.0	52.2	52.1	6,983	50	7,295	66.0	63.6	64.8	55.1	
11	50.6	(1.0)	49.6	? 51.1	51.6	54.5	56.2	56.6	57.5	46.9	52.6	52.3	7,986	49	7,430	63.5	61.9	62.7	56.9	
12	50.4	(1.0)	49.4	50.8	51.1	55.2	56.7	57.0	58.0	46.9	52.6	53.2	7,504	50	7,515	65.5	64.8	63.1	57.2	
13	50.8	(1.3)	49.5	50.9	51.2	54.9	56.5	56.9	58.2	47.2	52.6	53.0	7,321	50	7,350	65.0	62.5	65.2	56.2	
14	50.3	(1.3)	? 49.0	50.6	51.0	53.9	55.5	56.0	57.0	47.2	51.7	51.8	6,638	50	7,452	58.0	57.0	56.8	48.5	
15	50.3	(1.7)	? 48.6	49.1	50.5	51.6	52.6	53.0	53.9	46.8	50.7	50.2	6,848	64	7,437	47.5	49.4	49.6	41.8	
16	50.8	(2.0)	? 48.8	49.0	49.9	51.1	51.6	51.6	52.0	46.0	50.4	50.3	7,241	50	7,516	51.0	49.4	49.8	44.1	
17	52.0	(1.7)	? 50.3	50.0	50.2	50.8	51.4	51.6	52.1	45.8	50.3	50.3	8,226	50	7,510	50.0	49.6	50.8	43.5	
18	52.1	(1.2)	50.9	50.2	51.3	53.3	53.4	53.2	53.0	46.0	51.9	51.9	6,947	903	8,471	59.5	57.7	58.9	50.8	
19	53.2	(1.4)	51.8	50.3	52.1	54.9	55.8	55.9	56.4	46.6	53.1	52.9	6,891	639	8,504	64.5	63.6	64.8	54.2	
20	52.3	(1.0)	51.3	51.1	53.2	55.9	57.0	57.2	58.0	47.3	54.1	53.8	8,994	50	9,455	65.0	63.9	65.2	59.4	
21	51.2	(0.8)	50.4	51.6	53.1	57.1	58.4	58.6	59.5	47.8	54.6	54.5	9,113	50	9,499	70.5	68.6	68.2	61.0	
22	51.4	(0.9)	50.5	51.9	51.9	55.8	57.6	58.1	59.4	48.0	53.1	53.7	9,160	50	9,514	69.5	65.2	66.0	56.2	
23	51.5	(1.2)	50.3	50.7	51.7	55.0	56.4	56.8	58.1	48.2	52.6	51.9	9,695	50	9,806	61.5	60.4	60.5	ND	
24	51.5	(1.2)	50.3	50.8	51.8	54.5	55.8	56.1	57.1	48.4	52.8	51.4	8,925	50	9,493	61.0	59.5	60.9	ND	
25	50.9	(1.1)	49.8	50.7	51.8	53.2	54.3	54.8	55.8	48.0	52.0	51.0	8,799	50	9,501	56.5	53.7	54.5	ND	
26	51.1	(1.2)	49.9	50.4	50.7	52.9	53.6	53.8	54.1	46.6	51.5	51.1	9,031	140	9,411	57.0	54.7	56.2	ND	
27	51.7	(0.8)	50.9	51.4	51.0	53.3	54.4	54.5	55.0	46.6	51.4	51.9	9,949	50	10,451	63.0	60.7	60.1	ND	
28	51.9	(1.7)	? 50.2	50.4	51.5	53.0	54.0	54.3	55.0	46.9	51.8	51.2	10,658	50	11,097	55.0	53.8	54.5	ND	
29	52.7	(2.0)	? 50.7	51.2	51.7	53.2	53.9	54.0	54.5	47.0	52.1	52.3	10,613	50	11,204	57.5	57.7	59.7	ND	
30	51.6	(1.6)	50.0	50.8	52.6	53.7	54.6	54.8	55.4	47.1	52.8	51.9	9,353	1,278	11,206	54.5	56.0	58.1	ND	
31	51.6	(1.2)	50.4	51.5	51.5	53.0	53.8	54.2	55.1	46.9	52.0	52.0	10,871	467	11,109	54.0	55.8	56.6	ND	
Avg	51.5		50.3	51.1	51.7	54.1	55.3	55.7	56.5	47.0	52.5	52.0	8,064	179	8,450	61.0	59.8	60.9	53.7	
Tot cfs													249,994	5,547	261,943					
Tot af													495,863	11,002	519,564					

# = 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 5/31/2011.

NOTE: Many hourly readings for SHD and SPP are questionable.