

2/3/2011

Temperature and Release Summary for Shasta and Trinity - November 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 5/25 to 11/30 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Oct Avg	50.6		49.7	56.6	51.8	54.0	54.6	54.4	55.7	49.6	52.9	56.1	4,345	1,430	6,097	64.1	60.3	62.6	53.6	
Nov																				
1	50.3	0.2	50.5	55.7	51.5	53.1	53.6	53.7	54.2	48.3	52.5	54.9	4,236	1,378	6,042	60.0	55.2	53.8	52.3	
2	50.6	(0.4)	? 50.2	55.9	52.0	53.3	54.0	54.1	54.5	48.4	52.9	55.2	3,890	1,396	5,994	68.0	59.8	63.2	53.2	
3	50.8	(0.8)	? 50.0	55.5	51.9	53.6	54.2	54.4	54.8	48.5	52.6	54.9	5,085	1,127	6,114	62.5	56.7	59.9	53.0	
4	51.3	(0.8)	? 50.5	56.6	51.6	53.3	53.6	53.8	54.5	48.6	52.4	55.2	4,637	1,167	5,975	64.5	57.2	61.1	52.8	
5	51.6	(0.8)	? 50.8	56.8	51.6	53.1	53.9	54.1	? 54.6	48.7	52.4	55.4	5,611	23	5,792	62.5	59.7	64.9	53.3	
6	51.2	(0.7)	? 50.5	56.6	51.4	53.0	53.8	54.0	? 54.8	48.9	52.3	55.3	5,425	50	5,795	60.0	58.4	62.9	54.0	
7	51.0	(0.7)	? 50.3	55.0	51.5	53.2	53.7	53.8	? 54.4	49.0	52.2	55.3	3,709	1,140	5,476	52.0	54.0	53.8	48.2	
8	51.5	(0.8)	? 50.7	54.1	51.9	52.3	52.7	52.7	? 53.1	48.7	52.1	53.2	5,297	144	5,876	49.0	45.3	54.8	40.4	
9	51.2	(0.7)	? 50.5	51.2	51.0	51.1	51.3	51.2	#	48.7	50.9	52.9	5,726	50	5,879	43.0	42.3	ND	37.0	
10	51.2	(0.7)	? 50.5	55.8	50.8	51.5	51.6	51.1	#	49.2	51.3	53.5	5,715	50	5,792	52.0	50.1	ND	41.7	
11	51.4	(0.8)	? 50.6	55.8	50.8	50.9	51.1	50.7	#	49.2	51.0	53.2	5,329	50	5,749	52.5	47.3	ND	41.2	
12	51.4	(0.7)	? 50.7	55.8	50.8	50.8	50.9	50.5	#	49.1	51.0	53.5	5,708	50	5,787	52.5	50.0	ND	41.0	
13	51.4	(0.7)	? 50.7	55.9	50.8	50.9	51.1	50.7	51.0	48.8	50.9	53.9	5,255	50	5,919	61.0	58.9	60.8	40.2	
14	51.5	(0.8)	? 50.7	56.0	51.0	51.6	52.0	51.6	51.9	48.9	51.4	54.6	5,300	204	5,883	64.5	59.8	64.7	46.0	
15	51.7	(0.7)	? 51.0	56.5	51.2	52.2	52.8	52.5	53.2	48.9	51.9	54.8	5,250	35	5,757	64.0	63.5	66.1	48.6	
16	51.7	(1.1)	? 50.6	52.9	51.2	52.0	52.5	52.3	53.2	48.7	51.8	54.0	5,490	11	5,757	60.0	54.5	58.8	47.2	
17	51.8	(0.8)	? 51.0	51.2	51.2	51.4	51.6	51.2	? 52.1	48.4	51.5	53.3	5,707	11	5,723	50.5	47.0	52.5	42.8	
18	51.9	(0.8)	? 51.1	55.6	51.1	51.2	51.4	51.0	? 51.7	48.6	51.2	53.2	5,277	11	5,838	50.5	47.6	52.7	44.2	
19	52.1	(0.8)	? 51.3	52.8	51.2	51.2	51.4	51.0	51.2	48.5	51.1	53.5	5,441	11	5,915	48.0	49.3	49.9	41.4	
20	51.8	(0.9)	? 50.9	50.4	51.1	50.3	50.3	49.9	50.1	48.3	50.5	51.6	5,079	11	6,021	44.0	44.6	44.8	35.3	
21	52.0	(0.6)	? 51.4	51.7	50.9	50.1	50.0	49.5	? 49.6	48.3	50.7	51.4	5,695	11	5,855	45.5	46.3	47.4	38.0	
22	51.9	(0.6)	? 51.3	54.4	50.9	50.2	50.1	49.6	49.7	48.1	50.6	51.9	5,346	11	5,975	47.5	48.5	48.5	40.5	
23	51.9	(0.7)	? 51.2	? 49.1	51.1	50.2	50.3	49.9	50.0	47.3	50.8	51.6	5,503	11	5,934	39.5	44.7	48.2	36.1	
24	52.2	(1.0)	? 51.2	? 47.8	50.8	48.8	48.5	47.9	!	46.7	50.2	50.2	5,706	11	5,804	38.0	37.0	ND	29.7	
25	52.2	(0.8)	? 51.4	? 51.2	50.7	48.9	48.5	47.8	!	46.2	50.2	50.5	5,414	11	5,843	44.0	42.2	ND	32.0	
26	52.0	(0.7)	? 51.3	? 52.0	51.0	49.2	48.8	48.1	!	45.7	50.2	50.4	5,555	11	5,840	39.5	38.3	ND	33.8	
27	52.1	(0.8)	? 51.3	54.3	51.0	49.6	49.4	48.9	#	45.2	50.3	50.0	5,462	11	5,897	37.5	39.6	ND	33.9	
28	52.1	(0.7)	? 51.4	54.1	51.0	!	48.5	47.8	!	45.1	50.4	49.0	5,130	11	5,902	39.0	35.8	ND	32.9	
29	52.1	(0.9)	? 51.2	? 52.1	50.9	!	48.6	47.9	!	44.9	50.4	49.1	5,465	11	5,874	41.0	35.5	44.9	35.1	
30	52.1	(0.8)	? 51.3	? 53.0	51.0	49.7	49.3	48.7	48.4	44.8	50.5	50.0	5,364	11	5,880	43.5	42.2	43.0	37.3	
		0.0																		
Avg	51.6		50.9	53.9	51.2	51.3	51.3	51.0	52.4	47.9	51.3	52.9	5,260	236	5,863	51.2	49.0	55.1	42.1	
Tot cfs													157,807	7,079	175,888					
Tot af													313,010	14,041	348,874					

= 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 5/25/2010 to 11/30/2010.

2/3/2011- Revised Keswick Total Release on 11/24/2010.