

1/12/2011

Temperature and Release Summary for Shasta and Trinity - December 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 12/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Nov 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	5,858	51.2	49.0	55.1	42.1	
Dec																				
1	51.8	(0.7)	? 51.1	53.0	51.2	? 50.4	50.2	49.6	49.3	44.7	51.0	50.4	5,164	11	6,024	45.0	46.3	45.7	37.7	
2	52.0	(0.6)	51.4	53.2	51.3	50.7	50.6	50.2	50.3	44.6	51.0	50.2	5,155	11	5,993	45.0	45.8	46.7	38.8	
3	52.0	(0.8)	? 51.2	52.5	51.1	50.6	50.5	50.1	50.4	44.7	50.9	50.0	5,646	11	6,075	46.5	46.4	46.7	39.8	
4	51.9	(0.6)	? 51.3	51.9	51.2	50.8	50.7	50.2	50.6	44.8	51.2	50.0	5,018	11	5,940	50.5	49.3	50.3	43.6	
5	52.0	(0.8)	? 51.2	52.4	51.4	ND	51.4	51.0	51.3	44.8	51.4	50.4	5,040	11	5,910	52.5	51.8	51.9	45.6	
6	53.1	(1.8)	51.3	52.5	51.4	ND	51.6	51.2	51.6	45.1	51.5	50.6	5,200	11	5,931	52.5	52.5	53.6	46.8	
7	52.6	(1.2)	51.4	52.2	51.4	ND	51.2	50.8	51.3	45.1	51.6	50.4	5,120	11	5,968	51.0	48.5	49.8	46.1	
8	52.6	(1.3)	51.3	52.3	51.4	51.4	51.3	51.0	51.3	45.2	51.4	50.6	4,967	11	5,778	50.0	51.0	51.6	46.3	
9	52.5	(1.2)	51.3	52.4	51.5	51.6	51.5	51.2	51.6	45.3	51.7	51.1	5,522	10	5,909	52.5	52.5	53.2	46.7	
10	53.1	(1.6)	? 51.5	52.0	51.5	52.1	52.1	51.8	52.1	45.4	51.9	51.5	4,955	481	5,353	55.0	56.2	56.3	47.7	
11	53.0	(1.6)	51.4	52.5	51.4	52.4	52.5	52.2	52.7	45.6	51.9	51.3	5,105	1,093	7,042	53.0	55.0	55.7	47.1	
12	53.1	(2.1)	? 51.0	50.9	51.4	51.5	51.5	51.3	52.0	45.9	51.5	50.4	6,711	52	7,064	46.0	47.1	48.8	49.3	
13	54.6	(2.2)	52.4	51.1	51.2	51.6	51.6	51.3	51.6	46.1	51.4	50.8	6,904	50	7,096	49.5	49.6	50.2	49.8	
14	55.1	(1.3)	53.8	51.4	52.4	51.8	51.7	51.3	51.6	46.1	52.1	50.9	11,534	1,260	13,279	46.0	50.4	51.5	44.5	
15	55.1	(1.3)	53.8	52.1	53.2	52.0	51.5	51.1	51.2	46.0	53.2	48.5	14,059	204	14,231	42.5	39.7	41.7	36.8	
16	55.1	(1.3)	53.8	51.3	53.2	51.9	51.0	50.8	50.6	46.0	53.1	47.8	13,013	1,051	13,961		36.3	39.5	35.7	
17	55.0	(1.4)	53.6	? 51.5	53.2	51.7	50.8	50.9	50.4	46.1	53.0	47.8	13,380	460	13,869		37.4	39.0	33.3	
18	54.7	(1.4)	53.3	50.9	53.1	50.6	50.6	? 50.7	50.7	46.4	53.2	49.2	13,382	300	13,633		51.4	52.9	39.2	
19	54.4	(1.4)	53.0	48.3	53.0	51.5	51.3	51.4	51.0	46.5	53.2	49.4	12,591	72	13,289		50.6	51.2	38.5	
20	54.3	(1.5)	52.8	46.7	52.6	51.2	50.6	50.7	50.3	46.2	52.7	48.2	13,393	211	13,190		48.3	47.6	38.6	
21	54.0	(1.4)	52.6	50.0	52.2	51.5	51.0	51.1	50.6	46.1	52.4	48.4	13,609	585	13,397		48.7	48.7	41.1	
22	54.1	(1.4)	52.7	50.5	52.1	51.4	51.0	51.1	51.0	46.1	52.3	49.4	12,419	1,330	13,689		47.4	48.0	41.8	
23	54.1	(1.4)	52.7	50.3	52.1	51.5	51.0	51.1	50.8	45.8	52.2	48.5	12,510	1,844	14,576		45.9	46.8	41.2	
24	54.0	(1.4)	52.6	50.2	52.4	52.0	51.6	51.7	51.4	45.7	52.5	49.0	11,685	102	12,678		49.4	47.7	43.8	
25	53.8	(1.4)	52.4	48.9	52.3	52.0	51.5	51.6	51.5	45.7	52.5	49.1	10,140	88	10,707		47.3	47.8	44.0	
26	53.5	(1.5)	? 52.0	48.8	51.7	50.5	50.0	50.1	49.9	45.5	52.0	49.0	8,685	1,572	10,466		49.2	49.2	38.2	
27	53.7	(1.7)	52.0	48.9	51.5	50.8	50.4	50.4	50.0	45.6	51.7	48.6	10,147	360	10,665		47.9	47.6	40.2	
28	53.4	(1.4)	52.0	49.5	51.5	51.0	50.6	50.8	50.6	? 44.2	51.6	48.6	8,632	1,126	10,678		47.0	47.1	38.1	
29	53.3	(1.5)	51.8	49.0	51.1	49.6	49.0	49.2	49.0	44.5	51.2	48.4	8,950	1,138	10,734		44.3	46.4	34.9	
30	53.3	(1.8)	51.5	49.2	50.9	49.2	48.0	48.1	47.7	44.5	50.8	46.8	13,026	1,270	13,723		34.2	38.0	33.1	
31	53.3	(1.8)	51.5	49.2	50.8	49.3	48.2	48.2	47.8	44.4	50.8	46.1	12,502	1,335	14,304		34.6	37.1	33.8	
Avg	53.5		52.1	50.8	51.8	51.2	50.9	50.7	50.7	45.4	51.9	49.4	9,167	519	10,037	49.2	47.2	48.0	41.4	
Tot cfs													284,164	16,082	311,152					
Tot af													563,639	31,899	617,170					

= 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: Jellys Ferry 5/25/2010 to 12/31/2010.