

2/1/2011

Temperature and Release Summary for Shasta and Trinity - January 2011

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 1/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Dec 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		49.2	47.2	48.0	41.4
Jan																			
1	53.1	(1.8)	51.3	48.3	50.9	49.5	48.6	48.6	48.1	44.0	50.9	45.9	13,111	823	14,147	37.0	36.8	37.0	33.4
2	52.4	(1.0)	51.4	48.0	50.9	50.0	49.3	49.3	48.8	44.0	51.0	46.7	11,481	610	14,101	44.0	42.1	42.3	37.7
3	51.8	(0.5)	51.3	48.8	51.0	50.0	49.3	49.3	48.9	43.9	51.0	45.7	10,702	586	14,267	41.0	37.3	40.5	37.5
4	51.7	(0.7)	51.0	45.8	50.8	49.9	49.1	49.1	48.8	43.4	50.9	45.0	11,309	693	14,274	40.0	37.0	38.8	35.8
5	51.5	(0.6)	50.9	41.9	50.6	49.7	49.0	49.0	48.6	43.2	50.6	44.8	11,453	224	13,833	42.0	37.6	40.2	34.5
6	51.4	(0.7)	50.7	48.7	50.5	49.7	49.0	49.0	48.7	43.0	50.7	44.9	11,392	237	12,976	41.5	38.8	39.4	33.7
7	51.1	(0.7)	50.4	48.5	50.3	49.4	48.8	48.8	48.5	42.9	50.3	44.9	11,424	187	12,470	35.0	34.8	34.8	32.9
8	51.0	(0.8)	50.2	48.8	50.0	49.0	48.4	48.4	48.0	42.8	49.9	44.7	10,988	101	12,361	34.5	34.9	35.2	35.3
9	51.0	(0.8)	50.2	46.4	49.7	48.9	48.3	48.3	47.9	42.5	49.8	44.1	10,119	123	10,794	40.0	37.9	38.0	31.5
10	50.9	(0.7)	50.2	49.6	49.7	48.3	47.4	47.4	47.0	42.4	49.6	43.9	8,279	52	9,287	39.5	35.2	37.0	29.5
11	50.8	(0.8)	? 50.0	44.9	49.7	48.5	47.7	47.7	47.2	42.5	49.6	44.5	7,119	50	8,356	40.5	40.1	40.5	33.2
12	50.6	(0.7)	? 49.9	46.3	49.6	48.8	48.4	48.3	48.0	42.8	49.8	45.4	7,317	453	8,372	44.5	43.9	44.3	37.4
13	50.5	(0.6)	? 49.9	47.6	49.5	48.6	48.7	48.9	48.9	43.1	49.6	46.2	7,537	50	8,461	47.0	46.6	46.5	41.3
14	50.5	(0.7)	? 49.8	38.7	49.6	48.9	48.7	48.8	48.9	43.4	50.0	46.3	6,347	1,045	7,327	52.0	48.8	51.5	44.5
15	50.5	(0.7)	? 49.8	47.3	49.5	49.2	49.1	49.2	49.4	43.5	49.9	46.7	5,942	322	6,203	51.5	49.4	50.5	44.1
16	50.4	(0.6)	? 49.8	47.2	49.6	50.1	50.1	50.2	50.2	43.7	50.2	47.1	4,712	1,245	6,051	54.5	52.5	50.9	46.7
17	50.3	(0.6)	? 49.7	47.1	49.4	50.0	50.1	50.4	50.7	43.8	49.9	46.9	5,173	1,290	6,096	53.5	48.8	48.9	48.0
18	50.4	(0.6)	? 49.8	47.4	49.2	49.6	49.6	49.8	50.2	43.8	49.7	46.4	5,070	1,244	6,056	57.5	53.3	56.9	45.8
19	50.5	(0.8)	? 49.7	47.9	49.2	49.0	49.1	49.3	49.8	43.7	49.5	45.8	5,498	337	5,980	50.5	52.5	53.3	43.1
20	50.5	(0.7)	? 49.8	48.4	49.4	49.0	48.9	48.9	49.1	43.6	49.7	45.8	5,367	118	5,806	55.5	50.2	52.2	37.8
21	50.4	(0.7)	? 49.7	48.0	49.6	49.0	48.7	48.8	49.1	44.0	49.8	46.0	5,465	206	5,587	55.5	50.2	49.9	40.5
22	50.4	(0.8)	? 49.6	48.6	49.8	49.6	49.6	49.7	49.7	44.2	50.1	46.4	4,732	166	5,293	57.0	55.8	57.7	41.0
23	50.3	(0.8)	? 49.5	48.4	49.7	49.1	49.1	49.2	49.5	44.3	49.9	46.0	4,670	151	5,174	52.0	44.7	49.6	38.2
24	50.2	(0.7)	? 49.5	48.4	49.6	49.1	49.0	49.0	49.2	44.7	49.9	46.2	4,892	62	4,992	55.5	50.3	53.2	41.3
25	50.2	(0.7)	? 49.5	47.7	49.6	49.4	49.4	49.5	49.6	45.0	50.1	46.3	4,547	275	5,079	54.0	54.5	56.2	40.4
26	50.2	(0.7)	? 49.5	49.6	49.5	49.6	49.7	49.8	50.0	45.2	50.0	46.5	4,327	170	4,785	57.5	54.5	56.1	40.5
27	50.0	(0.6)	? 49.4	46.8	49.5	49.2	49.3	49.4	49.8	45.3	49.8	46.0	4,573	148	4,525	50.5	46.8	48.1	40.3
28	50.0	(0.7)	? 49.3	47.6	49.4	48.9	48.8	49.0	49.3	45.5	49.7	45.7	4,217	410	4,214	46.0	43.2	42.7	40.9
29	49.6	(0.5)	? 49.1	49.6	49.2	48.4	48.6	48.8	48.9	45.5	49.0	45.4	4,102	57	4,029	41.5	41.8	41.8	38.9
30	? 49.7	(0.6)	? 49.1	48.1	49.1	48.4	48.3	48.3	48.4	45.7	49.4	46.0	3,484	123	3,978	46.5	44.5	44.8	40.8
31	50.0	(0.8)	? 49.2	49.5	? 49.0	48.4	48.4	48.4	48.6	45.6	49.4	45.7	3,876	47	4,036	50.5	45.7	49.1	39.2
Avg	50.7		50.0	47.4	49.8	49.2	48.9	49.0	49.0	43.9	50.0	45.7	7,072	374	8,029	47.4	44.9	46.1	38.9
Tot cfs													219,225	11,605	248,910				
Tot af													434,833	23,019	493,713				

= 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 1/31/2011.

NOTE: Many of the hourly readings for SPP are questionable based on low generation.