

12/7/2011

Temperature and Release Summary for Shasta and Trinity - November 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	Bsf	Control Point 6/1 to 11/30 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Nfh	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Oct	50.8		49.7	55.0	51.4	53.1	53.7	53.9	54.7	48.0	52.1	54.9	52.8	5,529	1,696	7,460	63.6	59.2	61.9	50.8
Nov																				
1	51.5	(0.9)	50.6	53.7	51.5	52.0	52.4	52.6	53.0	45.8	51.7	52.5	50.6	5,793	1,080	6,997	61.5	59.8	60.7	43.8
2	51.6	(1.4)	50.2	53.6	51.2	51.5	51.6	51.6	51.6	45.0	51.3	52.0	47.8	5,292	1,505	7,001	57.0	49.9	55.5	40.8
3	51.5	(0.8)	50.7	53.6	51.3	51.0	51.0	51.1	51.0	45.6	50.9	51.5	46.5	5,356	1,502	6,999	46.0	44.1	46.8	38.6
4	51.8	(0.9)	50.9	53.2	51.2	51.3	51.2	51.0	50.6	44.9	51.1	51.5	46.2	5,356	1,437	7,015	46.0	43.8	45.0	37.0
5	51.4	(0.9)	50.5	53.2	51.5	50.9	50.8	50.9	50.5	44.8	50.8	51.2	45.0	5,267	1,485	7,010	43.5	42.5	43.6	34.8
6	51.4	(1.0)	50.4	53.0	51.2	51.1	51.2	51.1	50.6	45.2	50.9	51.4	45.6	5,290	1,427	6,728	44.0	45.5	47.0	38.7
7	51.4	(0.5)	50.9	52.8	51.0	50.9	50.8	50.7	50.6	45.3	51.0	50.9	46.3	5,274	1,482	7,002	47.0	43.4	46.3	40.4
8	51.7	(1.0)	50.7	52.5	51.3	50.7	50.6	50.6	50.4	44.9	50.9	50.5	46.1	5,579	1,490	7,007	44.5	41.0	44.2	39.4
9	52.0	(1.1)	50.9	52.3	51.4	50.8	50.8	50.7	50.2	45.3	51.0	50.3	46.0	5,618	1,484	6,997	46.0	42.0	45.2	41.9
10	52.2	(1.0)	51.2	52.0	51.3	50.9	50.8	50.7	50.4	44.4	51.0	49.8	45.5	5,317	1,497	7,006	49.0	43.1	46.6	40.8
11	52.1	(1.1)	51.0	51.6	51.4	50.9	50.8	50.7	50.4	44.8	51.0	49.8	44.9	5,556	1,444	7,008	48.0	46.6	49.5	42.8
12	51.9	(1.0)	50.9	51.3	51.6	52.0	52.2	52.3	52.0	45.3	51.7	50.7	46.8	5,313	1,499	7,009	56.0	53.7	53.5	46.5
13	52.4	(1.1)	51.3	51.2	51.5	51.8	52.0	52.2	52.4	45.5	51.5	50.4	47.2	5,159	1,427	7,006	51.5	50.9	52.0	43.6
14	52.2	(1.0)	51.2	50.9	51.4	51.7	51.9	52.1	52.4	45.3	51.4	50.1	47.0	6,019	849	7,008	53.0	49.4	52.7	41.6
15	52.3	(1.0)	51.3	50.9	51.6	51.5	51.5	51.5	51.7	45.2	51.5	49.9	46.2	5,817	798	6,766	51.0	47.1	51.9	41.8
16	52.2	(1.1)	51.1	50.9	51.6	51.6	51.7	51.8	51.8	45.7	51.5	50.1	46.9	5,751	1,015	7,004	51.5	47.9	51.7	44.3
17	52.3	(1.0)	51.3	50.6	51.6	51.6	51.8	52.0	52.0	46.0	51.5	50.0	47.4	5,619	1,020	7,006	50.5	51.1	51.9	46.3
18	52.0	(0.8)	51.2	50.8	51.4	51.1	51.2	51.4	51.4	45.5	51.2	49.5	46.9	5,410	1,495	7,006	44.5	48.7	49.4	40.1
19	52.7	(1.1)	51.6	50.7	51.1	50.3	50.2	50.1	49.9	44.6	50.8	48.7	44.9	5,308	1,518	7,010	38.5	40.0	42.5	34.6
20	52.4	(1.0)	51.4	50.6	51.1	50.6	50.6	50.6	50.2	45.0	50.8	49.2	44.4	5,699	1,506	6,781	44.5	44.1	43.8	38.6
21	52.2	(0.9)	51.3	50.5	51.5	50.7	50.5	50.5	50.2	45.0	51.1	49.3	45.1	5,555	1,530	7,004	43.0	44.7	46.1	40.6
22	52.2	(1.2)	51.0	50.4	51.3	51.2	51.3	51.4	51.1	45.2	51.2	49.6	46.0	5,412	1,531	7,006	49.0	51.8	53.0	43.8
23	52.6	(0.9)	51.7	50.4	51.3	51.1	51.1	51.2	51.1	45.5	51.2	49.4	46.1	5,242	1,540	7,009	49.0	48.8	50.5	43.8
24	52.5	(0.8)	51.7	50.3	51.3	51.2	51.3	51.4	51.3	45.6	51.2	49.5	46.7	5,592	1,532	7,005	49.5	49.5	49.9	43.8
25	52.2	(0.8)	51.4	50.0	51.6	51.7	51.8	51.9	51.8	45.6	51.7	49.6	46.9	5,417	1,530	7,011	51.0	51.3	51.9	43.6
26	52.7	(1.0)	51.7	50.1	51.4	51.3	51.3	51.4	51.5	45.7	51.5	49.0	46.7	5,416	1,525	7,009	50.5	44.5	47.2	42.6
27	52.3	(0.8)	51.5	49.8	51.2	50.9	51.0	51.2	51.2	46.3	51.1	48.8	46.8	5,198	1,527	6,097	47.5	45.2	48.3	44.5
28	52.5	(0.9)	51.6	49.6	51.4	51.4	51.4	51.4	51.4	46.3	51.6	49.1	47.4	4,788	1,534	5,996	54.0	49.6	51.8	45.6
29	52.5	(0.9)	51.6	49.6	51.2	50.9	50.9	51.0	51.2	45.9	51.2	48.4	46.4	4,482	1,536	6,014	52.0	45.1	48.5	40.1
30	52.4	(0.9)	51.5	49.5	51.2	50.8	50.7	50.8	50.7	45.2	51.1	48.2	45.0	4,000	1,534	5,975	58.0	52.0	52.7	38.6
		0.0																		
Avg	52.1		51.1	51.3	51.4	51.2	51.2	51.3	51.2	45.3	51.2	50.0	46.4	5,363	1,409	6,850	49.2	47.2	49.3	41.4
Tot cfs														160,895	42,279	205,492				
Tot af														319,135	83,860	407,593				

= 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; Jelly's Ferry 6/1/2011 to 11/30/2011.

NOTE: On 7/19/2011 the probe for SHD was extended farther out into the river so at low flows it should no longer be exposed to the air. 8/2/2011 the extended pipe floated away. Some hourly readings for SHD are questionable again and are being estimated.