

3/2/2011

Temperature and Release Summary for Shasta and Trinity - February 2011

(Updated twice a week November through March)

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 2/28 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Jan 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
Feb																			
1	49.9	(0.7)	49.2	48.7	49.0	48.5	48.4	48.5	48.7	45.6	49.3	45.8	3,638	106	4,024	51.0	50.8	52.4	39.0
2	49.9	(0.7)	49.2	47.5	49.0	48.2	47.7	47.6	47.9	45.5	49.1	45.3	3,680	407	3,975	51.0	44.0	46.6	36.6
3	49.8	(0.6)	49.2	47.8	48.9	48.5	47.9	47.8	47.9	45.6	49.4	45.8	3,769	253	4,009	52.0	46.4	48.7	37.4
4	49.8	(0.7)	49.1	47.7	49.0	49.3	49.0	49.0	48.8	45.7	49.6	46.4	3,943	251	4,159	61.5	53.2	56.5	39.5
5	49.6	(0.6)	49.0	49.9	49.2	50.0	50.0	50.1	50.3	45.9	49.9	47.1	4,348	47	4,098	61.5	57.5	61.7	43.4
6	49.6	(0.8)	48.8	50.0	49.4	50.4	50.6	50.8	51.3	45.9	50.1	46.9	3,683	47	4,088	60.5	56.2	61.2	43.8
7	49.7	(0.8)	48.9	48.1	49.4	50.3	50.4	50.7	51.3	45.8	50.0	46.8	3,544	245	4,093	53.5	51.8	55.5	46.2
8	49.7	(0.7)	49.0	49.7	49.1	49.1	49.0	49.1	49.7	45.5	49.3	45.6	3,931	63	4,067	47.5	49.8	51.3	36.2
9	50.0	(0.8)	49.2	49.8	48.8	48.6	48.3	48.3	48.6	45.5	49.1	45.5	4,179	54	4,006	54.5	49.7	51.3	37.3
10	49.7	(0.7)	49.0	48.2	48.8	48.9	48.5	48.5	48.7	45.6	49.2	45.6	4,170	167	3,961	56.5	49.2	51.3	37.4
11	49.5	(0.7)	48.8	48.7	48.9	49.1	48.9	49.0	49.3	45.7	49.4	46.0	4,132	80	3,995	52.0	49.0	51.5	40.4
12	49.3	(0.6)	48.7	48.7	48.8	49.6	49.4	49.5	49.7	45.8	49.7	46.1	4,164	80	3,948	49.0	46.8	49.8	41.6
13	49.3	(0.8)	48.5	49.6	48.8	49.5	49.4	49.5	50.1	45.6	49.7	45.9	3,845	47	4,000	49.0	45.5	49.3	40.6
14	48.9	(0.7)	48.2	47.5	48.6	48.9	48.8	49.1	49.1	45.4	48.9	45.7	3,647	277	4,029	45.5	48.0	49.5	40.0
15	48.3	(0.6)	47.7	47.4	48.2	48.9	48.8	49.0	49.0	45.6	48.9	47.0	2,807	648	3,977	49.5	51.7	51.4	42.6
16	48.5	(0.8)	47.7	47.1	47.9	47.8	47.9	48.2	48.8	45.3	48.6	46.3	2,287	1,044	3,929	42.0	43.8	46.3	35.1
17	49.0	(1.0)	48.0	46.9	47.4	45.6	45.5	45.8	46.0	45.1	47.1	44.3	2,103	991	3,874	37.5	40.7	41.9	33.3
18	48.9	(0.6)	48.3	46.8	47.1	45.1	44.5	44.5	44.5	45.2	47.6	45.3	2,904	598	3,890	43.0	44.1	44.2	35.4
19	48.8	(0.5)	48.3	47.4	46.9	46.6	46.5	46.7	46.5	45.2	47.4	45.5	2,950	179	3,913	40.0	40.7	41.2	36.5
20	52.5	(4.3)	48.2	47.0	47.1	46.2	46.0	46.0	46.4	45.0	47.5	45.3	3,800	316	3,840	39.5	39.1	40.7	37.5
21	48.5	(0.4)	48.1	47.0	47.5	47.6	47.4	47.5	47.2	44.6	48.3	45.5	3,506	366	3,918	44.0	42.5	44.1	34.9
22	48.8	(0.7)	48.1	49.2	47.5	47.5	47.2	47.3	47.7	44.7	48.4	44.9	3,701	47	4,022	43.0	40.8	43.9	37.7
23	48.7	(0.6)	48.1	46.5	47.7	47.9	47.6	47.8	47.9	44.5	48.6	45.2	2,079	1,104	3,882	44.5	43.5	45.5	36.6
24	48.3	(0.6)	47.7	49.1	47.4	47.2	47.2	47.6	47.9	44.4	47.6	45.0	3,224	47	3,892	44.0	45.2	44.9	37.5
25	48.6	(0.8)	47.8	49.1	47.6	45.5	45.7	45.9	46.5	44.4	48.1	45.1	3,552	49	3,906	40.5	39.8	40.3	33.9
26	48.6	(0.9)	* 47.7	47.5	47.4	45.8	45.7	45.8	45.9	44.4	48.1	44.7	2,966	152	3,846	40.0	38.4	39.2	33.0
27	48.5	(3.3)	* 45.2	45.0	47.1	46.5	46.3	46.4	46.5	44.4	48.0	44.5	3,311	441	3,744	40.5	40.8	42.8	35.3
28	48.4	(1.2)	* 47.2	46.4	47.2	46.9	46.9	47.1	47.0	44.4	47.5	45.0	3,448	699	3,797	43.5	44.6	47.4	39.0
		0.0																	
		0.0																	
		0.0																	
Avg	49.3		48.3	48.0	48.2	48.0	47.8	48.0	48.2	45.2	48.7	45.6	3,475	314	3,960	47.7	46.2	48.2	38.1
Tot cfs													97,311	8,805	110,882				
Tot af													193,016	17,465	219,934				

# = 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 02/28/2011.

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

\* Several hourly readings for SHD are questionable for Feb 26, 27, 28. It looks like some readings may actually be air temperatures.