

3/7/2014

Temperature and Release Summary for Shasta and Trinity - February 2014

(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	Control Point 3/1 to 2/28 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Jan	50.1		49.4	47.5	49.4	48.86	48.8	48.6	48.5	nr	49.4	46.1	2,909	42	3,084	51.9	47.3	51.4	38.1	
Feb																				
1	49.1	(0.7)	48.4	47.4	48.4	48.87	48.1	48.0	48.2	nr	48.4	45.5	3,350	14	3,349	45.0	41.7	44.7	33.8	
2	48.8	(0.6)	48.2	47.5	48.1	48.53	47.6	47.5	47.2	nr	48.0	45.5	3,261	14	3,350	44.0	42.2	43.5	37.5	
3	48.7	(0.7)	48.0	47.5	48.1	48.40	47.7	47.5	47.4	nr	48.0	45.4	3,354	14	3,340	42.0	40.1	42.7	34.0	
4	48.7	(0.7)	48.0	47.4	48.0	48.12	47.3	47.1	47.0	nr	47.8	45.4	3,331	14	3,307	40.5	39.1	41.5	33.2	
5	48.6	(0.6)	48.0	47.3	47.9	48.01	47.2	47.0	46.9	nr	47.8	45.5	3,144	14	3,275	39.5	39.5	42.3	34.3	
6	48.4	(0.5)	47.9	47.3	47.9	48.30	47.7	47.7	47.2	nr	47.7	46.0	3,312	14	3,258	42.0	42.1	44.0	36.5	
7	48.1	(0.5)	47.6	47.4	47.9	48.23	47.8	47.8	47.5	nr	47.8	46.4	3,238	14	3,411	46.5	48.9	48.4	37.6	
8	48.2	(0.7)	47.5	47.9	47.9	48.64	48.6	48.7	48.4	nr	48.2	46.8	3,774	14	3,709	51.0	52.0	52.1	41.5	
9	48.3	(0.6)	47.7	48.2	47.8	49.38	49.6	49.8	49.8	nr	48.4	47.1	3,779	14	3,453	52.0	53.3	54.8	44.3	
10	48.4	(0.6)	47.8	48.4	47.8	50.00	50.3	50.5	50.9	nr	48.7	47.1	4,079	14	3,469	52.5	52.0	54.8	46.6	
11	48.4	(0.6)	47.8	48.4	48.0	50.08	49.9	50.2	50.5	nr	48.5	46.9	3,415	14	3,312	54.5	50.5	53.0	44.4	
12	48.3	(0.6)	47.7	48.5	48.2	50.20	50.5	50.8	50.9	nr	48.6	47.1	3,496	14	3,174	52.5	53.5	54.8	46.2	
13	48.3	(0.6)	47.7	48.7	48.2	50.45	50.7	51.2	51.5	nr	48.9	47.4	3,152	14	3,075	55.0	55.0	55.2	49.6	
14	48.1	(0.6)	47.5	49.0	48.2	50.65	51.3	51.8	51.9	nr	49.1	47.8	2,864	14	2,994	58.0	58.9	59.5	51.8	
15	47.9	(0.6)	47.3	49.2	48.1	50.96	51.6	52.1	52.5	nr	49.0	47.4	2,595	14	2,890	56.0	57.3	57.0	50.8	
16	48.0	(0.6)	47.4	49.3	48.3	50.94	50.8	51.2	52.0	nr	49.1	46.9	2,466	14	2,890	50.5	51.1	54.0	43.3	
17	48.1	(0.6)	47.5	49.4	48.1	50.86	49.6	50.0	50.7	nr	48.5	46.4	2,691	14	2,889	47.5	47.0	50.0	42.5	
18	48.6	(0.5)	48.1	49.4	48.2	50.56	49.4	49.6	49.7	nr	48.7	47.0	2,492	14	2,894	52.5	50.5	51.7	47.8	
19	49.1	(0.5)	48.6	49.4	48.0	50.60	50.5	50.7	50.7	nr	48.9	47.0	3,762	14	2,932	55.0	53.9	55.1	44.4	
20	49.5	(0.6)	48.9	49.4	48.2	50.70	50.0	50.3	51.0	46.6	48.9	46.9	2,322	14	2,897	57.0	52.5	54.6	41.5	
21	49.6	(0.6)	49.0	49.5	48.7	50.64	50.4	50.5	51.3	47.0	49.4	47.2	2,467	14	2,751	56.5	52.8	56.5	43.4	
22	49.8	(0.7)	49.1	49.5	49.0	50.72	50.9	51.0	51.7	47.3	49.8	47.1	2,569	14	2,773	58.5	52.4	56.1	43.7	
23	50.0	(0.9)	49.1	49.4	49.2	50.83	50.8	51.0	51.8	47.5	49.9	46.9	2,678	14	2,731	52.0	50.0	52.9	44.8	
24	50.2	(0.9)	49.3	49.5	49.5	50.91	51.4	51.6	52.2	47.9	50.4	47.2	2,714	14	2,708	55.5	53.2	56.0	48.1	
25	50.6	(1.3)	49.3	49.7	49.7	51.16	51.9	52.1	52.8	48.1	50.5	47.3	2,794	14	2,712	55.5	53.1	56.4	48.2	
26	50.0	(0.7)	49.3	50.2	49.8	51.45	51.6	52.0	52.5	48.0	50.0	47.0	3,061	14	2,710	51.0	50.6	52.2	47.0	
27	49.5	(0.4)	49.1	50.9	49.9	51.65	51.8	51.9	52.2	48.4	50.6	48.6	2,132	14	2,618	53.5	54.4	55.0	46.5	
28	49.8	(0.6)	49.2	51.6	49.8	51.86	51.6	51.9	52.2	48.4	50.4	48.3	2,336	14	2,688	51.0	50.1	50.5	47.3	
		0.0																		
		0.0																		
		0.0																		
Avg	48.9		48.3	48.8	48.5	50.06	49.9	50.1	50.3	47.7	48.9	46.8	3,022	14	3,056	51.0	49.9	51.8	43.2	
Tot cfs													84,628	392	85,559					
Tot af													167,860	778	169,706					

= 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 3/1/2013 to 2/28/2014
 Starting May 17, 2013 Balls Ferry temperature target of 56.75 is for compliance of 56.0 at Airport Road.