

4/11/2014

Temperature and Release Summary for Shasta and Trinity - March 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 3/27 Bsf	Jlf	Bnd	Rdb	Lws	Control Point 3/28 to 3/31 Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Feb	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
Mar																			
1	49.6	(0.6)	49.0	51.7	49.8	51.9	52.2	52.2	52.6	48.8	50.9	48.8	2,732	14	2,684	54.5	54.2	54.7	47.8
2	49.5	(0.5)	49.0	51.8	49.8	52.4	53.0	53.3	53.6	48.7	50.4	48.2	2,497	14	2,687	53.5	54.9	54.8	49.3
3	48.7	(0.3)	48.4	51.9	49.8	52.4	51.8	52.1	52.9	48.8	50.4	49.7	2,762	14	2,544	52.5	53.0	53.1	48.0
4	49.4	(0.5)	48.9	52.5	49.9	52.3	52.6	52.6	52.6	49.2	51.3	50.2	2,262	14	2,602	56.0	54.1	55.2	48.7
5	49.7	(0.7)	49.0	52.4	49.8	52.7	53.1	53.4	54.0	48.7	50.6	49.6	2,383	8	2,608	56.0	56.7	57.1	49.2
6	49.5	(0.7)	48.8	53.0	49.7	52.8	53.4	53.5	54.3	48.7	51.0	50.6	1,844	0	2,595	53.5	56.8	58.7	46.4
7	50.1	(0.9)	49.2	47.9	50.0	53.0	52.9	53.1	54.2	49.0	51.1	48.8	2,265	118	2,648	56.5	53.4	55.5	47.6
8	50.1	(0.7)	49.4	47.6	50.1	53.0	53.0	53.2	53.8	49.0	51.3	48.9	2,582	146	2,633	54.5	53.5	56.6	48.8
9	50.1	(0.6)	49.5	45.5	50.2	53.0	53.6	53.9	54.2	48.9	50.9	49.1	1,619	382	2,639	55.0	54.8	55.2	50.0
10	50.4	(0.9)	49.5	47.9	50.4	53.2	53.6	53.8	54.3	48.8	51.8	49.5	1,853	72	2,644	56.0	56.9	57.9	48.2
11	50.6	(1.1)	49.5	47.6	50.5	53.4	52.5	53.0	54.0	48.8	51.3	48.1	1,752	1,301	2,641	57.5	57.5	58.4	45.1
12	50.4	(0.6)	49.8	47.6	50.0	53.2	52.1	52.4	53.0	49.1	51.5	48.3	1,112	1,373	2,619	59.0	54.0	58.2	47.7
13	50.4	(0.6)	49.8	47.6	50.0	53.1	52.6	53.0	53.7	49.5	51.3	48.4	1,548	1,056	2,631	56.0	54.6	57.3	48.9
14	50.5	(1.0)	49.5	48.5	50.2	53.2	53.7	54.1	54.5	50.1	51.7	49.1	1,785	7	2,629	60.0	58.0	59.7	52.6
15	50.6	(0.8)	49.8	48.5	50.8	53.4	54.4	54.9	55.5	50.5	52.1	49.1	1,915	7	2,670	65.0	59.5	62.0	52.4
16	50.9	(1.9)	49.0	48.4	51.0	53.7	54.9	55.5	56.1	50.5	52.5	49.0	2,550	7	2,684	58.5	58.1	59.4	53.1
17	51.3	(1.5)	49.8	48.5	51.5	53.9	55.0	55.5	56.1	50.6	52.5	48.9	2,400	7	2,692	57.0	58.0	59.5	49.3
18	51.8	(1.8)	50.0	47.9	51.3	54.0	53.5	54.0	54.9	50.4	52.1	48.3	2,983	88	2,637	60.5	57.9	58.5	44.8
19	51.5	(1.0)	50.5	48.5	51.2	53.9	53.6	54.0	54.6	50.6	52.4	48.5	3,661	7	2,713	54.5	53.2	55.9	48.2
20	50.9	(0.6)	50.3	48.1	51.5	53.8	54.3	54.8	55.4	51.2	52.6	48.9	2,413	56	3,321	56.5	55.5	57.7	50.1
21	51.3	(0.9)	50.4	48.1	51.7	53.9	54.7	55.3	56.0	51.3	53.0	49.1	2,533	499	3,166	58.0	57.0	59.2	49.9
22	51.8	(1.6)	50.2	48.0	51.6	54.1	54.9	55.5	56.3	51.5	52.8	49.0	2,565	293	3,072	61.5	57.7	59.9	49.2
23	51.3	(1.2)	50.1	48.1	51.5	54.2	54.8	55.4	56.3	51.6	52.8	49.0	2,860	381	3,095	57.5	55.8	58.4	51.0
24	51.2	(0.7)	50.5	48.2	51.5	54.3	55.0	55.6	56.5	52.0	52.8	49.2	2,988	529	3,095	57.5	56.0	58.8	51.8
25	50.9	(0.8)	50.1	48.3	51.4	54.4	53.9	54.7	55.5	50.9	51.8	48.5	2,898	542	3,077	49.5	49.5	51.7	45.1
26	50.5	(0.9)	49.6	48.3	50.8	54.1	52.6	53.1	53.7	50.8	51.4	48.5	3,020	608	3,068	50.0	50.4	51.6	44.5
27	50.1	(0.7)	49.4	48.2	50.6	53.7	52.5	52.9	53.6	50.6	51.4	48.9	2,410	276	2,935	54.0	52.2	54.2	46.5
28	50.1	(0.7)	49.4	48.2	50.5	53.6	53.5	54.1	54.1	50.3	51.2	49.2	3,061	343	2,863	56.5	57.1	57.8	48.2
29	49.8	(0.5)	49.3	48.5	50.6	53.6	52.8	53.3	54.0	50.1	51.5	51.3	1,432	1,044	2,702	49.5	53.2	53.6	48.0
30	50.3	(0.8)	49.5	48.7	50.1	53.3	51.4	51.9	52.8	49.5	50.9	49.0	1,675	373	2,699	46.0	47.0	48.3	42.8
31	50.6	(0.9)	49.7	48.5	50.1	53.0	50.6	51.1	51.2	48.2	50.2	48.3	2,098	381	2,546	47.0	45.6	45.7	37.6
Avg	50.4		49.6	48.9	50.6	53.4	53.3	53.7	54.3	49.9	51.6	49.0	2,337	321	2,769	55.5	54.7	56.3	48.1
Tot cfs													72,458	9,960	85,839				
Tot af													143,720	19,756	170,262				

= 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 3/1/2014 to 3/27/2014 of 56.0; Clear Creek 3/28/2014 to 3/31/2014 of 58.0.