

4/5/2016

Temperature and Release Summary for Shasta and Trinity - March 2016

(Updated twice a week November through April)

Day	Sacramento River Water Temperatures in Degrees F Collected from CDEC (California Data Exchange Center) except for TCD, SPP and Control Point														Mean Daily Release in CFS			Mean Daily Air Temp Degrees F			
	TCD Wt. Avg.	SHD minus TCD (Diff)	Shd	SPP Wt. Avg	Kwk	Bsf	Jlf	Bnd	Rdb	Lws	Control Point 4/1 to 3/31 Ccr	Igo	Sac	Nfh	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Feb	48.1		47.6	47.8	47.9	50.6	49.9	50.2	50.6	45.7	48.9	47.9	48.2	46.0	2,554	330	3,046	55.3	51.5	54.1	44.4
Mar																					
1	48.4	(0.4)	48.0	48.1	? 48.7	51.8	51.4	51.9	52.5	46.7	49.3	48.3	48.7	46.6	2,381	304	3,118	53.5	52.4	55.4	44.8
2	48.5	(0.5)	48.0	48.2	48.8	51.7	51.0	51.4	52.1	47.7	49.9	49.3	49.0	47.9	2,353	450	3,118	57.5	56.2	58.0	52.1
3	48.4	(0.6)	47.8	48.1	48.8	52.0	? 52.8	53.2	53.2	48.0	50.0	49.8	49.1	49.9	1,546	482	3,119	60.0	57.5	57.1	53.3
4	48.6	(0.8)	47.8	48.1	49.0	52.3	? 52.7	53.1	53.8	47.6	49.8	49.5	49.1	48.8	2,223	116	3,091	58.5	57.2	57.3	50.8
5	47.6	0.4	? 48.0	48.2	49.1	52.6	? 53.5	53.8	54.3	47.5	50.5	50.6	49.5	47.9	2,079	342	3,163	58.0	58.7	58.3	50.6
6	48.0	0.8	48.8	48.1	49.5	52.8	? 52.3	52.7	53.9	46.8	50.3	50.1	50.0	45.7	1,179	687	3,161	52.5	52.2	52.1	42.5
7	48.8	(0.2)	48.6	48.4	49.6	51.4	? 50.2	50.3	50.9	47.3	50.4	49.6	50.1	45.9	2,407	1,081	3,163	52.5	48.9	50.0	41.5
8	48.8	(0.7)	48.1	49.2	49.2	51.1	49.5	49.8	50.4	47.0	49.4	48.8	49.2	45.0	975	1,761	3,109	47.5	45.9	47.5	38.7
9	48.8	(0.9)	47.9	48.9	49.1	50.9	49.4	49.5	49.7	47.0	49.3	49.2	49.2	45.3	1,198	2,061	3,025	53.0	48.8	50.8	41.6
10	48.5	(0.8)	47.7	48.7	49.0	51.2	51.1	51.1	51.1	47.7	49.9	51.1	50.0	46.9	833	1,908	3,091	56.5	55.2	55.3	49.6
11	48.1	(0.1)	48.0	48.8	49.3	51.8	51.5	51.5	51.8	47.3	50.0	51.5	50.6	47.4	560	1,775	4,219	52.5	52.0	52.7	46.9
12	47.9	0.5	48.4	49.0	49.5	51.3	50.4	50.5	50.9	46.4	49.7	50.6	50.1	46.0	401	1,888	4,514	50.5	50.5	50.4	40.2
13	48.0	(0.1)	47.9	49.2	49.8	51.1	50.8	50.8	50.9	? 46.5	50.3	50.9	50.7	45.7	551	1,988	4,609	54.5	53.9	53.3	42.5
14	48.1	0.5	48.6	49.3	50.0	51.6	51.2	51.2	51.8	47.1	50.8	50.3	50.7	46.7	445	1,964	4,504	53.0	53.8	53.9	43.8
15	49.0	(0.8)	48.2	49.3	50.3	51.8	51.1	51.2	51.7	47.6	51.0	50.3	50.9	46.6	1,262	1,999	4,598	55.5	51.8	52.8	44.0
16	49.7	(1.2)	? 48.5	49.4	50.6	52.0	52.2	52.2	52.7	48.1	51.6	51.0	51.3	47.6	1,880	1,930	4,692	62.0	57.8	59.4	48.3
17	50.0	(0.8)	? 49.2	49.6	50.8	52.4	53.8	53.8	54.4	48.5	52.1	51.7	51.5	48.6	3,097	2,062	4,692	67.0	60.5	62.6	51.8
18	50.1	(0.9)	49.2	49.5	50.3	52.9	53.4	53.6	54.6	48.8	50.7	51.7	50.4	49.2	17,515	2,043	18,000	60.5	57.9	60.0	53.0
19	49.9	(0.9)	49.0	49.3	50.0	52.7	52.5	52.6	53.6	49.2	50.3	52.5	50.0	50.5	17,239	2,131	18,874	63.0	59.8	60.5	55.8
20	49.6	(1.0)	48.6	49.2	49.5	52.5	52.0	52.1	53.2	48.6	49.8	51.7	49.6	50.0	16,888	2,133	18,591	57.0	58.5	58.5	51.3
21	49.4	(0.9)	48.5	49.3	49.0	52.2	51.0	51.1	51.8	48.1	49.1	50.3	49.1	47.0	17,088	2,136	18,537	52.5	53.5	53.4	42.7
22	49.5	(1.0)	48.5	49.4	48.9	51.9	50.5	50.6	51.3	48.6	49.1	49.9	49.0	47.0	17,034	2,141	18,558	52.5	51.0	51.2	44.3
23	50.0	(0.9)	49.1	49.4	49.3	51.6	50.7	50.7	51.3	48.8	49.4	50.3	49.3	47.5	14,719	2,100	16,063	55.5	52.2	54.3	46.6
24	50.2	(0.8)	49.4	49.4	49.9	51.6	51.7	51.7	52.2	49.4	50.2	51.4	50.0	49.5	13,787	380	13,226	58.0	56.0	56.9	52.3
25	50.6	(0.9)	49.7	49.5	50.1	52.0	52.5	52.6	53.3	49.6	50.5	51.2	50.3	49.5	11,638	179	10,631	60.5	58.6	60.5	50.3
26	51.1	(0.8)	50.3	49.6	50.4	52.2	52.6	52.6	53.3	49.7	50.8	51.2	50.6	49.6	9,849	160	8,552	63.5	59.1	60.5	51.5
27	50.7	(1.0)	49.7	49.5	50.9	52.4	52.9	53.0	53.7	49.6	51.4	51.1	51.2	49.9	6,758	261	7,136	57.5	56.7	58.5	50.5
28	51.2	(1.2)	50.0	49.7	50.8	52.6	52.9	53.0	53.4	49.2	51.4	50.2	51.1	48.0	4,247	704	4,890	56.5	54.5	54.6	42.7
29	51.3	(1.1)	50.2	49.7	50.6	52.8	52.5	52.7	53.6	49.5	51.2	50.2	50.9	46.9	4,327	154	4,885	57.0	53.6	56.2	44.3
30	? 51.3	(1.4)	49.9	? 50.3	51.0	52.8	53.2	53.2	54.0	50.4	51.9	51.0	51.5	48.4	5,232	14	4,934	58.5	55.8	57.4	49.9
31	51.0	(1.1)	49.9	50.0	51.3	53.2	54.7	54.9	55.5	51.0	52.5	51.5	52.0	50.2	5,651	45	4,942	60.0	56.7	57.2	54.0
Avg Tot cfs Tot af	49.4		48.8	49.1	49.8	52.0	51.9	52.0	52.6	48.2	50.4	50.5	50.2	47.8	6,043 187,342 371,593	1,206 37,379 74,141	7,445 230,805 457,802	56.7	54.7	55.7	47.5

? = Average includes 1-9 estimated hourly readings

! = No Average (10-17 hours missing)

& = No Average (18 to 23 hours missing)

= Station out of service

ND = No hourly readings or incorrect

% = Data will be down loaded from site at later date by NCAO staff.

When available:

^ = Redding Air Temp Record High

* = Redding Air Temp Record Low

Control Point: Clear Creek 4/1/2015 to 4/17/2015 at 56.0 degrees; 4/18/2015 to 5/14/2015 at 58.0 degrees; 5/15/2015 to 6/4/2015 56.0; 6/5/2015 to 3/31/2016 58.0 degrees.