

10/7/2015

Temperature and Release Summary for Shasta and Trinity - September 2015

(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 9/30 Ccr	Igo	Sac	Dgc	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Aug	53.9		52.3	58.7	55.4	58.6	60.0	60.7	62.4	53.1	56.9	58.4	56.3	57.0	5,354	1,374	6,854	81.3	75.9	76.1	70.5
Sep																					
1	53.5	(1.2)	52.3	58.8	55.2	58.8	59.9	60.6	62.1	53.7	56.9	59.5	56.2	56.5	4,912	1,322	6,904	79.5	73.3	75.0	69.5
2	53.3	(1.0)	52.3	58.8	54.8	58.3	59.5	60.4	62.0	53.6	56.3	59.1	55.7	56.0	5,409	1,250	6,901	77.5	72.3	72.5	64.4
3	53.3	(1.1)	52.2	58.8	54.9	58.2	59.4	60.2	61.6	53.5	56.5	59.2	55.9	55.6	5,690	1,198	6,908	74.0	71.0	70.1	62.9
4	53.5	(1.3)	52.2	58.8	54.7	57.7	58.7	59.5	61.0	53.6	56.1	58.9	55.6	55.1	5,791	1,162	6,909	71.5	67.5	69.1	57.8
5	53.8	(1.2)	52.6	58.7	54.6	57.1	57.9	58.6	59.8	53.9	55.9	58.5	55.5	55.0	5,536	1,397	6,902	73.0	68.4	70.0	56.5
6	54.0	(1.1)	52.9	58.7	54.5	57.4	58.1	58.7	59.7	53.6	56.0	58.7	55.4	55.4	6,099	1,103	6,910	78.5	69.6	72.0	60.9
7	54.4	(1.4)	53.0	58.6	54.8	57.3	58.3	58.9	60.0	53.5	56.2	58.5	55.7	55.6	5,600	1,394	6,904	78.5	71.5	74.0	65.4
8	54.3	(1.2)	53.1	58.6	55.1	57.8	58.8	59.4	60.5	53.6	56.6	58.6	56.1	55.7	5,673	1,239	6,905	81.0	73.9	75.5	68.6
9	54.1	(1.0)	53.1	!	55.5	58.1	59.2	59.8	61.0	53.8	56.9	58.6	56.4	55.0	4,936	1,531	6,905	82.0	75.1	78.0	69.6
10	54.2	(0.8)	53.4	?	58.6	55.3	58.5	59.5	60.2	53.8	56.9	58.8	56.3	55.0	6,059	857	6,905	84.5	78.0	82.4	71.2
11	54.5	(1.0)	53.5	59.1	55.1	58.1	59.4	60.1	61.7	53.6	56.6	59.1	56.0	55.2	6,288	14	6,943	84.0	79.5	81.4	74.7
12	54.8	(1.0)	53.8	58.5	54.9	57.5	58.4	59.0	60.2	53.7	56.2	59.0	55.7	55.4	5,397	331	6,908	83.0	72.7	74.5	71.9
13	55.0	(1.1)	53.9	58.5	55.5	57.7	58.6	59.1	59.7	53.4	56.5	59.1	56.1	55.5	5,801	1,242	6,907	83.0	75.6	76.9	71.5
14	54.1	(0.8)	53.3	58.5	55.3	57.3	58.2	59.0	59.9	53.1	56.0	58.1	55.6	54.4	6,270	1,001	6,903	72.5	69.0	69.4	60.8
15	54.4	(1.0)	?	53.4	58.5	54.9	57.0	57.5	57.9	58.5	52.6	58.0	55.5	53.6	5,102	1,514	6,693	64.5	64.4	63.7	55.3
16	55.1	(1.0)	54.1	?	58.6	54.7	55.6	56.2	56.8	57.6	52.4	55.0	57.0	54.8	4,733	1,398	6,670	57.0	56.9	59.2	47.8
17	54.7	(0.5)	54.2	?	58.6	55.0	56.8	57.5	57.7	57.8	52.2	56.2	58.5	55.9	4,826	1,409	6,672	68.5	63.5	65.8	56.8
18	55.3	(0.8)	54.5	58.5	55.8	57.3	58.6	59.1	59.9	52.4	57.0	58.8	56.6	53.9	4,866	1,383	6,760	76.0	65.9	68.6	57.8
19	55.0	(0.8)	54.2	58.5	55.9	57.9	59.2	59.7	60.5	53.1	57.2	59.1	56.7	54.8	5,036	1,479	6,709	77.0	68.7	70.5	62.4
20	55.2	(0.8)	54.4	58.4	55.9	58.2	59.5	60.1	61.0	53.5	57.5	59.2	56.9	56.5	5,975	937	6,709	77.5	71.1	73.8	66.8
21	55.0	(0.6)	54.4	58.3	56.0	58.3	59.6	60.3	61.4	53.6	57.5	59.2	56.9	57.2	5,339	1,589	6,687	80.5	72.4	75.9	67.1
22	55.1	(0.8)	54.3	?	58.2	56.1	58.4	59.7	60.3	53.2	57.6	58.9	57.0	56.8	4,847	1,262	6,690	76.0	69.8	72.7	64.5
23	55.3	(0.9)	54.4	?	58.2	55.9	58.2	59.4	60.0	52.8	57.3	58.6	56.7	55.8	5,054	939	6,706	73.0	67.1	69.6	62.3
24	55.5	(0.7)	54.8	58.2	55.8	58.0	59.1	59.7	60.9	53.1	57.2	58.7	56.6	56.2	5,907	950	6,633	77.5	69.4	71.9	65.7
25	55.0	(0.4)	54.6	?	58.2	55.9	58.0	59.1	59.5	52.7	57.2	58.6	56.7	56.0	5,344	1,006	6,591	75.5	68.8	72.0	65.2
26	54.6	(0.5)	54.1	?	58.1	56.1	58.2	59.4	59.8	52.6	57.5	58.7	56.9	56.2	5,668	984	6,578	76.5	70.0	73.2	64.8
27	54.9	(0.5)	54.4	58.1	55.6	58.2	59.4	59.8	61.0	52.6	57.2	58.8	56.5	55.7	4,904	994	6,551	77.0	69.8	73.2	64.5
28	55.0	(0.4)	54.6	58.1	55.6	57.9	59.0	59.4	60.8	52.9	57.0	58.6	56.5	55.8	5,012	705	6,545	75.5	68.2	72.2	64.4
29	55.2	(0.4)	54.8	?	58.1	55.5	57.8	58.7	59.1	52.5	56.8	58.3	56.3	55.6	5,460	759	6,545	70.5	64.1	66.1	61.3
30	55.7	(0.3)	55.4	58.0	55.7	57.3	57.5	57.9	59.0	52.1	56.3	57.7	56.0	54.3	4,991	948	6,542	65.5	59.6	61.0	56.0
		0.0																			
Avg	54.6		53.7	58.5	55.4	57.8	58.8	59.4	60.4	53.2	56.7	58.7	56.2	55.3	5,418	1,110	6,767	75.7	69.6	71.7	63.6
Tot cfs															162,525	33,297	202,995				
Tot af															322,368	66,045	402,641				

? = 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 9/30/2015 58.0 degrees.