

9/4/2015

Temperature and Release Summary for Shasta and Trinity - August 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 8/31	Ccr	Igo	Sac	Dgc	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Jul	53.9		52.0	57.2	55.4	59.0	60.9	61.8	63.8	54.7	57.1	58.9	56.5	61.0	5,648	1,153	7,007	85.5	79.9	79.8	74.0	
Aug																						
1	53.4	(1.8)	51.6	58.6	54.8	58.5	60.4	61.2	63.0	54.5	56.8	58.6	56.1	61.1	5,313	1,330	6,824	88.0	81.8	79.6	78.8	
2	53.8	(2.0)	? 51.8	58.6	54.8	58.3	59.8	60.8	63.1	53.7	56.0	57.8	55.5	60.1	5,472	1,330	6,828	84.5	79.7	77.8	74.4	
3	52.6	(1.2)	51.4	58.7	54.5	58.0	59.7	60.4	62.0	54.2	56.3	58.6	55.8	59.4	5,693	1,358	6,837	84.0	78.2	77.3	73.1	
4	53.4	(1.2)	52.2	58.7	54.8	58.0	59.3	60.1	61.9	53.4	56.0	57.8	55.6	59.6	5,187	1,565	6,835	78.5	71.5	71.0	70.6	
5	55.0	(1.5)	53.5	58.8	54.5	57.5	58.8	59.5	61.2	53.2	55.7	57.8	55.3	57.6	5,313	1,562	6,836	78.0	73.8	73.5	68.3	
6	54.7	(1.7)	? 53.0	58.8	55.3	57.6	58.9	59.5	61.1	53.5	56.2	58.1	55.9	57.5	5,409	1,543	6,836	82.5	76.3	76.7	69.8	
7	53.9	(1.7)	52.2	58.8	56.0	58.4	60.3	60.8	62.1	53.4	57.4	58.5	#	58.7	5,397	1,516	6,834	84.5	79.2	80.5	72.1	
8	53.9	(2.0)	51.9	58.8	55.8	58.9	60.9	61.6	63.3	53.0	57.4	58.2	#	57.2	5,423	1,545	6,864	81.0	74.8	75.1	68.1	
9	53.2	(1.7)	51.5	58.8	55.6	58.7	60.5	61.3	63.3	52.8	57.2	58.2	#	56.6	5,333	1,279	6,858	81.5	76.2	77.1	66.0	
10	52.4	(1.3)	51.1	58.8	55.3	58.7	60.2	61.0	62.8	52.5	56.8	57.8	#	56.3	5,031	1,350	6,805	80.5	75.2	75.7	66.6	
11	53.4	(1.9)	51.5	58.8	54.4	58.4	59.9	60.7	62.6	52.9	56.2	58.2	55.4	57.0	5,347	1,107	6,781	80.0	75.9	74.6	69.7	
12	53.5	(1.8)	51.7	58.8	54.0	57.7	59.0	59.8	62.0	53.0	55.6	58.2	55.0	57.9	5,104	1,175	6,676	77.5	72.8	73.4	68.7	
13	53.4	(1.4)	52.0	58.8	54.5	57.5	59.1	59.8	61.6	53.2	56.1	58.1	55.6	58.6	5,350	1,004	6,678	78.0	73.6	74.8	68.8	
14	54.1	(1.2)	52.9	58.7	54.6	57.9	59.3	60.1	61.8	53.1	55.9	57.7	55.5	58.5	6,369	1,365	6,598	76.5	74.3	73.9	66.1	
15	54.0	(1.3)	52.7	58.8	55.0	57.7	59.2	59.8	61.5	53.3	56.4	58.4	56.0	57.9	5,953	1,268	6,900	88.0	76.5	79.1	68.1	
16	53.5	(1.4)	52.1	58.8	55.4	58.2	59.9	60.4	61.9	53.1	57.0	58.6	56.5	58.8	5,259	1,226	6,895	84.5	77.1	78.5	72.2	
17	54.2	(1.5)	52.7	58.7	55.6	58.5	60.2	60.8	62.5	52.5	57.1	58.4	56.6	55.6	5,388	1,353	6,923	84.5	78.0	80.5	73.0	
18	53.7	(1.6)	52.1	58.7	55.5	58.5	60.1	60.9	62.7	52.3	57.0	58.3	56.4	54.2	4,632	1,514	6,919	86.0	78.6	78.9	73.2	
19	54.8	(2.1)	52.7	58.7	55.7	58.5	60.0	60.7	62.4	51.9	57.0	58.0	56.4	53.7	5,368	1,247	6,906	81.5	75.4	74.6	69.6	
20	54.4	(1.7)	52.7	58.7	55.6	58.4	59.5	60.2	61.9	52.2	56.9	58.2	56.3	54.5	5,149	1,171	6,922	80.0	74.2	73.2	70.5	
21	54.7	(1.7)	53.0	58.7	55.8	58.6	59.9	60.5	61.8	52.3	57.3	58.5	56.7	56.5	5,635	1,285	6,897	80.0	74.2	74.4	70.6	
22	55.0	(1.8)	53.2	58.7	55.8	58.9	60.4	61.1	62.7	52.2	57.5	58.6	56.9	55.6	5,648	1,237	6,898	81.5	75.9	75.3	73.9	
23	56.6	(3.0)	53.6	58.6	56.3	59.1	60.6	61.2	62.9	52.4	57.8	58.4	57.2	55.5	4,695	1,884	6,898	79.5	74.2	74.2	72.3	
24	54.2	(1.5)	52.7	58.7	57.1	59.4	61.0	61.6	63.1	52.9	58.5	58.6	58.0	55.9	5,993	1,441	6,870	81.0	75.1	75.1	73.0	
25	53.6	(1.4)	52.2	58.7	56.6	59.8	61.3	62.0	63.5	53.1	58.4	58.6	57.7	56.0	5,381	1,375	6,905	80.5	75.1	76.4	71.8	
26	53.8	(1.5)	52.3	58.7	56.0	59.6	60.9	61.5	63.2	53.3	57.8	58.5	57.1	56.0	5,276	1,506	6,899	80.0	74.5	76.0	71.0	
27	53.6	(1.5)	52.1	58.7	55.7	59.9	60.3	61.2	63.0	53.3	57.2	58.6	56.6	56.1	4,655	1,422	6,903	82.5	77.0	78.3	71.5	
28	54.1	(1.7)	52.4	58.7	55.6	58.9	60.1	61.0	62.7	53.2	57.2	58.7	56.5	55.6	5,445	1,426	6,914	85.0	80.0	80.1	73.3	
29	53.8	(1.3)	52.5	58.8	55.4	59.6	60.9	61.8	63.2	53.3	57.3	59.4	56.4	56.5	5,494	1,456	6,906	78.0	79.1	77.0	70.3	
30	53.9	(1.3)	52.6	58.8	55.7	58.7	59.8	60.7	62.6	53.5	57.2	59.0	56.6	55.7	4,918	1,432	6,908	73.5	71.6	71.5	63.5	
31	52.9	(0.9)	52.0	58.9	55.5	58.8	59.8	60.5	62.0	53.7	57.1	59.6	56.5	56.1	5,343	1,318	6,910	80.5	73.0	75.0	66.8	
Avg	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	
Tot cfs															165,973	42,590	212,463					
Tot af															329,207	84,477	421,420					

? = Average includes 1-9 estimated hourly readings
 # = Station out of service

! = No Average (10-17 hours missing)
 ND = No hourly readings or incorrect

& = No Average (18 to 23 hours missing)
 % = 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 8/31/2015 58.0 degrees.