

9/10/2012

Temperature and Release Summary for Shasta and Trinity - August 2012

(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 4/16 to 5/31 Bsf	Control Point 6/1 to 8/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Jul	50.7		49.8	55.1	51.3	53.6	54.6	55.1	56.8	50.8	52.3	57.8	12,677	1,338	14,195	80.2	76.7	77.0	71.0	
Aug																				
1	51.9	(0.9)	51.0	56.5	52.4	54.5	55.5	55.8	57.5	53.0	53.3	57.9	12,621	1,561	14,253	84.0	79.6	80.1	74.0	
2	51.7	(0.8)	50.9	56.5	52.5	54.7	55.7	55.9	57.5	53.0	53.5	57.6	12,507	1,548	14,228	82.5	78.8	79.2	74.8	
3	51.5	(1.0)	50.5	56.6	52.3	54.7	55.8	56.0	57.6	53.1	53.4	57.5	12,518	1,570	14,191	84.5	79.8	79.6	76.4	
4	51.7	(1.1)	50.6	56.6	52.2	54.3	55.4	55.6	57.3	52.8	53.2	57.4	12,601	1,580	14,197	81.5	76.4	76.2	76.6	
5	52.0	(1.1)	50.9	56.7	52.3	54.6	55.7	55.9	57.6	53.2	53.3	57.9	12,988	1,371	14,250	84.0	79.4	78.2	76.8	
6	51.8	(0.9)	50.9	56.7	52.6	54.7	55.7	55.9	57.6	53.2	53.5	57.3	12,323	1,582	14,213	80.0	76.1	75.8	73.7	
7	52.0	(1.1)	50.9	56.8	52.4	54.6	55.7	55.9	57.6	53.1	53.4	57.2	12,402	1,218	14,140	81.0	76.5	77.8	72.4	
8	51.2	(1.0)	50.2	56.9	52.6	54.7	55.8	55.9	57.5	53.3	53.5	57.5	11,945	1,219	13,315	85.5	80.6	79.8	73.1	
9	51.2	(1.1)	50.1	56.9	52.0	54.5	55.6	56.0	57.7	53.1	53.1	57.3	11,353	1,528	13,239	83.5	78.4	79.9	73.5	
10	51.4	(1.3)	50.1	56.9	52.1	54.5	55.6	56.0	57.5	52.8	53.1	57.9	11,806	1,525	13,357	86.0	80.7	82.5	74.1	
11	51.5	(1.2)	50.3	57.0	52.2	54.4	55.5	56.0	57.7	52.8	53.1	57.4	11,433	1,363	13,769	86.0	80.5	82.1	75.2	
12	51.4	(1.4)	50.0	57.0	52.3	54.6	55.6	56.0	57.6	52.7	53.3	56.9	10,394	1,335	12,892	86.5	80.3	82.4	76.0	
13	51.1	(1.2)	49.9	57.0	52.4	54.7	55.9	56.4	58.0	51.4	53.4	57.3	10,293	1,548	12,514	89.0	83.8	85.9	76.7	
14	50.8	(1.3)	49.5	57.1	52.2	54.8	56.0	56.5	58.2	50.8	53.4	57.7	10,122	1,502	12,508	90.0	82.2	83.7	77.7	
15	50.6	(1.2)	49.4	57.1	51.7	54.0	55.3	55.8	57.7	50.2	52.7	56.8	9,830	1,566	12,560	87.0	81.5	81.2	75.9	
16	50.7	(1.1)	49.6	57.2	51.6	54.1	55.3	55.7	57.3	49.8	52.8	57.5	9,527	1,505	12,090	86.5	82.2	80.0	79.5	
17	50.9	(1.5)	49.4	57.1	51.9	54.5	55.7	56.2	57.9	49.9	53.0	57.6	9,797	1,526	12,101	86.0	81.3	80.3	77.2	
18	50.9	(1.4)	49.5	57.1	52.0	54.6	55.9	56.5	58.4	50.2	53.1	57.8	9,809	1,511	12,453	87.5	82.2	82.7	77.1	
19	49.7	(0.8)	48.9	57.1	52.0	54.6	55.8	56.3	58.1	50.0	53.2	57.5	9,693	1,488	12,458	83.5	78.6	78.6	73.1	
20	49.5	(1.0)	48.5	57.1	51.0	53.9	55.3	55.9	57.7	50.1	52.5	56.9	9,779	1,454	12,092	81.0	74.9	75.2	72.6	
21	49.6	(1.1)	48.5	57.1	50.7	53.0	54.3	54.9	56.8	49.9	51.7	56.8	9,865	1,509	12,156	79.5	75.2	75.8	70.9	
22	49.5	(1.0)	48.5	57.2	50.6	53.0	54.1	54.5	56.1	49.8	51.7	57.0	9,649	1,520	11,758	81.0	75.6	76.4	72.5	
23	49.5	(1.0)	48.5	57.2	50.8	53.2	54.3	54.7	56.4	49.8	51.9	57.0	9,173	1,489	11,501	79.5	74.3	74.7	71.5	
24	49.6	(1.1)	48.5	57.2	50.8	53.1	54.2	54.7	56.4	49.7	51.8	56.5	9,070	1,529	11,503	80.5	74.8	76.5	70.1	
25	49.7	(1.1)	48.6	57.2	50.8	53.0	54.2	54.6	56.3	49.6	51.7	56.0	8,667	1,467	11,100	77.5	72.5	73.9	68.8	
26	49.7	(1.1)	48.6	57.1	50.7	53.2	54.4	54.8	56.4	49.6	51.8	56.3	8,802	1,238	11,001	72.0	68.5	68.9	65.0	
27	49.8	(1.1)	48.7	57.2	50.6	53.0	54.2	54.7	56.3	49.6	51.7	56.0	9,335	1,173	11,008	71.5	67.7	68.6	64.8	
28	49.7	(1.0)	48.7	57.1	50.6	52.9	54.0	54.4	56.1	49.7	51.6	55.9	9,130	1,159	11,038	73.5	68.8	71.2	66.0	
29	49.7	(1.0)	48.7	57.1	51.0	53.1	54.1	54.5	56.0	49.5	52.0	56.4	8,192	1,562	10,802	76.5	71.6	73.3	66.8	
30	49.7	(1.0)	48.7	57.1	51.0	53.1	54.2	54.7	56.1	49.4	51.9	55.8	7,896	1,550	10,506	76.0	70.5	73.8	66.3	
31	49.7	(0.9)	48.8	57.0	51.1	53.5	54.6	54.9	56.4	49.1	52.2	55.8	8,020	1,523	10,502	70.5	67.0	67.4	65.7	
Avg	50.6		49.5	57.0	51.7	54.0	55.1	55.5	57.2	51.1	52.7	57.0	10,372	1,459	12,506	81.7	76.8	77.5	72.7	
Tot cfs													321,540	45,219	387,695					
Tot af													637,775	89,692	768,993					

= 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 4/16/2012 to 5/31/2012; Jellys Ferry 6/1/2012 to 8/31/2012