

7/11/2011

Temperature and Release Summary for Shasta and Trinity - June 2011

(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	Bsf	Control Point 6/1 to 6/30 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
May	51.5		50.3	51.1	51.7	54.1	55.3	55.7	56.5	47.0	52.5	52.0	8,064	179	8,450	61.0	59.8	60.9	53.7	
Jun																				
1	52.0	(1.4)	50.6	51.0	51.2	52.4	53.0	53.6	54.1	46.5	51.5	52.2	9,301	1,497	11,480	53.5	52.2	53.2	ND	
2	52.0	(1.4)	50.6	50.5	51.9	53.3	53.8	53.8	54.1	46.7	52.4	52.1	10,600	1,566	12,754	56.5	55.8	55.8	ND	
3	52.5	(1.4)	51.1	50.9	51.8	53.2	53.8	54.0	54.4	47.0	52.0	52.1	12,057	649	13,426	54.5	54.3	55.9	ND	
4	52.6	(1.5)	51.1	52.0	51.8	52.6	53.1	53.4	53.7	46.8	51.4	52.5	13,959	1,139	18,888	57.5	57.2	58.0	ND	
5	52.5	(1.1)	51.4	51.8	51.9	53.0	53.5	53.5	53.7	46.5	51.8	54.4	16,026	852	19,184	61.0	61.2	63.3	ND	
6	52.1	(0.9)	51.2	54.0	51.8	52.7	53.4	53.8	54.3	46.8	51.5	53.1	16,217	64	18,544	59.0	57.9	58.2	ND	
7	52.8	(0.7)	52.1	52.9	52.1	53.6	54.1	54.1	54.2	47.8	52.0	52.8	17,316	1,136	17,123	68.0	66.2	66.4	ND	
8	51.5	(0.6)	50.9	52.6	52.7	55.3	56.4	56.5	56.9	48.1	53.0	53.0	14,403	955	14,150	70.5	68.5	69.5	ND	
9	49.5	(0.8)	48.7	53.5	51.5	55.3	56.9	57.3	58.3	48.2	52.4	53.3	11,469	1,060	12,812	74.5	72.8	73.3	ND	
10	49.3	(0.1)	49.2	54.3	50.1	54.3	56.1	56.5	58.0	48.2	51.1	54.0	9,175	1,362	10,915	71.5	71.7	73.5	ND	
11	49.3	(0.1)	49.2	53.5	49.9	53.6	55.6	56.1	57.6	48.3	50.8	53.9	7,644	1,296	9,494	67.5	67.5	67.2	ND	
12	49.4	0.1	49.5	54.5	49.9	54.2	55.9	56.1	57.3	48.1	51.1	55.5	7,516	1,476	9,309	72.5	71.8	71.9	ND	
13	49.4	(0.9)	48.5	53.5	50.2	54.9	57.0	57.5	58.9	48.3	51.3	57.3	8,050	1,506	9,932	76.0	75.9	76.3	ND	
14	48.6	0.4	49.0	54.1	50.2	54.6	56.9	57.4	59.0	48.7	51.2	57.6	10,226	1,478	11,596	81.0	76.8	79.7	ND	
15	48.4	0.3	48.7	54.7	49.5	54.2	56.2	56.7	58.3	48.6	50.7	57.3	9,028	1,475	10,933	81.5	76.8	81.1	ND	
16	48.5	(0.5)	48.0	53.7	49.2	53.5	55.4	55.9	57.6	48.5	50.3	56.6	9,052	1,311	10,933	76.0	75.0	76.8	ND	
17	48.5	0.0	48.5	53.4	49.2	53.1	54.9	55.3	56.9	48.7	50.2	58.6	9,575	1,480	11,007	79.0	73.0	74.9	ND	
18	48.7	(0.2)	48.5	53.8	49.2	53.1	55.0	55.5	57.0	48.3	50.2	57.0	9,428	1,482	10,950	75.0	73.8	74.1	ND	
19	48.8	0.6	49.4	54.8	49.4	53.6	55.5	55.9	57.3	48.6	50.5	57.6	9,188	1,577	11,027	77.5	76.9	78.2	ND	
20	48.7	0.1	48.8	53.5	49.5	53.9	55.9	56.4	57.9	48.8	50.6	58.1	9,330	1,591	11,066	86.0	80.6	81.8	ND	
21	48.6	1.4	50.0	55.4	49.5	53.9	56.1	56.6	58.4	48.6	50.6	58.7	8,431	1,544	11,181	85.5	80.1	80.7	ND	
22	48.8	0.4	49.2	54.0	49.2	54.2	56.2	56.8	58.6	48.5	50.4	59.0	9,133	1,625	11,182	84.0	81.3	83.4	ND	
23	48.7	(0.6)	48.1	54.2	49.4	53.7	55.9	56.5	58.5	48.8	50.4	58.4	9,441	1,516	11,154	78.0	77.2	78.6	ND	
24	48.6	0.1	48.7	53.4	49.5	54.0	56.0	56.4	58.0	48.9	50.8	58.5	8,576	1,521	10,452	79.5	75.0	75.0	ND	
25	48.7	0.1	48.8	54.4	49.4	53.4	55.4	56.0	57.9	48.7	50.4	58.3	9,324	1,583	11,259	77.0	74.2	74.2	ND	
26	48.7	(0.8)	47.9	53.8	49.4	53.4	55.3	55.8	57.5	48.6	50.4	58.5	9,298	1,891	11,256	77.0	77.4	76.2	ND	
27	48.6	(0.3)	48.3	53.9	49.4	53.5	55.5	56.0	57.9	48.7	50.5	58.8	9,170	1,843	11,254	78.5	75.7	76.6	ND	
28	48.4	(0.1)	48.3	53.8	49.7	52.6	54.4	55.0	57.4	48.4	50.2	57.3	8,888	1,890	11,246	67.0	64.3	64.0	ND	
29	48.6	(0.1)	48.5	54.2	49.1	53.0	54.5	54.8	56.0	48.2	50.0	58.0	9,000	1,872	11,225	67.0	64.9	63.8	ND	
30	48.5	(0.7)	47.8	54.1	49.5	53.2	55.0	55.4	56.9	47.9	50.4	56.7	9,941	1,949	11,914	72.5	70.6	70.3	ND	
		0.0																		
Avg	49.7		49.4	53.5	50.2	53.6	55.2	55.6	56.9	48.1	51.0	56.0	10,359	1,406	12,255	72.2	70.2	71.1	#DIV/0!	
Tot cfs													310,762	42,186	367,646					
Tot af													616,396	83,676	729,226					

= 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 3/1/2011 to 5/31/2011; Jelly's Ferry 6/1/2011 to 6/30/2011.

NOTE: Many hourly readings for SHD and SPP are questionable.