

Temperature and Release Summary for Shasta and Trinity - May 2010

| 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 4/15 to Jlf | Bnd | Rdb | Lws | Ccr | Igo | Shasta Generation EI 815 | Spring Crk Powerplant Release | Keswick Total Release | RDD | BSF | RDB | LWS | |
| Apr Avg | 49.4 | | 48.4 | 49.3 | 49.6 | 52.5 | 53.3 | 53.3 | 54.3 | 49.1 | 50.7 | | 3,301 | 665 | 4,492 | 53.8 | 53.5 | 54.5 | ND | |
| May | | | | | | | | | | | | | | | | | | | | |
| 1 | 50.5 | (1.4) | 49.1 | 50.4 | 50.7 | 53.8 | 54.9 | 55.0 | 55.7 | 48.7 | 51.9 | 52.1 | 7,121 | 50 | 7,423 | 62.5 | 61.9 | 64.5 | ND | |
| 2 | 49.5 | (1.2) | 48.3 | 50.4 | 51.1 | 54.4 | 55.9 | 56.1 | 57.0 | 47.9 | 52.4 | 52.3 | 7,038 | 50 | 7,505 | 66.0 | 64.6 | 65.6 | ND | |
| 3 | 49.7 | (1.6) | 48.1 | 50.4 | 50.3 | 54.8 | 56.4 | 56.6 | 57.9 | 47.4 | 51.9 | 52.6 | 6,854 | 50 | 7,507 | 64.5 | 62.0 | 65.8 | ND | |
| 4 | 50.0 | (1.7) | 48.3 | 50.2 | 49.7 | 53.6 | 55.3 | 55.7 | 57.1 | 46.8 | 51.1 | 52.1 | 6,359 | 566 | 7,558 | 64.5 | 61.4 | 64.0 | ND | |
| 5 | 49.8 | (1.5) | 48.3 | 50.5 | 49.9 | 53.1 | 54.2 | 54.7 | 55.9 | 46.7 | 51.0 | 51.4 | 5,775 | 780 | 7,581 | 57.0 | 55.2 | 59.0 | ND | |
| 6 | 49.8 | (1.4) | 48.4 | 51.5 | 49.5 | 52.7 | 53.6 | 54.0 | 54.9 | 46.7 | 51.0 | 51.2 | 6,829 | 50 | 7,594 | 61.0 | 57.9 | 59.7 | ND | |
| 7 | 50.6 | (1.3) | 49.3 | 51.0 | 49.6 | 52.8 | 54.0 | 54.4 | 55.5 | 46.8 | 50.9 | 51.8 | 7,386 | 50 | 7,586 | 59.0 | 56.9 | 60.7 | ND | |
| 8 | 51.1 | (1.4) | 49.7 | 51.1 | 49.9 | 53.6 | 55.1 | 55.5 | 56.6 | 47.0 | 51.3 | 52.5 | 6,909 | 50 | 7,589 | 62.0 | 60.8 | 62.4 | ND | |
| 9 | 51.2 | (1.5) | 49.7 | 51.1 | 50.8 | 53.7 | 54.9 | 55.4 | 56.8 | 47.1 | 52.0 | 52.2 | 6,625 | 50 | 7,582 | 60.0 | 58.2 | 58.6 | ND | |
| 10 | 51.0 | (1.5) | 49.5 | 51.1 | 50.8 | 53.4 | 54.0 | 54.5 | 55.2 | 46.7 | 51.6 | 50.8 | 6,948 | 51 | 7,603 | 53.0 | 53.0 | 52.7 | ND | |
| 11 | 50.8 | (0.8) | 50.0 | 48.6 | 50.5 | 53.4 | 53.7 | 53.8 | 54.5 | 46.4 | 51.9 | 51.2 | 6,633 | 271 | 7,561 | 55.0 | 54.3 | 55.2 | ND | |
| 12 | 51.1 | (1.0) | 50.1 | 50.8 | 51.2 | 54.2 | 55.5 | 55.9 | 56.9 | 47.0 | 52.5 | 52.7 | 6,241 | 459 | 7,417 | 66.0 | 62.4 | 65.7 | ND | |
| 13 | 51.3 | (1.4) | 49.9 | 50.9 | 51.5 | 55.3 | 56.9 | 57.3 | 58.4 | 47.3 | 53.2 | 53.4 | 6,396 | 460 | 7,501 | 69.0 | 65.0 | 68.0 | ND | |
| 14 | 51.2 | (1.3) | 49.9 | 50.9 | 51.7 | 55.7 | 57.5 | 58.0 | 59.4 | 47.6 | 53.3 | 53.5 | 7,115 | 459 | 8,360 | 68.0 | 65.5 | 67.0 | ND | |
| 15 | 51.0 | (1.0) | 50.0 | 51.1 | 51.6 | 55.7 | 57.5 | 58.1 | 59.6 | 47.6 | 53.2 | 54.1 | 7,737 | 275 | 8,574 | 69.0 | 65.8 | 67.5 | ND | |
| 16 | 51.2 | (1.3) | 49.9 | 51.0 | 51.7 | 55.5 | 57.4 | 58.0 | 59.4 | 47.6 | 53.1 | 54.4 | 7,975 | 266 | 8,597 | 68.5 | 66.6 | 69.0 | ND | |
| 17 | 51.1 | (1.2) | 49.9 | 51.1 | 51.4 | 54.7 | 56.4 | 57.0 | 58.2 | 47.7 | 52.6 | 53.0 | 7,500 | 472 | 8,485 | 61.0 | 58.5 | 58.2 | ND | |
| 18 | 51.4 | (1.3) | 50.1 | 51.1 | 51.0 | 54.1 | 55.3 | 55.7 | 56.8 | 47.6 | 52.4 | 53.2 | 7,195 | 466 | 8,553 | 61.5 | 60.0 | 60.7 | ND | |
| 19 | 51.1 | (1.0) | 50.1 | 51.1 | 50.9 | 53.4 | 54.8 | 55.4 | 56.4 | 47.4 | 51.7 | 52.4 | 7,256 | 432 | 8,287 | 58.5 | 58.7 | 58.6 | ND | |
| 20 | 50.8 | (0.7) | 50.1 | 51.3 | 50.7 | 53.4 | 54.4 | 54.5 | 55.8 | 47.1 | 52.0 | 52.3 | 6,802 | 474 | 8,493 | 55.5 | 57.1 | 61.1 | ND | |
| 21 | 51.2 | (1.0) | 50.2 | 51.2 | 50.9 | 53.5 | 54.7 | 54.8 | 56.2 | 47.2 | 51.8 | 51.4 | 7,250 | 471 | 8,495 | 55.5 | 53.7 | 56.7 | ND | |
| 22 | 51.5 | (1.2) | 50.3 | 51.4 | 50.7 | 52.5 | 53.3 | 53.3 | 54.6 | 47.1 | 51.5 | 49.7 | 7,923 | 264 | 8,464 | 47.5 | 48.5 | 50.4 | ND | |
| 23 | 51.8 | (1.0) | 50.8 | 51.9 | 50.5 | 52.8 | 53.5 | 53.3 | 54.7 | 46.8 | 51.7 | 51.5 | 8,224 | 47 | 8,453 | 56.5 | 55.4 | 57.7 | ND | |
| 24 | 52.1 | (1.3) | 50.8 | 51.8 | 51.5 | 53.3 | 54.3 | 54.4 | 55.7 | 46.8 | 52.1 | 51.3 | 8,011 | 47 | 8,472 | 57.5 | 56.2 | 57.7 | ND | |
| 25 | 52.7 | (0.9) | 51.8 | 51.9 | 51.4 | 53.1 | 53.9 | 53.9 | 55.2 | 47.2 | 52.0 | 51.4 | 8,187 | 72 | 9,188 | 56.5 | 54.8 | 55.3 | ND | |
| 26 | 52.7 | (0.7) | 52.0 | 52.1 | 52.2 | 53.6 | 54.3 | 54.0 | 55.0 | 46.8 | 52.9 | 51.6 | 9,827 | 83 | 9,859 | 60.0 | 56.9 | 57.8 | ND | |
| 27 | 53.1 | (0.7) | 52.4 | 51.7 | 52.3 | 53.1 | 53.6 | 53.6 | 54.9 | 46.8 | 52.7 | 51.1 | 9,554 | 348 | 10,919 | 52.0 | 50.4 | 51.4 | ND | |
| 28 | 53.4 | (0.7) | 52.7 | 51.9 | 52.6 | 54.0 | 54.5 | 54.2 | 54.7 | 47.2 | 53.4 | 52.1 | 10,888 | 232 | 12,286 | 58.5 | 57.1 | 56.6 | ND | |
| 29 | 54.3 | (0.8) | 53.5 | 52.1 | 53.3 | 54.9 | 55.9 | 55.8 | 56.8 | 47.5 | 54.1 | 52.9 | 13,644 | 288 | 14,389 | 65.0 | 63.6 | 65.3 | ND | |
| 30 | 54.6 | (1.0) | 53.6 | 53.0 | 54.0 | 55.8 | 56.9 | 56.8 | 57.8 | 48.1 | 54.9 | 54.2 | 14,591 | 47 | 14,825 | 73.5 | 66.7 | 69.5 | ND | |
| 31 | 52.5 | (0.9) | 51.6 | 52.6 | 54.1 | 56.0 | 57.2 | 57.2 | 58.6 | 48.6 | 54.9 | 54.9 | 14,367 | 82 | 14,663 | 71.0 | 68.7 | 71.2 | ND | |
| Avg | 51.4 | | 50.3 | 51.2 | 51.2 | 54.0 | 55.2 | 55.4 | 56.5 | 47.3 | 52.4 | 52.3 | 8,102 | 250 | 8,947 | 61.1 | 59.3 | 61.1 | #DIV/0! | |
| Tot cfs | | | | | | | | | | | | | 251,160 | 7,762 | 277,369 | | | | | |
| Tot af | | | | | | | | | | | | | 498,176 | 15,396 | 550,161 | | | | | |

= Station out of service ^ - estimated (7 hours or less) ? = Avg. includes estimated data
 ! = 17 hours or less of readings & = 18 to 23 hours of reading ND = No hourly readings or incorrect

Control Point: Jellys Ferry 4/15/2010 to 5/10/2010 then Balls Ferry 5/11/2010 to 5/24/2010 then Jellys Ferry 5/25/2010 onward