# Northern CVP Water Temperature Report

**November - 2019**

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>- Mean Daily Water Temperature, Release Flow Rates and Air Temperatures with Monthly Averages</td>
</tr>
<tr>
<td>2</td>
<td>- Redding 10-Day Forecasted Air Temperatures</td>
</tr>
</tbody>
</table>
| 3    | - Sacramento River Mean Daily Water Temperature, Air Temperature and 10-Day Forecasted Air Temperature Plot  
    - Water Temperature Measuring Station Details  
    - Temperature Control Point Details |
| 4    | - Shasta Lake Isothermobaths Plot |
| 5    | - Trinity Lake Isothermobaths Plot |
| 6    | - Whiskeytown Lake Isothermobaths Plot |
| x    | - [TCD Configuration](#) (External Link) |

All Data in this Report is Preliminary and Subject to Change
<table>
<thead>
<tr>
<th>DATE</th>
<th>TCD</th>
<th>SHD</th>
<th>SPP</th>
<th>KWK</th>
<th>SAC</th>
<th>CCR</th>
<th>APR</th>
<th>BSF</th>
<th>JLF</th>
<th>BND</th>
<th>RDB</th>
<th>IGO</th>
<th>LWS</th>
<th>NFH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/06</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mean Daily Water Temperatures (°F)**

<table>
<thead>
<tr>
<th>DATE</th>
<th>TCD</th>
<th>SHD</th>
<th>SPP</th>
<th>KWK</th>
<th>SAC</th>
<th>CCR</th>
<th>APR</th>
<th>BSF</th>
<th>JLF</th>
<th>BND</th>
<th>RDB</th>
<th>IGO</th>
<th>LWS</th>
<th>NFH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/06</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mean Daily Air Temperatures (°F)**

<table>
<thead>
<tr>
<th>DATE</th>
<th>TCD</th>
<th>SHD</th>
<th>SPP</th>
<th>KWK</th>
<th>SAC</th>
<th>CCR</th>
<th>APR</th>
<th>BSF</th>
<th>JLF</th>
<th>BND</th>
<th>RDB</th>
<th>IGO</th>
<th>LWS</th>
<th>NFH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/06</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend**

- ? = 1-9 hours of data missing (Average includes estimations)
- # = 10 or more hours of data missing (Average not calculated)
- # = Station out of service
- ↑ = Record high air temperature
- ↓ = Record low air temperature
- = Monthly Averages

**Notes**

1 Temperatures are weighted averages based on individual penstock flow and temperature
   Highlighted cells in the TCD column indicate a TCD change was made on that day
2 Current control point (see page 3 for more details)
3 NFH is only reported in October, November and December
4 APR = Airport Road. This is a virtual site interpolated linearly between CCR and BSF based on distance.
### Redding (RDD) Daily Air Temperatures (°F)

<table>
<thead>
<tr>
<th>Date</th>
<th>Actual</th>
<th>Forecasted</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Previous Day</td>
<td>Current Day</td>
</tr>
<tr>
<td></td>
<td>↓ ↑ Avg</td>
<td>↓ ↑ Avg</td>
</tr>
<tr>
<td>11/01</td>
<td>30 75 52.5</td>
<td>36 79 57.5</td>
</tr>
<tr>
<td>11/02</td>
<td>34 80 57.0</td>
<td>36 82 59.0</td>
</tr>
<tr>
<td>11/03</td>
<td>36 82 59.0</td>
<td>39 84 61.5</td>
</tr>
<tr>
<td>11/04</td>
<td>37 81 59.0</td>
<td>39 84 61.5</td>
</tr>
<tr>
<td>11/05</td>
<td>39 89 64.0</td>
<td>40 82 61.0</td>
</tr>
<tr>
<td>11/06</td>
<td>40 83 61.5</td>
<td>43 82 62.5</td>
</tr>
<tr>
<td>11/07</td>
<td>42 82 62.0</td>
<td>39 83 61.0</td>
</tr>
<tr>
<td>11/08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/09</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Web Links**

- [10-Day Min/Max Forecast](#)
- [Previous Days Min/Max Actuals](#)

**Legend**

- 10-Day Min/Max Forecast
- NR = Forecasted temperatures not recorded
- 100 = Previous day actual temperatures in red and bolded indicate a record temperature for that date
Shasta Lake Isothermobaths - 2019
(Water Temperature, in °F)
Trinity Lake Isothermobaths - 2019
(Water Temperature, in °F)

Total Daily Storage

Storage, in TAF

1-Jan 1-Feb 1-Mar 1-Apr 1-May 1-Jun 1-July 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec
Whiskeytown Lake Isothermobaths - 2019
(Water Temperature, in °F)

Total Daily Storage