# Mokelumne River Project (FERC Project No. 137)

# 2009 Annual and Five-Year Summary
# Water Temperature Monitoring Program Report

*Prepared for*
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Land & Environmental Management
San Ramon, CA

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## EXECUTIVE SUMMARY

This report presents data collected during the 2009 annual water temperature monitoring study for the Mokelumne River Hydroelectric Project, FERC Project No. 137 (Project). This report also represents the fifth year (Year 5) of water temperature data collection for the 5 to 15-year monitoring period required by Condition No. 11 of the FERC Project license issued on October 11, 2001. In addition, this report provides a summary of the overall five year monitoring period (Years 1 to 5) and compares it to historical data. The focus of the study is to document temporal and spatial variations of water temperature on Project-affected streams and thermal stratification of two Project reservoirs under new operating guidelines mandated by the FERC license.

Stream water temperature was recorded at fifteen locations throughout the Project and in both Project reservoirs. Water temperatures during the first five year monitoring period (2005-2009) were consistent with water temperatures observed earlier (2000-2004). In general, the water temperatures within the Project-affected stream reaches systematically increased from the time of logger installation in April or June through July, before beginning to decline in August and September. Diurnal variance was increasingly evident in locations with lower flows and/or increasing distance from reservoir outlets. In addition, the trends in the water temperature data tended to closely follow trends seen in daily mean air temperatures observed regionally; this trend was also stronger at those locations with lower flows or increased distance from reservoir outlets as water temperatures began to approach equilibrium with the surrounding environment.

Monitoring locations directly downstream of Project facilities exhibited less daily fluctuations in temperature and were not correlated as closely to air temperatures in the area. However, water temperatures were affected by changes in flow releases from the nearby upstream facilities. In addition, water temperatures at monitoring locations downstream of Project reservoirs tended to increase as water temperatures in the reservoir increased.

Five of the fifteen monitoring stations had at least one day during the five year period when the average daily stream temperature exceeded 20°C. Three high elevation stations; BC1 (8 days), MC1 (12 days) and CC0 (1 day) experienced a limited number of days above the ERC 20°C coldwater objective which appear to have been caused by warm local air temperatures. In addition, warming in the pools upstream of these sites; Upper Blue Lake, Twin Lake and Cole Creek Diversion respectively, may have influenced temperatures to exceed the ERC coldwater objective.

During the five year monitoring period the water temperatures within the two Project reservoirs, Salt Springs and Lower Bear were consistent with the typical conditions expected in reservoirs at higher elevations. These data were also consistent with profiles taken from 2000 to 2004. Water temperatures recorded near the bottom of the reservoirs were the most consistent from year to year especially during periods when the water column was stratified. Differences in water temperatures near the bottom occurred later in the season depending on the timing of reservoir turn over. Surface water temperatures varied from year to year but differences were related more to local air temperatures and weather patterns than to reservoir effects. Salt Springs and Lower Bear River reservoirs each had stratified water columns throughout the monitoring period, shown by the presence of thermoclines. This stratification was strongest at the sampling locations near the dam and was also seen at the one-third upstream sampling location. The two-third upstream


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sampling location showed the most variation and sometimes showed a mixed water column even if the other sampling locations were still stratified.


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# 1.0 INTRODUCTION

## 1.1 Background

This report presents data collected during the 2009 annual water temperature monitoring study for the Mokelumne River Hydroelectric Project, FERC Project No. 137 (Project). This 2009 data report represents the fifth year (Year 5) of water temperature data collection for the 5 to 15-year monitoring period required by Condition No. 11 of the FERC Project license issued on October 11, 2001. In addition, this report provides a summary of the overall five year monitoring period (Years 1-5) and compares it to historical data. The focus of the study is to document temporal and spatial variations of water temperature on Project-affected streams and thermal stratification of two Project reservoirs under new operating guidelines mandated by the FERC license.

As part of the FERC relicensing process for the Project, a Settlement Agreement (Settlement) was developed by Pacific Gas and Electric Company (PG&E) and nine other parties representing Federal and State agencies and non-government organizations, here referred to as the Parties, to resolve among the Parties all streamflow issues for ecological purposes and river-based recreational use in support of the U.S. Forest Service (FS) issuing its Final 4(e) Conditions and FERC issuing a new Project License. The Settlement was executed by the Parties effective July 21, 2000 (PG&E 2000). Among other things, the Settlement included: 1) a new set of minimum streamflow requirements in Project-affected stream reaches for the protection of aquatic resources; 2) development of a Stream Ecology Monitoring Program (SEMP) in support of an adaptive management approach designed to protect stream ecology in the Project area; and 3) establishment of an Ecological Resources Committee (ERC) to assist PG&E in the performance of the SEMP and the adaptive management program (ERC membership was identified as the original signatory parties to the Settlement, except the FS, which would participate as a liaison to the ERC). On October 11, 2001, FERC issued an "Order Approving Settlement Agreement and Issuing New License" for the Project. The Settlement was incorporated into the license with minor modifications. Also incorporated into the license were the FS 4(e) Conditions.

Water temperature data were collected in the Project area annually from 1999 to 2009 (PG&E, 1999 unpublished data, 2002, 2003, 2004, 2005, 2006, 2007 and 2008). A general water temperature monitoring plan developed by PG&E and adopted by the ERC and FS in May 2001 (PG&E 2001). Data from 1999 and 2000 were collected in support of Settlement discussions, while data from 2001 to 2009 were collected in support of the SEMP. Data collected in 1999-2001 represent "baseline" conditions under streamflow requirements in effect prior to the issuance of the new FERC license. Data collected in 2002-2004, represent a range of conditions from "baseline" to "new license", depending on the stream reach and year. The new license allowed PG&E three years to complete necessary facility modifications to meet the new streamflow requirements, but also mandated that PG&E make a good faith effort to meet the new license conditions within the limitations of existing flow release structures. Additionally, PG&E requested and FERC granted a time extension of one year to finalize and perform the testing of the automatic equipment associated with the facility modifications. In most stream reaches, the


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2002-2004 releases fully met the new minimum streamflow requirements in multiple years; thus, these data are representative of the "new license" condition. In cases where the releases did not fully meet the new license requirements, the data represent "interim" conditions. Facility modifications were sufficiently completed by early 2005 to meet the new streamflow requirements. Thus, water temperature monitoring results from 2005 represent Year 1 conditions, as defined by the Settlement and the FERC license.

The 2009 water temperature monitoring results and subsequent five-year summary report will supplement existing data and will be used by the ERC and FS to evaluate water temperatures in Project-affected stream reaches relative to climatic conditions, changes in streamflow regime, and reservoir operations. The water temperature monitoring data will be used in conjunction with the results of other resource investigations (i.e., fish, macroinvertebrate, water quality, amphibian, riparian, geomorphology, etc.) to determine the overall effect of the Project flow regimes on the environmental resources of the Project area. Collectively, data from these monitoring programs will guide the ERC and FS in setting appropriate flow regimes as specified under the adaptive management program of the Settlement and FERC license.

## 1.2 Project Area

The Project is located on the Mokelumne River, North Fork Mokelumne River (NFMR), Bear River, and associated tributaries in Alpine, Amador, and Calaveras counties, California. Project features extend over a wide range of elevations in the Sierra Nevada Mountains, from over 8,600 feet to less than 800 feet. Portions of the project occupy lands within the Stanislaus National Forest and the El Dorado National Forest, as well as lands managed by the U.S. Department of the Interior's Bureau of Land Management (BLM). The existing Project consists of seven storage reservoirs, four powerhouses, and numerous diversions and conduits.

Farthest upstream are four natural lakes, which have been enlarged by the addition of dams to form small storage reservoirs: Upper Blue Lake, Lower Blue Lake, Twin Lake, and Meadow Lake (cover photo). Outflow from the Blue Lakes connects with the NFMR via Blue and Deer creeks, and outflow of Twin Lake and Meadow Lake drains into the NFMR via Meadow Creek (Figure 1). The Project has four power developments downstream of these lakes.

On the NFMR approximately 15 miles downstream from the four upper lakes is the Salt Springs Development. It includes three storage reservoirs: Salt Springs Reservoir on the NFMR, and Upper Bear River Reservoir and Lower Bear River Reservoir on Bear River. Water stored in Salt Springs Reservoir is diverted through Salt Springs Powerhouse Unit No.1, located immediately below Salt Springs Reservoir Dam. Upper and Lower Bear River reservoirs divert water from the Bear River drainage through a tunnel and penstock for use at Salt Springs Powerhouse Unit No. 2. Water is also diverted from upper Cole Creek into this tunnel, where the tunnel crosses under the creek.

The Tiger Creek Development is located below the Salt Springs Development on the NFMR. At Salt Springs Powerhouse tailrace, discharges from both units are made directly into the upper section of the Tiger Creek Canal and transported 17.8 miles to Tiger Creek Regulator Reservoir.


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Diversions on three small tributary streams–Cole Creek, Bear River, and Tiger Creek–feed additional water into Tiger Creek Canal along its course. From Tiger Creek Regulator, water is conveyed 2.5 miles in the lower section of Tiger Creek Canal to Tiger Creek Forebay and ultimately to Tiger Creek Powerhouse.

The West Point Development is located downstream from the Tiger Creek Development. The water discharged through Tiger Creek Powerhouse is returned to the NFMR and impounded in Tiger Creek Afterbay for diversion into the West Point Tunnel. Water diverted into this tunnel is conveyed 2.6 miles downstream to West Point Powerhouse.

The Electra Development receives flows from West Point Powerhouse Tailrace and water diverted by the Electra Diversion Dam. The Electra Diversion Dam is located on the NFMR immediately upstream of the West Point Powerhouse. The combined flows of the tailrace and diversion dam enter the Electra Tunnel for transport to the Electra Powerhouse Forebay (Lake Tabeaud). From Lake Tabeaud the water continues through the Electra Tunnel to Electra Powerhouse. Electra Powerhouse is located on the mainstem of the Mokelumne River 11.5 miles downstream of Electra Diversion Dam.

# 2.0 METHODS

## 2.1 Stream Water Temperature Monitoring

Stream water temperatures were monitored at fifteen locations throughout the monitoring period. Station locations and sampling schedule are presented in Table 1 and Figure 1. Water temperature monitoring stations were located throughout the Project-affected reaches to provide a data set that was representative of the entire watershed, using the following criteria: stream representativeness, accessibility, and the ability to conduct work safely.

Stream water temperatures were automatically measured *in situ* at 20-minute intervals using Vemco MiniLog12 TR continuous temperature recorders. The Minilog12 TR is a miniature microprocessor-controlled temperature logger that stores data in non-volatile memory. The MiniLog12 TR has a manufacturer's stated accuracy of 0.1°C between -5 and 40°C. Data were downloaded and stored to disk at monthly intervals.

Water temperature recorders were deployed inside a protective metal housing that was locked to the stream bank with a steel chain. At each station, the recorder was placed in the stream at a location that provided representative, homogeneous thermal conditions, accessibility, and acceptable security from vandalism or theft. Quality control calibrations were performed on each recorder in a laboratory setting prior to being deployed (Appendix E).

## 2.2 Reservoir Water Temperature Profiling

Water temperature profiles were collected monthly from May through October 2009 at three separate locations (LB1, LB2 and LB3) in the Lower Bear River Reservoir. No data were


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collected in Lower Bear River Reservoir during the month of April because of snow and access issues. Water temperature profiles were collected monthly from April through October 2009 at three separate locations (SS1, SS2 and SS3) in Salt Springs Reservoir. No data were collected at Salt Springs Reservoir in May due to dangerous weather conditions. Stations were located at historical sampling sites near the dam face and at points one-third and two-thirds the distance of the reservoir. The location of each station is displayed in Figure 1, and Table 2 lists the geographical coordinates.

Reservoir water temperatures and depth were measured and recorded at decimeter increments using an Idronaut Ocean Seven 304 CTD (CTD). The CTD is a microprocessor-controlled depth/temperature logger that stores data in non-volatile memory and has a manufacturer's stated response time of 0.05 seconds and an accuracy of 0.003°C between the ranges of -2 to 32°C. Data were downloaded and stored to disk after each profile. Quality control calibrations are performed on the CTD annually (Appendix E).

At all water temperature profile sites, a HydroLab multi-parameter water analyzer was used to measure *in situ* water temperature (±0.2°C), specific conductance (±1% of range), dissolved oxygen (DO) (±0.2 mg/L), pH (±0.2 unit), and turbidity (±5% of reading ± 1 NTU). Reports of DO values in the text of this report will be followed by the DO % saturation for that reading, in parentheses. Data were collected at three locations in the water column: just below the surface, near the thermocline or in the middle of the water column if no thermocline was present, and a few feet above the bottom. Quality control calibrations were performed as directed by the manufacture's specifications (Appendix E).

Reservoir water temperature profiles throughout the entire monitoring period were conducted according to the methods described above. Throughout the five-year monitoring period, some monthly profiles were not collected, especially in the spring, due to access issues to the reservoirs.

## 3.0 2009 ANNUAL WATER TEMPERATURE MONITORING RESULTS

### 3.1 2009 Annual Stream Water Temperature Monitoring

Daily average water temperatures are summarized by station and month in Table 3; this table provides the average, minimum, and maximum of the daily average water temperatures observed for each month at each station.

Detailed results are provided in the appendices. Daily minimum, average, and maximum water temperatures are plotted by station in Appendix A1. For an evaluation of the possible affects of air temperature and streamflow on water temperature, figures of daily average water temperature, daily average air temperature, and daily average streamflow are provided in Appendix A2. Streamflow graph traces included in Appendix A2 are plotted for reference only.

Hourly average water temperature recordings with daily average, minimum, and maximum water temperatures are listed by station for the entire monitoring period (Appendix B).


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**Station BC1.**

Water temperatures at Station BC1, located in Blue Creek immediately below Upper Blue Lake, increased from June through August, and then decreased through the end of the monitoring period (Figure A1-1). Hourly average water temperatures ranged from a low of 3.1°C in June 2009 to a high of 22.3°C in July 2009 (Appendix B).

Daily average water temperatures at Station BC1 ranged from a low of 3.4°C occurring in June to an average high of 20.8°C in July. There were three days in July during the water temperature monitoring study where the daily average water temperature was above the 20°C ERC coldwater temperature objective (Table 3).

The water temperatures at Station BC1 were influenced by increases in air temperatures in June, August and September as shown in Figure A2-1. Water quality data are shown in Appendix D2-1.

**Station BC2.**

Station BC2 is located in Blue Creek immediately below Lower Blue Lake. Water temperature increased rapidly from June through July and began to decrease in mid-August. Maximum temperatures were reached in August. The water temperatures decreased in late August and then leveled off through September at the conclusion of the water temperature monitoring study (Figure A1-2). Hourly average water temperatures ranged from a low of 3.6°C in June 2009 to a high of 18.9°C in August 2009 (Appendix B).

Daily average water temperatures at Station BC2 ranged from a low of 4.1°C in June to a high of 18.2°C in August. No daily average water temperatures were above the 20°C ERC coldwater temperature objective (Table 3). Water quality data are shown in Appendix D2-2.

**Station MC1.**

Station MC1 is located in Meadow Creek approximately 300 feet below Twin Lake. Water temperatures increased rapidly from June to late-July, before decreasing during August and September (Figure A1-3). Hourly average water temperatures ranged from a low of 4.6°C in June to a high of 21.4°C in July 2009 (Appendix B).

Daily average water temperatures at Station MC1 ranged from a low of 4.9°C in June to a high of 21.0°C in July. There were four days in July and two days in August when the daily average water temperature was above the 20°C ERC coldwater temperature objective (Table 3).

Changes in air temperatures caused seasonal increases and decreases in water temperatures at Station MC1 (Figure A2-3), but had little effect on the daily differences in minimum and maximum water temperature. Water quality data are shown in Appendix D2-3.


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**Station MC2.**

Station MC2 is located in Meadow Creek about 100 feet below Meadow Lake Dam. Water temperatures increased from June through August with maximum water temperatures occurring in August (Figure A1-4). Water temperatures began to slowly decrease through September. Hourly average water temperatures ranged from a low of 4.3°C in June 2009 to a high of 17.0°C in August 2009 (Appendix B).

Daily average water temperatures at Station MC2 ranged from a low of 4.5°C in June to a high of 16.9°C in August. Data from June 24 to July 19 and August 26 to September 28 was excluded due to logger malfunction. No daily average water temperature was above the 20°C ERC coldwater temperature objective (Table 3). Changes in air temperature caused seasonal increase and decreases on water temperature at station MC2 (Figure A2-4). Water quality data are shown in Appendix D2-4.

**Station NFMR1.**

Station NFMR1 is located in the NFMR approximately 1,000 feet upstream of the Salt Springs Reservoir high water level. Daily average water temperatures increased from April to July. Water temperatures began to decrease from late August through September at the conclusion of the water temperature monitoring period (Figure A1-5). Hourly mean water temperatures ranged from 2.5°C in April 2009 to 22.0°C in July 2009 (Appendix B).

Daily mean water temperatures ranged from a low of 4.1°C in April to a high of 20.5°C in August. No daily average water temperature was above the 20°C ERC coldwater temperature objective (Table 3).

Changes in air temperature had a more pronounced affect on water temperatures at the stations in the NFMR than was observed at stations at higher altitudes. The water temperature at NFMR1 changed on a daily basis with changes in air temperature (Figures A1-5 and A2-5). Water quality data are shown in Appendix D2-5.

**Station NFMR2.**

Water temperatures at Station NFMR2, located on the NFMR approximately 1,000 feet below Salt Springs Reservoir at Licensee Gage M-11, increased slightly from April through July, and then remained fairly constant for the remainder of the monitoring period (Figure A1-6). Hourly average water temperatures ranged from a low of 4.9°C in April to a high of 21.0°C in June (Appendix B).

Daily average water temperatures at Station NFMR2 ranged from a low of 6.3°C in April to a high of 12.3°C in June. No daily mean water temperatures were above the 20°C ERC coldwater temperature objective (Table 3). Water quality data are shown in Appendix D2-6.

Changes in air temperature and stream flow had little effect on the water temperatures recorded at Station NFMR2 due to the constant temperature of the water released from Salt Springs Reservoir (Figure A2-6).


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**Station CC0.**

Station CC0 is located in Cole Creek just below the Cole Creek Diversion Dam. The water temperature at CC0 generally increased through late-July and then began to gradually decrease through the end of September (Figure A1-7). Hourly mean water temperatures ranged from a low of 5.1°C in June 2009 to a high of 22.1°C in July 2009 (Appendix B).

Daily mean water temperatures at Station CC0 ranged from a low of 5.7°C in June to 19.7°C in July. Data from July 13-21 was excluded due to the logger being out of the water. No daily average water temperatures were above the 20°C ERC coldwater temperature objective during the monitoring period (Table 3).

Changes in water temperature are affected by changes in air temperature at Station CC0. The large difference in daily minimum and maximum water temperatures displays the large effect air temperature had on the water temperature at CC0 (Figures A1-7 and A2-7). Water quality data are shown in Appendix D2-7.

**Station CC1.**

Station CC1 is located in Cole Creek just upstream from Salt Springs Road, approximately 300 feet above the confluence with the NFMR. Water temperatures generally increased through August and decreased in September, at the end of the water temperature monitoring study (Figure A1-8). Hourly mean water temperatures ranged from a low of 2.3°C in April 2009 to a high of 19.6°C in July 2009 (Appendix B).

Daily average water temperatures at Station CC1 ranged from 3.3°C in April to 17.8°C in August. Data from July 5–20 has been excluded due to the logger being out of the water. No recorded daily average water temperatures were above the 20°C ERC coldwater temperature objective (Table 3).

Air temperature influenced both the seasonal and daily water temperatures at Station CC1 (Figures A1-8 and A2-8) as was observed with the fluctuation in water temperature in early May and late August and September in addition to the large differences between daily minimum and maximum water temperatures. Water quality data are shown in Appendix D2-8.

**Station BR1**.

Station BR1 is located in the Bear River below the Lower Bear Reservoir Dam at Licensee Gage M-49. Water temperatures at Station BR1 reached a brief high in mid-June and then remained relatively constant during the monitoring study (Figure A1-9). Hourly mean water temperatures ranged from a low of 5.9°C in August to a high of 15.8°C, also in August (Appendix B).

Daily average water temperatures at Station BR1 ranged from a low of 6.9°C in June to a high of 11.6°C, also in June. No daily average water temperatures were above the 20°C ERC coldwater temperature objective (Table 3).


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The seasonal increases in air temperatures had minimal affect on water temperatures at Station BR1. However, daily minimum and maximum water temperatures varied during June, July, August, and September in conjunction with warmer daily air temperatures (Figures A1-9 and A2-9). Water quality data are shown in Appendix D2-9.

**Station BR2**.

Station BR2 is located in the Bear River below Salt Springs Road at gage M-89. Water temperatures generally increased from April through August and then decreased gradually through September. Hourly average water temperatures ranged from a low of 2.0°C in April to a high of 19.1°C in September 2009 (Appendix B).

Daily average water temperatures at Station BR2 ranged from a low of 3.6°C in April to a high of 17.3°C in July. No daily average water temperatures were above the 20°C ERC coldwater temperature objective (Table 3).

Air temperature had a more pronounced seasonal affect on water temperatures at Station BR2 as observed in the gradual increase in water temperature starting in mid-May (Figure A2-10). Air temperature also influenced daily changes in water temperature at BR2 as observed with the large differences in daily minimum and maximum temperatures (Figure A1-10). Water quality data are shown in Appendix D2-10.

**Station NFMR3.**

NFMR3 is approximately 17.5 miles downstream from Salt Springs Reservoir near Licensee's stream gage M38. Major tributaries in this stream reach include Cole Creek, Moore Creek, Bear River, Camp Creek, Blue Creek, and Panther Creek. Stream water temperatures in the NFMR above the Tiger Creek Afterbay (Station NFMR3) were typically higher and more variable than those reported for Station NFMR2 below Salt Springs Reservoir. Water temperatures generally increased gradually from May through July. Water temperatures generally decreased for the remainder of the study period (Figure A1-11). Hourly mean water temperatures ranged from 4.9°C in April 2009 to 25.2°C in July 2009 (Appendix B).

Daily mean water temperatures at Station NFMR3 ranged from a low of 6.1°C in April to a high of 23.3°C in July. There were 33 days total in 2009 when the daily average water temperatures were above the 20°C ERC coldwater temperature objective, including two in June, 17 in July, and 15 in August (Table 3).

Water temperatures at NFMR3 are influenced by changes in air temperature (Figure A2-11). The gradual rise in water temperature from May through August coincides with the rise in air temperature during this period. Water quality data are shown in Appendix D2-11.

**Station TC1.**

Station TC1 is located in Tiger Creek directly below the Tiger Creek Regulator. Water temperatures increased gradually from April through mid-September (Figure A1-12). Hourly


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mean water temperatures ranged from a low of 5.0°C in April 2009 to a high of 15.1°C in June 2009 (Appendix B).

Daily mean water temperatures at Station TC1 ranged from 5.5°C in April to 13.9°C in June. No daily mean water temperatures were above the 20°C ERC coldwater temperature objective at Station TC1 (Table 3).

Water temperatures at TC1 did not display seasonal increases and decreases due to air temperatures as was seen at other monitoring stations within the Project. Water temperatures at TC1, instead, gradually increased through mid-September (Figure A2-12). Water quality data are shown in Appendix D2-12.

**Station NFMR4.**

Stream water temperatures at Station NFMR4, approximately 0.1 miles downstream of Tiger Creek varied from April through mid-June before remaining generally stable for the remainder of the monitoring period (Figure A1-13). Hourly mean water temperatures ranged from 5.9°C in April to 14.9 °C June (Appendix B).

Daily average water temperatures ranged from 6.1°C in April to 14.4°C in June. No daily average water temperatures were above the 20°C ERC coldwater temperature objective at Station NFMR4 (Table 3). Data from June 24 – July 15 was excluded due to the logger being out of the water.

Daily water temperatures at NFMR4 varied with changes in air temperature during April, May and June but air temperature had a minimal affect on water temperatures for the remainder of the monitoring period (Figure A2-13). Water quality data are shown in Appendix D2-13.

**Station NFMR5.**

Station NFMR5 is located in the diversion canal at the Electra Diversion approximately 3.5 miles downstream from Tiger Creek Afterbay. There are no major tributaries in this stream reach. Water varied from April through mid-June before remaining generally stable for the remainder of the monitoring period (Figures A1-14 and A2-14). Hourly mean water temperatures ranged from 6.2°C in April 2009 to 17.3°C in July 2009 (Appendix B).

Daily average water temperatures ranged from a low of 6.5°C in April to a high of 15.9°C in June. No measured daily average water temperatures were above the 20°C ERC coldwater temperature objective (Table 3).

Daily water temperatures at NFMR5 varied with changes in air temperature during April, May, and June but air temperature had a minimal affect on water temperatures for the remainder of the monitoring period (Figure A2-14). Water quality data are shown in Appendix D2-14.


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**Station MR1.**

Station MR1 is located in the Mokelumne River above Electra Powerhouse approximately 12 miles downstream from the Electra Diversion and 0.1 miles upstream of the Electra Powerhouse. The NFMR and the Middle and South Forks of the Mokelumne River join to form the Mokelumne River approximately 5.5 miles upstream of Station MR1. Water temperatures at Station MR1 were typically the highest recorded during the study. Water temperatures increased between April and late July, and generally decreased through September (Figure A1-15). Hourly average water temperatures ranged from a low of 7.4°C in April to a high of 25.9°C in July (Appendix B).

Daily average water temperatures ranged from a low of 8.5°C in April to a high of 24.2°C in July. Daily average water temperatures at station MR1 were above the 20°C ERC coldwater temperature objective for a total of 71 days, 28 in July, 31 in August, and 12 in September (Table 3).

Water temperatures at Station MR1 seem to be influenced by changes in air temperature (Figure A2-15) and by inflow from the Middle and South Forks of the Mokelumne River. Air temperature data is lacking after 5/12/09. It should be noted that the gaging station M46 used in Figure (A2-15) is only rated to 33 cfs; therefore, flows above 33 cfs should be considered estimates. Water quality data are shown in Appendix D2-15.

## 3.2 2009 Annual Reservoir Water Temperature Profiling

The results of the reservoir water temperature monitoring stations are presented in Appendix C. Monthly temperature profiles are plotted by station for the three sections in Salt Springs Reservoir and in Lower Bear River Reservoir. The *in situ* water quality data associated with the temperature profiles are presented in Appendix D. Reservoir temperature profile sampling was scheduled to occur monthly from April through October. However, snow at Lower Bear River Reservoir in April 2009, and inclement weather at Salt Springs Reservoir in May 2009, did not allow data to be safely collected.


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**Station SSR1.**

Surface water temperatures at Station SSR1, located on the Salt Springs Reservoir near the dam, ranged from 10.7°C in April 2009 to 23.6°C in July 2009 (Figure C1-1). Bottom water temperatures ranged from 6.3°C in April to 9.7°C in October. There was a pronounced thermocline at this station beginning in June that was present through September with a weaker thermocline evident in October. The rapid decrease in water temperature occurred at less than 9 meters below water surface (BWS) in June and approximately 16 meters BWS in October. A cold-water pool (water 10°C and below) at the bottom of the reservoir ranged in thickness from approximately 51 meters in April to approximately 8 meters in September. There was no profile taken in May due to unsafe weather conditions.

Dissolved oxygen (DO) concentrations at SSR1 were generally highest at the mid water depth over the sampling season (Appendix D1). The DO concentration ranged from a low of 5.6 mg/L (55% saturation) in July to a high of 10.4 mg/L (93.9% saturation) in April 2009. Specific conductance (SpC) readings were low; measurements ranged from 16.7 to 36.8 μS/cm. Turbidity readings ranged from a high reading of 1.4 NTU in July to a low of 0 NTU (± 5% of reading ± 1 NTU) in April and August.

**Station SSR2.**

Surface water temperatures at Station SSR2, located on the Salt Springs Reservoir one-third of the distance from the dam to the upstream end of the reservoir, ranged from 11.3°C in April to 24.0°C in July (Figure C1-2). Bottom water temperatures ranged from 6.4°C in April 2009 to 10.7°C in October. There was a thermocline at this station in June, August and September with a weaker thermocline present in October. The decrease in water temperature started at approximately 8 meters BWS in June, 11 meters BWS in August and approximately 16 meters BWS in September. There was a cold-water pool (water 10ºC and below) apparent in April (approximately 43 meters thick) through August (approximately 10 meters thick). There were no temperatures less than 10ºC in September or October. Additionally, no profile was taken in May due to unsafe weather conditions.

DO concentrations at SSR2 ranged from a low of 6.2 mg/L (77.1%) in September to a high of 10.7 mg/L (87.1%) in April (Appendix D2). SpC readings were low; measurements ranged from 16.8 to 27.8 μS/cm. Turbidity readings were less than 2.0 NTU for the duration of the study period.

**Station SSR3.**

Surface water temperatures at Station SSR3, located on the Salt Springs Reservoir two-thirds of the distance from the dam to the upstream end of the reservoir, ranged from 11.5°C in April to 24.3°C in July 2009 (Figure C1-3). Bottom water temperatures ranged from 6.5°C in April to 13.4°C in October 2009. A thermocline at this station was evident in August and September, with a weaker thermocline apparent in October. The decrease in water temperature below the thermocline started at approximately 10 meter BWS in August and approximately 15 meters


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BWS in September. There was a cold-water pool apparent from April (approximately 31 meters thick) through July (approximately 5 meters thick). There were no water temperatures recorded less than 10 ºC in August, September and October. Additionally, there was no profile taken in May due to weather conditions.

DO concentrations at SSR3 ranged from a high of 10.7 mg/L (88%) in April 2009 to a low of 6.0 mg/L (65%) in September (Appendix D3). SpC readings were low; measurements ranged from 16.8 to 27.3 μS/cm. Turbidity readings were generally equal or less than 5.0 NTU (± 5% of reading ± 1 NTU) for the duration of the study period, except for late June (13.4 NTU) and early August (28.2 NTU).

**Station LBR1.**

Surface water temperatures at Station LBR1, located on the Lower Bear River Reservoir near the dam, ranged from 14.2°C in October to 20.1°C in August 2009 (Figure C2-1). Bottom water ranged from a minimum of 5.8°C in May to a maximum of 6.8°C in June 2009. A pronounced thermocline existed at station LBR1 from July through October and moved progressively deeper throughout the water temperature monitoring study. In July, the thermocline was approximately 5 meters BWS and continued to move deeper to a maximum depth of 25 meters in October. A cold-water pool (10°C and under) at the bottom of the reservoir ranged in thickness from approximately 43 meters in May to approximately 17 meters in October. There was no profile taken in April due to access issues.

Dissolved oxygen (DO) concentrations at LB1 were generally highest at the mid-water depth over the monitoring study (Appendix D4). The highest DO concentration (10.5mg/L, 89.4%) occurred in April 2009, and the lowest (5.9 mg/L, 65.7%) occurred in October. SpC readings were low; measurements ranged from 10.3 to 12.2 μS/cm. Turbidity levels were also low remaining under 2.0 NTU (± 5% of reading ± 1 NTU) for the duration of the study.

**Station LBR2.**

Surface water temperatures at Station LBR2, located on the Lower Bear River Reservoir one-third of the distance from the dam to the upstream end of the reservoir, ranged from 14.3°C in October to 21.6°C in July 2009 (Figure C2-2). Bottom water temperatures ranged from 6.1°C in May 2009 to 13.9°C in September 2009. There was a thermocline present at this station in June, July and August. May, September and October had weak or no thermocline present. The thermocline was apparent approximately 5.5 meters BWS in June, approximately 4.6 meters BWS in July and approximately 9.5 meters in August. There was a coldwater pool (10°C and under) ranging from approximately 24 meters thick in May and approximately 5 meters thick in August. There were no water temperatures recorded less than 10°C in September or October. Additionally, no profile was taken in April due to access issues.

DO concentrations at LBR2 ranged from 11.2 mg/L (101.1%) in May to 5.7 mg/L (83.4%) in September (Appendix D5). SpC readings were low; measurements ranged from 10.1 to 12.1


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μS/cm. Turbidity levels generally below 2.0 NTU (± 5% of reading ± 1 NTU) except for late July (7.6 NTU) and late September (50.1 NTU).

**Station LBR3.**

Surface water temperatures at Station LBR3, located on the Lower Bear River Reservoir two-thirds of the distance from the dam to the upstream end of the reservoir, ranged from 14.4°C in October to 21.9°C in July 2009 (Figure C2-3). Bottom water temperatures ranged from 6.5°C in May to 18.2°C in September 2009. There was a weak thermocline at this station during June (approximately 3.5 meters BWS), July (approximately 2.4 meters BWS) and August (9 meters BWS) but otherwise was not well defined during the study period. A coldwater pool (10°C and below) at the bottom was observed in May (approximately 15 meters thick), June (approximately 12 meters thick), and July (approximately 6 meters thick). There were no temperatures recorded less than 10°C in August, September or October. No profile was taken in April due to access issues.

DO concentrations at LBR3 ranged from 10.2 mg/L (87.5%) in May to 7.4 mg/L (84.1%) in September (Appendix D6). SpC readings were low; measurements ranged from 10.2 to 12.3 μS/cm. Turbidity ranged from 0.0 NTU (± 5% of reading ± 1 NTU) to 6.3 NTU.

## 3.3 2009 Annual Report Summary

Daily average water temperatures in the NFMR below Salt Springs Reservoir Dam at Stations NFMR2, NFMR4, and NFMR5 did not exceed 20°C during the monitoring period. NFMR3 reported 33 total days above 20°C. NFMR1 above Salt Springs Reservoir reported two days above 20°C. No daily average water temperature was above 20°C at the higher elevation stations on Blue Creek, Meadow Creek, Cole Creek, or the Bear River with the exception of three days in both July and August at station BC1 and four days in July and 3 in August at station MC1.

Short duration gaps in water temperature data occurred at 4 monitoring locations (MC2, NFMR4, CC0 and CC1) due to logger malfunction or significantly reduced flows. The data gap at station MC2 occurs from June 24 to July 19 and again from August 26 to September 28. The data gap at station NFMR4 occurs from June 24 to July 15. The data gap at station CC0 occurs from July 13 to July 21 and the data gap at station CC1 occurs from July 5 to July 20, 2009. These short data gaps do not compromise the overall data analyses or conclusions reached over the course of the entire monitoring period.

Daily average water temperatures at the lowest altitude monitoring station (MR1) exceeded 20°C on 88 days throughout June, July, August, and September. Station MR1 is the lowest altitude water temperature monitoring station and was therefore subjected to the warmest air temperatures. The water at MR1 has also traveled the greatest distance, making it susceptible to heating due to solar radiation over the longest period of time. The NFMR and the Middle and South Forks of the Mokelumne River join to form the Mokelumne River approximately 5.5 miles upstream of Station MR1.


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Reservoir water temperature profiles were collected in Salt Springs Reservoir from April through October and in Lower Bear River Reservoir from May through October. Due to access issues caused by snow and ice, reservoir water temperature profiles were not collected in Lower Bear River reservoir in April. Inclement weather created unsafe boating conditions during the May sampling event at Salt Springs Reservoir prevented the safe collection of data.

# 4.0 FIVE YEAR WATER TEMPERATURE MONITORING RESULTS

## 4.1 Stream Water Temperature Monitoring

Site specific comparisons for each of the fifteen monitoring locations are provided below. Trends observed during the five year monitoring period are compared to the historical data (2000 – 2004) when available, specifically the number of days the daily average water temperature exceeded 20°C. Daily average water temperatures over the five year monitoring period are provided as graphs in Appendix F. The monthly average minimum, mean and maximum water temperatures are provided as tables in Appendix G. In addition, monthly average water temperatures are compared to monthly average air temperature and flow at each location in Appendix G. More detailed results for each monitoring year are available in the 2005 – 2009 Annual Water Temperature Program Monitoring reports. Examples of these annual data can be found in Appendices A and B for 2009 data.

**Station BC1.**

Average daily water temperatures at Station BC1 followed the same general trend over the five year monitoring period, with rapid warming during June and July and more gradual cooling during August and September (Figure F-1). There were a total of 8 days over the five years when the average water temperature exceeded the 20°C ERC cold water temperature objective; five in 2005, and three in 2009. The five days in 2005 were due to surface water being spilled into the stream channel while repairs were done on the release valve. There were a total of two days between 2000 and 2004, all occurring in 2002, where the average water temperature exceeded 20°C. In each instance, daily average temperatures never exceeded 20.8°C. In 2002 and 2009 when the cold water temperature objective was exceeded, the corresponding average daily air temperature recorded at CDEC station BLK recorded some of the warmest temperatures of the season.

The greatest range in monthly average temperatures over the five year period was 12.7°C, occurring in June (2.0°C to 14.7°C), while the smallest range was 1.6°C in September (13.9°C to 15.5°C). The lowest monthly average temperature during the five year monitoring was 2.0°C in June 2005 and the highest was 19.3°C in July 2007 (Table G-1).

Differences in water temperature at Station BC1 were likely influenced by snowpack variability, affecting runoff timing and intensity into Upper Blue Lake, along with air temperature variability. Flow from Upper Blue Lake appears to have less of an affect on water temperatures than the natural conditions, especially air temperature, observed during both the five year


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monitoring and historical monitoring periods. Differences in monthly average air temperature and flow can be seen in Table G-2.

**Station BC2.**

Average daily water temperatures at Station BC2 followed the same general trend over the five year monitoring period, with warming during June and July and more gradual cooling during August and September (Figure F-2). There were no days from 2001 to 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective.

The greatest range in monthly average temperatures over the five year period was 7.9°C, occurring in July (8.2°C to 16.1°C), while the smallest range was 4.0°C in September (12.0°C to 16.0°C). The lowest monthly average temperature during the five year monitoring was 2.5°C in June 2005 and the highest was 18.2°C in August 2008 (Table G-3).

Differences in water temperature at Station BC2 were likely influenced by snowpack variability, affecting runoff timing and intensity into Upper and Lower Blue Lakes, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-4.

**Station MC1.**

Average daily water temperatures at Station MC1 followed the same general trend over the five year monitoring period, with rapid warming during June and July and more gradual cooling during August and September (Figure F-3). There were a total of 12 days over the five years when the average water temperature was above the 20°C ERC coldwater temperature objective; two in 2006, three in 2008 and seven in 2009. In each instance, daily average temperatures never exceeded 21.0°C. When the cold water temperature objective was exceeded, the corresponding average daily air temperature recorded at CDEC station BLK recorded some of the warmest temperatures of the season. There were no days from 2000 to 2004 when the ERC coldwater temperature objective was exceeded.

The greatest range in monthly average temperatures over the five year period was 12.9°C, occurring in June (2.2°C to 15.1°C), while the smallest range was 0.8°C in August (17.5°C to 18.3°C). The lowest monthly average temperature during the five year monitoring was 2.2°C in June 2005 and the highest was 19.4°C in July 2008 (Table G-5).

Differences in water temperature at Station MC1 were likely influenced by snowpack variability, affecting runoff timing and intensity into Twin Lake, along with air temperature variability. Flow from Twin Lake appears to have less of an affect on water temperatures than the natural conditions, especially air temperature, observed during both the five year monitoring and historical monitoring periods. Differences in monthly average air temperature and flow can be seen in Table G-6.


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**Station MC2.**

Average daily water temperatures at Station MC2 followed the same general trend over the five year monitoring period, with gradual warming during June, July and August and cooling during September (Figure F-4). There were no days from 2001 to 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective.

The greatest range in monthly average temperatures over the five year period was 7.7°C, occurring in August (9.8°C to 17.5°C), while the smallest range was 3.5°C in September (12.0°C to 15.5°C). The lowest monthly average temperature during the five year monitoring was 3.0°C in June 2005 and the highest was 17.5°C in August 2007 (Table G-7).

Differences in water temperature at Station MC2 were likely influenced by snowpack variability, affecting runoff timing and intensity into Meadow and Twin Lakes, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-8.

**Station NFMR1.**

Average daily water temperatures at Station NFMR1 followed the same general trend over the five year monitoring period, with rapid warming during June and July and more gradual cooling during August and September (Figure F-5). There were no days over the five years when the average water temperature was above the 20°C ERC coldwater temperature objective. During the 2001 to 2004 monitoring period, there were several days each year when the average daily temperature exceeded 20°C and in each instance corresponded with a warming trend in local air temperature.

The greatest range in monthly average temperatures over the five year period was 6.7°C, occurring in August (17.3°C to 24.0°C), while the smallest range was 1.1°C in April (4.7°C to 5.8°C). The lowest monthly average temperature during the five year monitoring was 4.7°C in April 2005 and the highest was 24.0°C in August 2008 (Table G-9).

Temperatures at NFMR1 have not exceeded 20°C since 2004 and the full implementation of the new stream flow requirements, however, it is difficult to say for certain that Project operations are the main influence on stream temperatures at NFMR1. Additional influences include snowpack variability, which can affect runoff timing and intensity into the North Fork Mokelumne and its tributaries, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-10.

**Station NFMR2.**

Average daily water temperatures at Station NFMR2 followed the same general trend over the five year monitoring period, with gradual warming from April to September (Figure F-6). There were no days between 2000 and 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective.

The greatest range in monthly average temperatures over the five year period was 3.2°C, occurring in April (4.7°C to 7.9°C), while the smallest range was 0.8°C in June (8.8°C to 9.6°C).


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The lowest monthly average temperature during the five year monitoring was 4.7°C in April 2006 and the highest was 11.8°C in September 2009 (Table G-11).

Upstream releases from Salt Spring Reservoir low-level outlet explain why no daily average water temperatures exceeded 20°C during the monitoring period. Additional variations in average daily temperatures were likely influenced by air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-12.

**Station CC0.**

Average daily water temperatures at Station CC0 followed the same general trend over the five year monitoring period, with warming during June and early July and more gradual cooling during late July, August and September (Figure F-7). There was one day in 2006 and one day in 2003 when the average water temperature was above the 20°C ERC coldwater temperature objective. In both instances, the average daily air temperatures recorded at the local CDEC station were some of the warmest of the season.

The greatest range in monthly average temperatures over the five year period was 6.0°C, occurring in June (8.7°C to 14.7°C), while the smallest range was 1.0°C in August (16.0°C to 17.0°C). The lowest monthly average temperature during the five year monitoring was 8.7°C in June 2005 and the highest was 18.3°C in July 2007 (Table G-13).

Differences in water temperature at Station CC0 were likely influenced by snowpack variability and potential warming related to Cole Creek Diversion Dam operations, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-14.

**Station CC1.**

Average daily water temperatures at Station CC1 followed the same general trend over the five year monitoring period, with rapid warming during June and July and more gradual cooling during August and September (Figure F-8). There were no days from 2001 to 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective.

The greatest range in monthly average temperatures over the five year period was 5.5°C, occurring in June (9.0°C to 14.5°C), while the smallest range was 0.7°C in July (16.6°C to 17.3°C). The lowest monthly average temperature during the five year monitoring was 4.1°C in April 2006 and the highest was 17.3°C in July 2006 (Table G-15).

Differences in water temperature at Station CC1 were likely influenced by differences in runoff timing and intensity, along with air temperature variability. It appears that any potential affects from operations at Cole Creek Diversion do not influence conditions at CC1. Differences in monthly average air temperature and flow can be seen in Table G-16.

**Station BR1**.


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Average daily water temperatures at Station BR1 followed the same general trend over the five year monitoring period, with warming throughout the monitoring period (Figure F-9). There were no days from 2002 to 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective. Prior to 2005, spring spill events from Lower Bear River Reservoir raised water temperatures at BR1 because the surface water spilling had a greater influence on stream temperatures compared to the cold water from the low-level outlet. Even during these events, the ERC cold water objective was not exceeded.

The greatest range in monthly average temperatures over the five year period was 4.6°C, occurring in July (13.1°C to 17.7°C), while the smallest range was 1.3°C in April (5.0°C to 7.3°C). The lowest monthly average temperature during the five year monitoring was 5.0°C in April 2006 and the highest was 17.7°C in July 2005 (Table G-17).

Differences in water temperature at Station BR1 were influenced by upstream water temperatures in Lower Bear River Reservoir and associated releases into the Bear River, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-18.

**Station BR2**.

Average daily water temperatures at Station BR2 followed the same general trend over the five year monitoring period, with gradual warming from April through July and gradual cooling during August and September (Figure F-10). There were no days from 2001 to 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective.

The greatest range in monthly average temperatures over the five year period was 6.7°C, occurring in August (17.3°C to 24.0°C), while the smallest range was 1.1°C in April (4.7°C to 5.8°C). The lowest monthly average temperature during the five year monitoring was 4.7°C in April 2005 and the highest was 24.0°C in August 2008 (Table G-19).

Differences in water temperature at Station BR2 were influenced by upstream water temperatures in Lower Bear River Reservoir and associated releases into the Bear River, along with air temperature variability and additional runoff into. Differences in monthly average air temperature and flow can be seen in Table G-20.

**Station NFMR3.**

Average daily water temperatures at Station NFMR3 followed the same general trend over the five year monitoring period, with warming from April through July and more gradual cooling during August and September (Figure F-11). There were a total of 157 days over the five years when the average water temperature was above the 20°C ERC coldwater temperature objective; 67 in 2007, 57 in 2008 and 33 in 2009. There were no days in 2005 or 2006 that exceeded the coldwater objective due to above average summer baseflows compared to 2007 through 2009. An above normal in 2005 and wet water year in 2006, provided higher baseflows and PG&E made the operational decision to maintain those higher flows throughout the summer. The 2000


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through 2004 monitoring results show a similar amount of days above 20°C and a similar trend in baseflow at Gage M-38.

The greatest range in monthly average temperatures over the five year period was 8.1°C, occurring in July (14.3°C to 22.4°C), while the smallest range was 3.1°C in April (6.8°C to 9.9°C). The lowest monthly average temperature during the five year monitoring was 6.8°C in April 2006 and the highest was 22.4°C in July 2007 (Table G-21).

Differences in water temperature at Station NFMR3 were influenced by differences in baseflows at Gage M-38. Additional runoff timing and intensity between Salt Springs Reservoir and Flow Gage M-38, along with air temperature variability provide other sources of variation in average temperatures from year to year. Differences in monthly average air temperature and flow can be seen in Table G-22.

**Station TC1.**

Average daily water temperatures at Station TC1 followed the same general trend over the five year monitoring period, with gradual warming from April through September (Figure F-12). There were no days from 2001 to 2009 when the average water temperature was above the 20°C ERC coldwater temperature objective.

The greatest range in monthly average temperatures over the five year period was 3.4°C, occurring in June (8.2°C to 11.6°C), while the smallest range was 0.3°C in July (9.8°C to 10.1°C). The lowest monthly average temperature during the five year monitoring was 5.4°C in April 2006 and the highest was 13.3°C in September 2007 (Table G-23).

Differences in water temperature at Station TC1 were likely influenced by Tiger Creek Regulator Dam operations however these operations never caused water temperatures to exceed the ERC coldwater objective during the monitoring period. Additional variations are likely due to air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-24.

**Station NFMR4.**

Average daily water temperatures at Station NFMR4 followed the same general trend over the five year monitoring period, with gradual warming from April through September (Figure F-13). While there is no coldwater objective for this reach, it should be noted that there were no days from 2000 to 2009 when the average water temperature was above 20°C.

The greatest range in monthly average temperatures over the five year period was 4.1°C, occurring in May (8.43°C to 12.5°C), while the smallest range was 1.6°C in September (13.9°C to 15.5°C). The lowest monthly average temperature during the five year monitoring was 7.0°C in April 2006 and the highest was 15.8°C in July 2007 (Table G-25).

Differences in water temperature at Station NFMR4 were likely influence by water temperatures and operations at Tiger Creek Afterbay, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-26.


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**Station NFMR5.**

Average daily water temperatures at Station NFMR5 followed the same general trend over the five year monitoring period, with gradual warming from April through July and slight cooling during August and September (Figure F-14). While there is no coldwater objective for this reach, it should be noted that there were no days from 2000 to 2009 when the average water temperature was above 20°C.

The greatest range in monthly average temperatures over the five year period was 4.3°C, occurring in May (8.7°C to 13.0°C), while the smallest range was 1.6°C in September (13.9°C to 15.5°C). The lowest monthly average temperature during the five year monitoring was 7.0°C in April 2006 and the highest was 15.8°C in July 2007 (Table G-27).

Differences in water temperature at Station NFMR5 were likely influenced by upstream releases from Tiger Creek Afterbay and general warming in the stream reach, along with air temperature variability. Differences in monthly average air temperature and flow can be seen in Table G-28.

**Station MR1.**

Average daily water temperatures at Station MR1 followed the same general trend over the five year monitoring period, with warming from April through July and more gradual cooling during August and September (Figure F-15). While there is no coldwater objective for this reach, there were a total of 377 days over the five years when the average water temperature was above 20°C; 51 in 2005, 53 in 2006, 94 in 2007, 91 in 2008 and 88 in 2009. There were also a number of days each year between 2000 and 2004 when daily average temperatures exceeded 20°C.

The greatest range in monthly average temperatures over the five year period was 8.2°C, occurring in June (12.3°C to 20.5°C), while the smallest range was 2.0°C in September (18.4°C to 20.4°C). The lowest monthly average temperature during the five year monitoring was 9.5°C in April 2005 and the highest was 24.4°C in July 2008 (Table G-29).

Differences in water temperature at Station MR1 were influenced by differences in upstream water temperature and flow from the North Fork, Middle Fork and South Fork Mokelumne Rivers, along with air temperature variability and natural warming in the stream reach. It is difficult to assess the Project affects in this reach because of the inflows from the Middle Fork and South Fork Mokelumne, however it should be noted that temperatures in the next upstream Project reach (NFMR5) never exceeded 20°C. Differences in monthly average air temperature and flow can be seen in Table G-30.

## 4.2 Reservoir Water Temperature Profiling

Monthly temperature profiles for the five year period are plotted by station for Salt Springs Reservoir and Lower Bear River Reservoir in Appendix H. Appendix I provides monthly comparisons of the minimum and maximum temperatures recorded at each station during the five year period. Reservoir temperature profile sampling was scheduled to occur monthly from


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April through October, however, equipment malfunctions, site access and inclement weather sometimes prevented sampling.

Surface water temperatures were affected by air temperature, wind speed and solar heating at the time of the profiles, while bottom temperatures were influenced by each year's snowmelt timing and intensity as well as reservoir operations.

The complete data set and more detailed discussions regarding reservoir profiles are presented in the 2005 – 2009 Annual Reports. In addition, *in situ* water quality data associated with the temperature profiles are included in the annual reports as well as more detailed analysis in the Water Quality Program Monitoring reports. As an example, these data are included for 2009 in Appendices C and D. Specific comparisons for data collected during the five-year monitoring period at each of the sampling locations for Salt Springs and Lower Bear River Reservoirs are included below.

**Station SSR1.**

In general, the water temperature profiles collected during the five year monitoring period were consistent from year to year. The greatest variations occurred either early or late in the monitoring season depending on when the reservoir fully stratified or began mixing. Profiles taken in June – August at SSR1 showed strong thermoclines, beginning at similar depths from the surface. The five year sampling also consistently showed a cold water pool of less than 10°C.

The minimum water temperature recorded during the monitoring period was 5.4°C near the bottom in May 2005 and the maximum was 23.7°C near the surface in July 2009. Average recorded monthly temperatures near the bottom ranged from 5.6°C in May to 9.4°C in October. The greatest difference in recorded temperatures at the bottom was 1.7°C in April and June. Average surface temperatures ranged from 8.9°C in May to 23.3°C in July. The greatest difference in recorded temperatures at the surface was 7.6°C in June and was likely affected by local air temperatures and weather at the time of the sampling events.

**Station SSR2.**

In general, the water temperature profiles collected during the five year monitoring period were consistent from year to year. The greatest variations occurred either early or late in the monitoring season depending on when the reservoir fully stratified or began mixing. Profiles taken from June – August at SSR2 showed strong thermoclines, beginning at similar depths from the surface. The five year sampling showed a cold water pool of less than 10°C during most sampling events, but it was dependent on reservoir elevation at the time of sampling.

The minimum water temperature recorded during the monitoring period was 5.5°C near the bottom in May 2005 and the maximum was 24.0°C near the surface in July 2009. Average recorded monthly temperatures near the bottom ranged from 6.5°C in May to 11.9°C in October. The greatest difference in recorded temperatures at the bottom was 2.7°C in May. Average surface temperatures ranged from 9.9°C in April to 23.6°C in July. The greatest difference in


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recorded temperatures at the surface was 7.7°C in October and was likely affected by local air temperatures and weather at the time of the sampling events.

**Station SSR3.**

In general, the water temperature profiles collected during the five year monitoring period were consistent from year to year. The greatest variations occurred either early or late in the monitoring season depending on when the reservoir fully stratified or began mixing. Temperatures also varied based on reservoir elevations, particularly at SSR3, the most upstream and most shallow sampling location.

The minimum water temperature recorded during the monitoring period was 4.0°C near the bottom in April 2008 and the maximum was 24.4°C near the surface in August 2005. Average recorded monthly temperatures near the bottom ranged from 5.9°C in April to 13.5°C in October. The greatest difference in recorded temperatures at the bottom was 9.0°C in August. Average surface temperatures ranged from 9.6°C in April to 23.6°C in July. The greatest difference in recorded temperatures at the surface was 6.6°C in June and was likely affected by local air temperatures and weather at the time of the sampling events.

**Station LBR1.**

In general, the water temperature profiles collected during the five year monitoring period were consistent from year to year. The greatest variations occurred either early or late in the monitoring season depending on when the reservoir fully stratified or began mixing. Profiles taken from June – August at LBR1 showed distinct thermoclines, beginning at similar depths from the surface. The five year sampling also consistently showed a cold water pool of less than 10°C.

The minimum water temperature recorded during the monitoring period was 4.6°C near the bottom in May 2005 and the maximum was 22.7°C near the surface in July 2005. Average recorded monthly temperatures near the bottom ranged from 5.2°C in May to 6.3°C in September. The greatest difference in recorded temperatures at the bottom was 1.8°C in June. Average surface temperatures ranged from 13.3°C in May to 21.5°C in July. The greatest difference in recorded temperatures at the surface was 6.5°C in May and was likely affected by local air temperatures and weather at the time of the sampling events.


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**Station LBR2.**

In general, the water temperature profiles collected during the five year monitoring period were consistent from year to year. The greatest variations occurred either early or late in the monitoring season depending on when the reservoir fully stratified or began mixing. Profiles taken at LBR2 consistently showed thermoclines, beginning at similar depths from the surface. The five year sampling also consistently showed a cold water pool of less than 10°C.

The minimum water temperature recorded during the monitoring period was 4.7°C near the bottom in May 2005, and the maximum was 22.8°C near the surface in August 2005. Average recorded monthly temperatures near the bottom ranged from 5.7°C in May to 13.8°C in October. The greatest difference in recorded temperatures at the bottom was 8.6°C in August and was affected by the timing of reservoir turnover. Average surface temperatures ranged from 14.0°C in October to 21.9°C in July. The greatest difference in recorded temperatures at the surface was 6.1°C in June and was likely affected by local air temperatures and weather at the time of the sampling events.

**Station LBR3.**

In general, the water temperature profiles collected during the five year monitoring period were consistent from year to year. The greatest variations occurred either early or late in the monitoring season depending on when the reservoir fully stratified or began mixing. Profiles taken at LBR3 showed some stratification, however it was not as pronounced as other stations in the reservoir. Stratification and the presence of a cold water pool less than 10°C was influenced by the depth of water at LBR3, the shallowest of sampling points in Lower Bear River reservoir.

The minimum water temperature recorded during the monitoring period was 4.5°C near the bottom in June 2005 and the maximum was 23.7°C near the surface in July 2005. Average recorded monthly temperatures near the bottom ranged from 6.2°C in May to 17.3°C in September. The greatest difference in recorded temperatures at the bottom was 10.1°C in August. Average surface temperatures ranged from 14.3°C in October to 22.5°C in July. The greatest difference in recorded temperatures at the surface was 6.1°C in June and was likely affected by local air temperatures and weather at the time of the sampling events.

## 4.3 Five Year Report Summary

**Stream Temperature Monitoring.**

During the five year monitoring period, the water temperatures within the Project-affected stream reaches systematically increased from the time of logger installation in April or June through July, before beginning to decline in August and September. This temperature trend is consistent with the Mediterranean climate patterns of inland northern California. On a daily scale, monitoring locations showed a widely varying amount of diurnal influence. Diurnal variance was increasingly evident in locations with lower flows and/or increasing distance from reservoir outlets. In addition, the trends in the water temperature data tended to closely follow


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trends seen in daily mean air temperatures observed regionally; this trend was also stronger at those locations with lower flows or increased distance from reservoir outlets as water temperatures began to approach equilibrium with the surrounding environment.

Monitoring locations directly downstream of Project facilities did not necessarily follow these trends. These locations exhibited less daily fluctuations in temperature and were not correlated as closely to air temperatures in the area. However, water temperatures were affected by changes in flow releases from the nearby upstream facilities. In addition, water temperatures at monitoring locations downstream of Project reservoirs tended to increase as water temperatures in the reservoir increased.

Five of the fifteen monitoring stations had at least one day during the five year period when the average daily stream temperature exceeded 20°C. Three high elevation stations; BC1 (8 days), MC1 (12 days) and CC0 (1 day) experienced a limited number of days above the ERC 20°C coldwater objective which appear to have been caused by warm local air temperatures. In addition, warming in the pools upstream of these sites; Upper Blue Lake, Twin Lake and Cole Creek Diversion respectively, may have influenced temperatures to exceed the ERC coldwater objective. Station MR1, on the main stem Mokelumne River experienced many days over 20°C which was expected due to local air temperatures, low elevation and inflows from the Middle and South Fork Mokelumne Rivers. Station NFMR3 also experienced several days over 20°C from 2007 to 2009 due to warmer air temperatures and less available flow. In 2005 and 2006, the wetter water years allowed for more flow to be released and kept temperatures below 20°C; however, these wetter conditions are not always available to allow for additional flow releases.

**Reservoir Temperature Monitoring.**

During the five year monitoring period the water temperatures within the two Project reservoirs, Salt Springs and Lower Bear were consistent with the typical conditions expected in reservoirs at higher elevations. These data were also consistent with profiles taken from 2000 to 2004. Water temperatures recorded near the bottom of the reservoirs were the most consistent from year to year especially during periods when the water column was stratified. Differences in water temperatures near the bottom occurred later in the season depending on the timing of reservoir turn over. Surface water temperatures varied from year to year but differences were related more to local air temperatures and weather patterns than to reservoir effects. Salt Springs and Lower Bear River reservoirs each had stratified water columns throughout the monitoring period, shown by the presence of thermoclines. This stratification was strongest at the sampling locations near the dam and was also seen at the one-third upstream sampling location. The two-third upstream sampling location showed the most variation and sometimes showed a mixed water column even if the other sampling locations were still stratified.


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## 5.0 REFERENCES

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# TABLES


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**Table 1. Mokelumne River Project, Continuous Stream Water Temperature Monitoring Station Locations, 2009.**

| Station No. | Station Location | Latitude | Longitude | Monitoring Period [e] |
|---|---|---|---|---|
| BC1[a] | Blue Creek below Upper Blue Lake Dam | 38º 37’ 39.850” | 119º 56’ 22.635” | 6/1/09 – 9/30/09 |
| BC2 [a] | Blue Creek below Lower Blue Lake Dam | 38º 36’ 28.459” | 119º 55’ 37.651” | 6/1/09 – 9/30/09 |
| MC1[a] | Meadow Creek below Twin Lake Dam | 38º 36’ 34.167” | 119º 56’ 41.580” | 6/1/09 – 9/30/09 |
| MC2[a] | Meadow Creek below Meadow Lake Dam | 38º 35’ 57.795” | 119º 58’ 33.683” | 6/1/09 – 9/30/09 |
| NFMR1[b] | NFMR above Salt Springs Reservoir | 38º 29’ 52.983” | 120º 08’ 26.815” | 4/1/09 – 9/30/09 |
| NFMR2[a] | NFMR below Salt Springs Reservoir Dam | 38º 29’ 47.971” | 120º 13’ 05.578” | 4/1/09 – 9/30/09 |
| CC0[a] | Cole Creek below Diversion Dam | 38° 30’ 55.895” | 120° 12’ 57.215” | 6/1/09 – 9/30/09 |
| CC1[c] | Cole Creek above confluence of NFMR | 38º 29’ 13.209” | 120º 14’ 25.626” | 4/1/09 – 9/30/09 |
| BR1[a] | Bear River below Dam | 38° 32’ 14.640” | 120° 15’ 25.200” | 6/1/09 – 9/30/09 |
| BR2 [c] | Bear River at Salt Springs Road | 38º 29’ 35.565” | 120º 17’ 21.275” | 4/1/09 – 9/30/09 |
| NFMR3[b] | NFMR above Tiger Creek Afterbay at Licensee Gage M-38 [d] | 38º 26’ 47.859” | 120º 29’ 25.940” | 4/1/09 – 9/30/09 |
| TC1[a] | Tiger Creek below Tiger Creek Regulator Dam | 38º 28’ 30.144” | 120º 27’ 11.484” | 4/1/09 – 9/30/09 |
| NFMR4[b] | NFMR below Tiger Creek Afterbay Dam | 38º 26’ 19.529” | 120º 30’ 21.070” | 4/1/09 – 9/30/09 |
| NFMR5[b] | NFMR in diversion canal at Electra Diversion Dam | 38º 25’ 14.759” | 120º 32’ 56.495” | 4/1/09 – 9/30/09 |
| MR1[b] | Mokelumne River above Electra Powerhouse | 38° 19’ 53.130” | 120° 40’ 05.765” | 4/1/09 – 9/30/09 |

a) Compliance point used to determine compliance with the Water Temperature Criterion described in Condition 11 of the Project License 10/11/01.

b) Continuous monitoring station used to determine compliance with the Temperature Objective described in the Project Relicensing Settlement Agreement, Appendix B and Condition 11 of the Project License 10/11/01.

c) Additional continuous monitoring station by verbal agreement with the ERC.

d) Data reported for this station was recorded using a Vemco Minilog temperature recorder that has higher precision than the instantaneous telemetered temperature system.

e) Monitoring period described in the Water Temperature Monitoring Study Plan and Condition 11 of the Project License 10/11/01. Continuous monitoring at each station with data collected at 20-minute intervals.


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**Table 2. Mokelumne River Project, Salt Springs Reservoir and Lower Bear River Reservoir Water Temperature Profile Station Locations, 2009.**

| Station No. | Station Location[1] | Latitude | Longitude | Monitoring Period[2] |
|---|---|---|---|---|
| SS1 | Salt Springs Reservoir near dam face | 38º 29’ 58.123” | 120º 12’ 48.227” | April – October |
| SS2 | Salt Springs Reservoir 1/3 distance to upstream end | 38º 29’ 53.459” | 120º 11’ 42.912” | April – October |
| SS3 | Salt Springs Reservoir 2/3 distance to upstream end | 38º 29’ 44.768” | 120º 10’ 25.908” | April – October |
| LB1 | Lower Bear River Reservoir near dam face | 38º 32’ 21.878” | 120º 15’ 09.718” | April – October |
| LB2 | Lower Bear River Reservoir 1/3 distance to upstream end | 38º 32’ 26.544” | 120º 14’ 27.867” | April – October |
| LB3 | Lower Bear River Reservoir 2/3 distance to upstream end | 38º 32’ 47.854” | 120º 13’ 49.969” | April – October |

1 Vertical profiles were taken at deepest part of reservoir cross-section at each station location.

2 Monitoring period described in the Water Temperature Monitoring Study Plan and Condition 11 of the Project License 10/11/01, weather and accessibility permitting.


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**Table 3. Mokelumne River Project, Monthly Average, Minimum, and Maximum Daily Average Water Temperatures and, Number of Daily Average Water Temperatures Above and Below 20ºC by Station and Month by Station and Month, 2009.**

| Station | | Month | Daily Average Water Temperature (°C) | | | | |
|---|---|---|---|---|---|---|---|
| | | | Average | Minimum | Maximum | Days Above 20°C | Days Below 20°C |
| Blue Creek below Upper Blue Lake | BC1 | June | 8.7 | 3.4 | 15.6 | 0 | 30 |
| | | July | 18.0 | 15.8 | 20.8 | 3 | 28 |
| | | August | 17.7 | 16.5 | 20.2 | 0 | 31 |
| | | September | 15.5 | 12.5 | 16.8 | 0 | 30 |
| Blue Creek below Lower Blue Lake | BC2 | June | 5.1 | 4.1 | 7.0 | 0 | 30 |
| | | July | 12.2 | 7.1 | 16.7 | 0 | 31 |
| | | August | 17.5 | 17.0 | 18.2 | 0 | 31 |
| | | September | 16.0 | 13.9 | 17.2 | 0 | 30 |
| Meadow Creek below Twin Lake | MC1 | June | 10.4 | 4.9 | 16.2 | 0 | 30 |
| | | July | 18.5 | 16.3 | 21.0 | 4 | 27 |
| | | August | 18.0 | 16.8 | 20.9 | 2 | 29 |
| | | September | 15.7 | 12.9 | 16.8 | 0 | 30 |
| Meadow Creek below Meadow Lake | MC2 | June | 5.3 | 4.5 | 5.9 | 0 | 22 |
| | | July | 9.9 | 8.9 | 11.0 | 0 | 12 |
| | | August | 15.3 | 11.8 | 16.9 | 0 | 24 |
| | | September | 12.0 | 11.7 | 12.2 | 0 | 2 |
| NFMR above Salt Springs Reservoir | NFMR1 | Apri | 5.3 | 4.1 | 6.5 | 0 | 8 |
| | | May | 7.1 | 4.6 | 9.4 | 0 | 31 |
| | | June | 11.3 | 6.8 | 15.6 | 0 | 30 |
| | | July | 17.5 | 14.6 | 20.5 | 0 | 30 |
| | | August | 17.8 | 15.1 | 19.5 | 0 | 31 |
| | | September | 16.3 | 12.0 | 18.1 | 0 | 30 |
| NFMR below Salt Springs Reservoir at Gage M-11 | NFMR2 | April | 6.8 | 6.3 | 7.2 | 0 | 30 |
| | | May | 7.3 | 7.0 | 7.9 | 0 | 31 |
| | | June | 8.8 | 7.8 | 12.3 | 0 | 30 |
| | | July | 10.7 | 9.7 | 11.3 | 0 | 31 |
| | | August | 11.6 | 10.9 | 12.0 | 0 | 31 |
| | | September | 11.8 | 11.0 | 12.1 | 0 | 30 |
| Cole Creek below Project Diversion | CC0 | June | 11.5 | 5.7 | 17.7 | 0 | 30 |
| | | July | 17.4 | 15.1 | 19.7 | 0 | 21 |
| | | August | 16.3 | 14.2 | 19.0 | 0 | 30 |


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| Station | | Month | Daily Average Water Temperature (°C) | | | | |
|---|---|---|---|---|---|---|---|
| | | | Average | Minimum | Maximum | Days Above 20°C | Days Below 20°C |
| | | September | 14.6 | 10.9 | 16.1 | 0 | 30 |
| Cole Creek above the confluence with the NFMR | CC1 | April | 5.8 | 3.3 | 7.6 | 0 | 30 |
| | | May | 8.3 | 4.6 | 11.2 | 0 | 31 |
| | | June | 12.7 | 8.4 | 16.7 | 0 | 30 |
| | | July | 16.9 | 15.9 | 17.8 | 0 | 15 |
| | | August | 16.4 | 15.1 | 17.3 | 0 | 31 |
| | | September | 15.8 | 12.8 | 16.8 | 0 | 30 |
| Bear River below Lower Bear River Reservoir at Gage M-49 | BR1 | June | 9.2 | 6.9 | 11.6 | 0 | 30 |
| | | July | 8.7 | 7.7 | 9.3 | 0 | 31 |
| | | August | 8.9 | 7.9 | 9.6 | 0 | 31 |
| | | September | 9.8 | 9.1 | 10.3 | 0 | 30 |

**Table 3. Mokelumne River Project, Monthly Average, Minimum, and Maximum Daily Average Water Temperatures and, Number of Daily Average Water Temperatures Above and Below 20ºC by Station and Month by Station and Month, 2009.**

| Station | | Month | Daily Average Water Temperature (°C) | | | | |
|---|---|---|---|---|---|---|---|
| | | | Average | Minimum | Maximum | Days Above 20°C | Days Below 20°C |
| Bear River below Salt Springs Road | BR2 | April | 6.3 | 3.6 | 8.7 | 0 | 30 |
| | | May | 8.9 | 7.0 | 11.7 | 0 | 31 |
| | | June | 12.3 | 8.6 | 14.5 | 0 | 30 |
| | | July | 15.3 | 13.0 | 17.3 | 0 | 31 |
| | | August | 15.3 | 13.3 | 16.7 | 0 | 31 |
| | | September | 14.8 | 10.8 | 16.1 | 0 | 30 |
| NFMR above Tiger Creek Afterbay at Gage M-38 | NFMR3 | April | 8.5 | 6.1 | 11.4 | 0 | 30 |
| | | May | 9.4 | 7.3 | 10.6 | 0 | 31 |
| | | June | 12.7 | 9.2 | 17.3 | 0 | 30 |
| | | July | 20.8 | 16.2 | 23.2 | 17 | 14 |
| | | August | 20.3 | 18.1 | 22.2 | 15 | 16 |
| | | September | 17.3 | 12.4 | 19.9 | 0 | 30 |
| Tige Creek below Tiger Creek Regulator Dam | TC1 | April | 6.3 | 5.5 | 7.1 | 0 | 30 |
| | | May | 7.8 | 6.1 | 9.0 | 0 | 31 |
| | | June | 11.6 | 9.2 | 13.9 | 0 | 30 |
| | | July | 10.1 | 9.5 | 10.4 | 0 | 31 |
| | | August | 11.0 | 10.3 | 11.5 | 0 | 31 |


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| Station | | Month | Daily Average Water Temperature (°C) | | | | |
|---|---|---|---|---|---|---|---|
| | | | Average | Minimum | Maximum | Days Above 20°C | Days Below 20°C |
| | | September | 11.8 | 11.3 | 12.2 | 0 | 27 |
| NFMR below Tiger Creek Afterbay | NFMR4 | April | 7.8 | 6.1 | 9.9 | 0 | 30 |
| | | May | 9.4 | 7.4 | 10.8 | 0 | 31 |
| | | June | 11.9 | 9.4 | 14.4 | 0 | 23 |
| | | July | 12.6 | 12.1 | 12.9 | 0 | 16 |
| | | August | 12.5 | 11.8 | 13.0 | 0 | 31 |
| | | September | 13.1 | 12.2 | 13.4 | 0 | 30 |
| NFMR at the Electra Diversion Dam | NFMR5 | April | 8.3 | 6.5 | 10.5 | 0 | 30 |
| | | May | 9.7 | 7.6 | 11.2 | 0 | 31 |
| | | June | 12.8 | 9.6 | 15.0 | 0 | 30 |
| | | July | 14.9 | 13.7 | 15.8 | 0 | 31 |
| | | August | 15.2 | 14.5 | 15.8 | 0 | 31 |
| | | September | 14.8 | 13.0 | 15.6 | 0 | 30 |
| Mokelumne River above Electra Powerhouse at Gage M-46 | MR1 | April | 10.8 | 8.5 | 14.5 | 0 | 30 |
| | | May | 11.9 | 9.5 | 13.9 | 0 | 31 |
| | | June | 16.5 | 12.4 | 19.8 | 0 | 30 |
| | | July | 22.3 | 18.9 | 24.3 | 28 | 3 |
| | | August | 22.4 | 20.9 | 23.7 | 31 | 0 |
| | | September | 20.2 | 16.1 | 22.3 | 12 | 18 |


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# FIGURES


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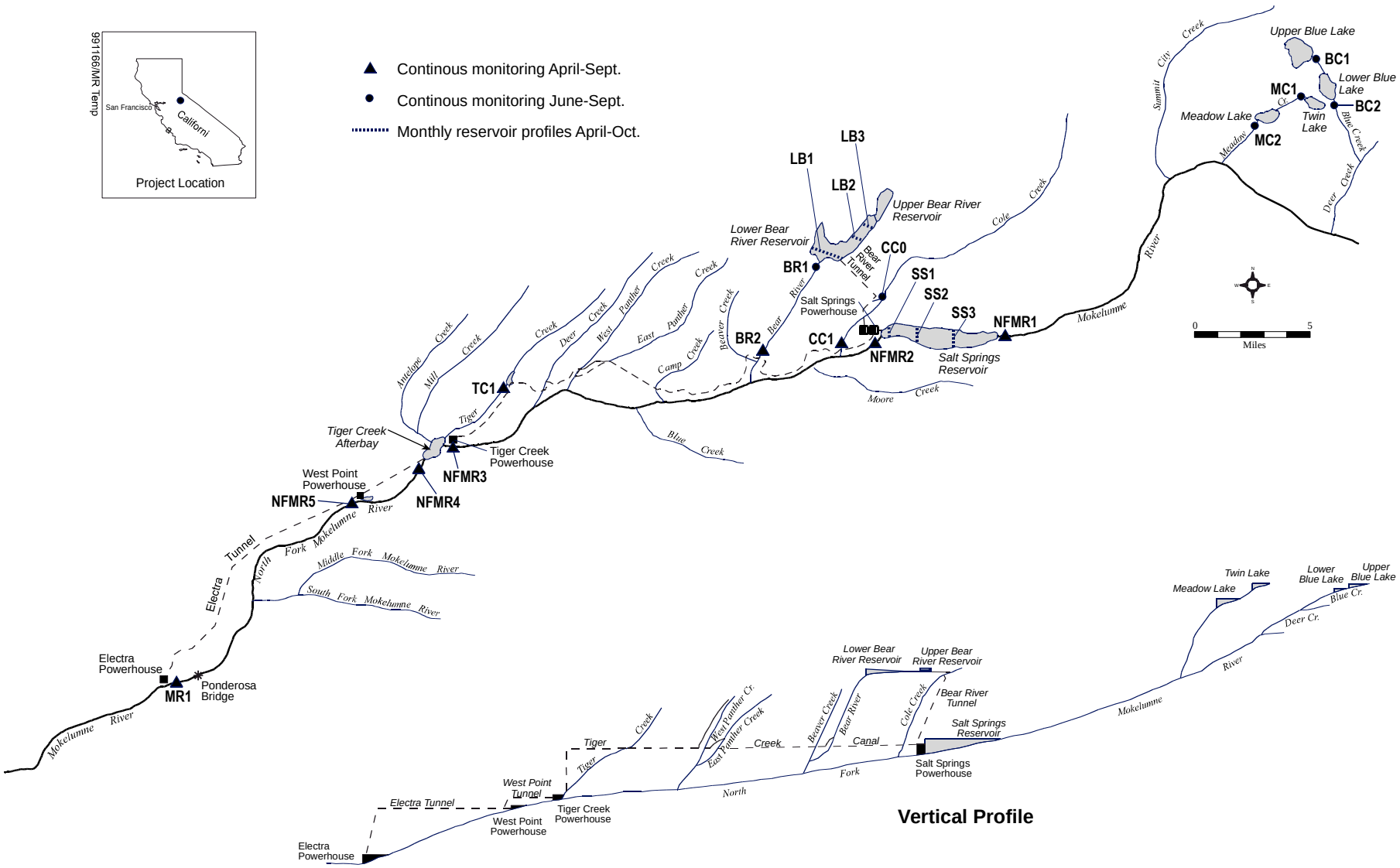


**Figure 1. Mokelumne River Project, Stream and Reservoir Water Temperature Monitoring Stations, 2009.**


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**Appendix A**

Water Temperature Figures, 2009

**Figure A1-1**
**Station BC1 - Blue Creek below Upper Blue Lake**
**Minimum, Average, and Maximum Water Temperature (C°)**

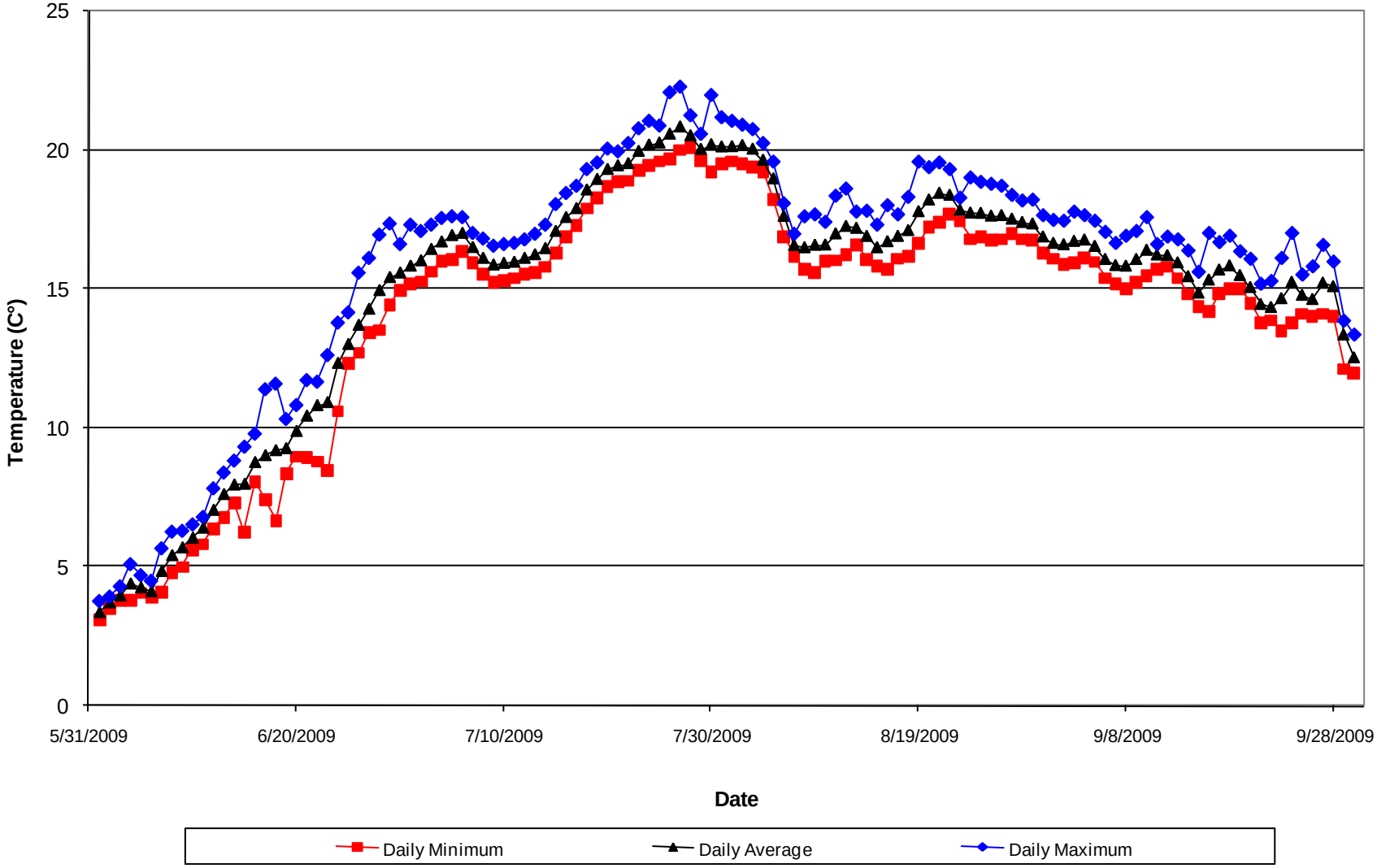


**Figure A2-1**
**Station BC1 - Blue Creek below Upper Blue Lake**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station BLK, Flow Data M66 (data are provisonal)**

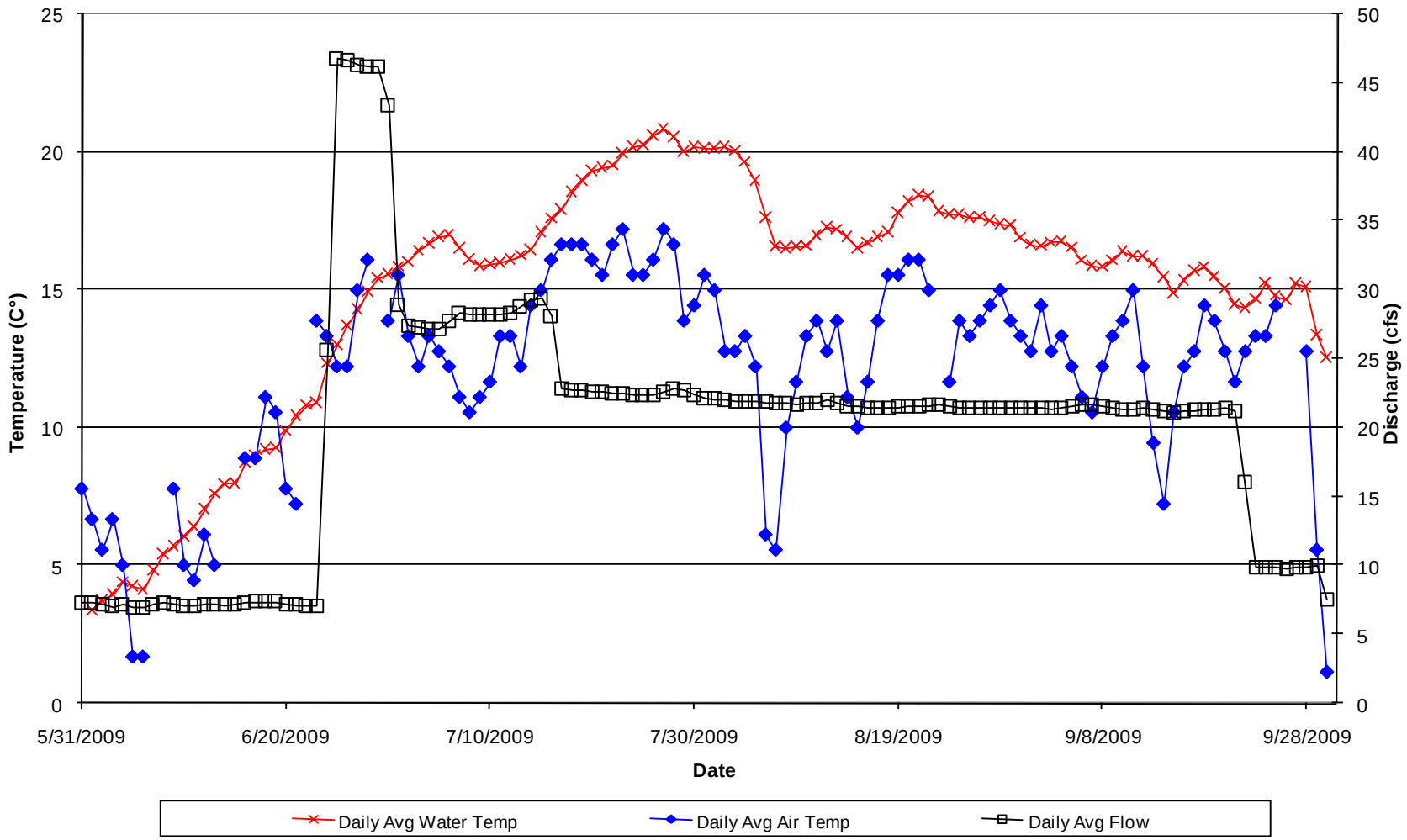


**Figure A1-2**
**Station BC2 - Blue Creek belowLower Blue Lake**
**Minimum, Average, and Maximum Water Temperature (C°)**

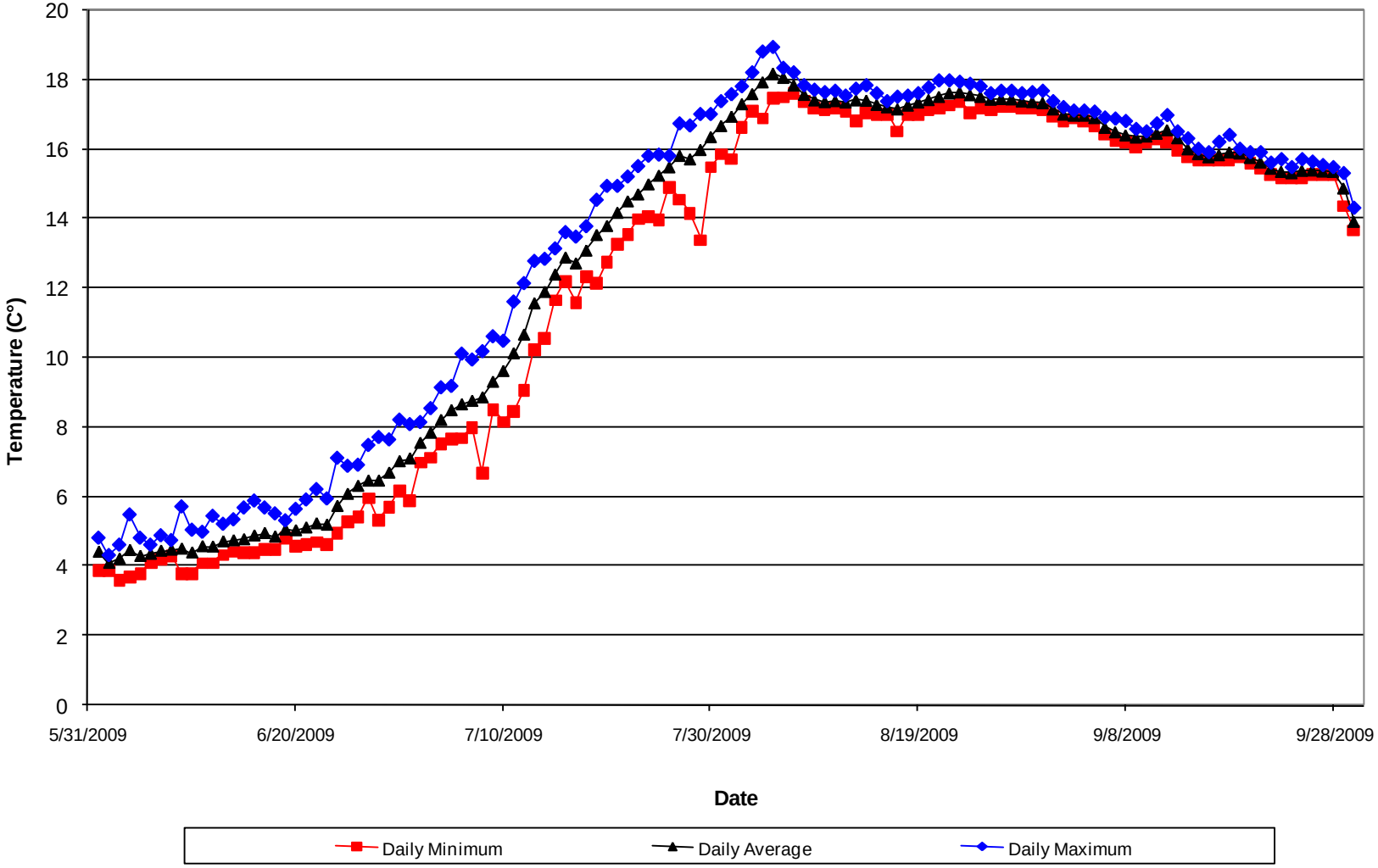


**Figure A2-2**
**Station BC2 - Blue Creek belowLower Blue Lake**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station BLK , Flow Data M3 (data are provisonal)**

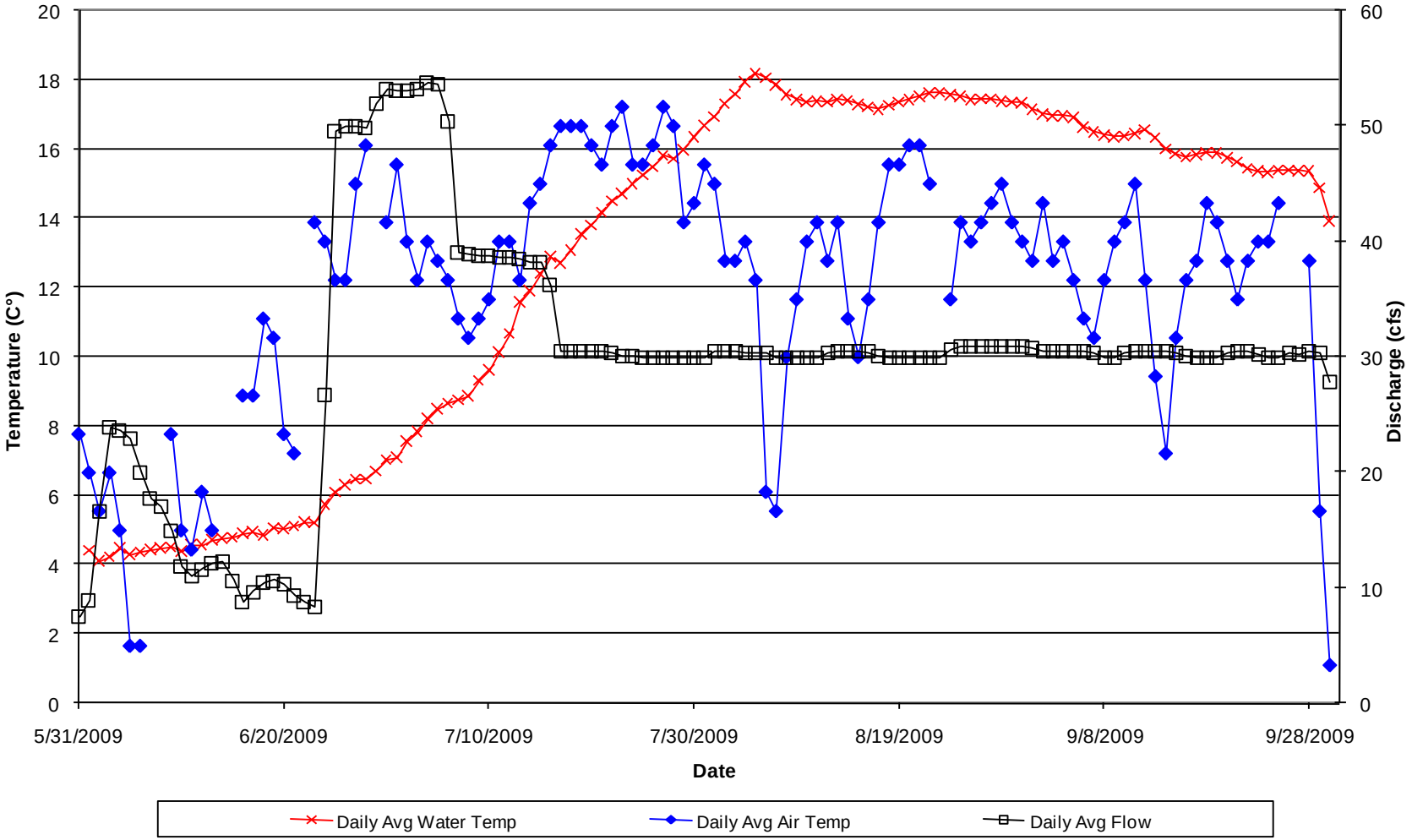


**Figure A1-3**
**Station MC1 - Meadow Creek below Twin Lake**
**Minimum, Average, and Maximum Water Temperature (C°)**

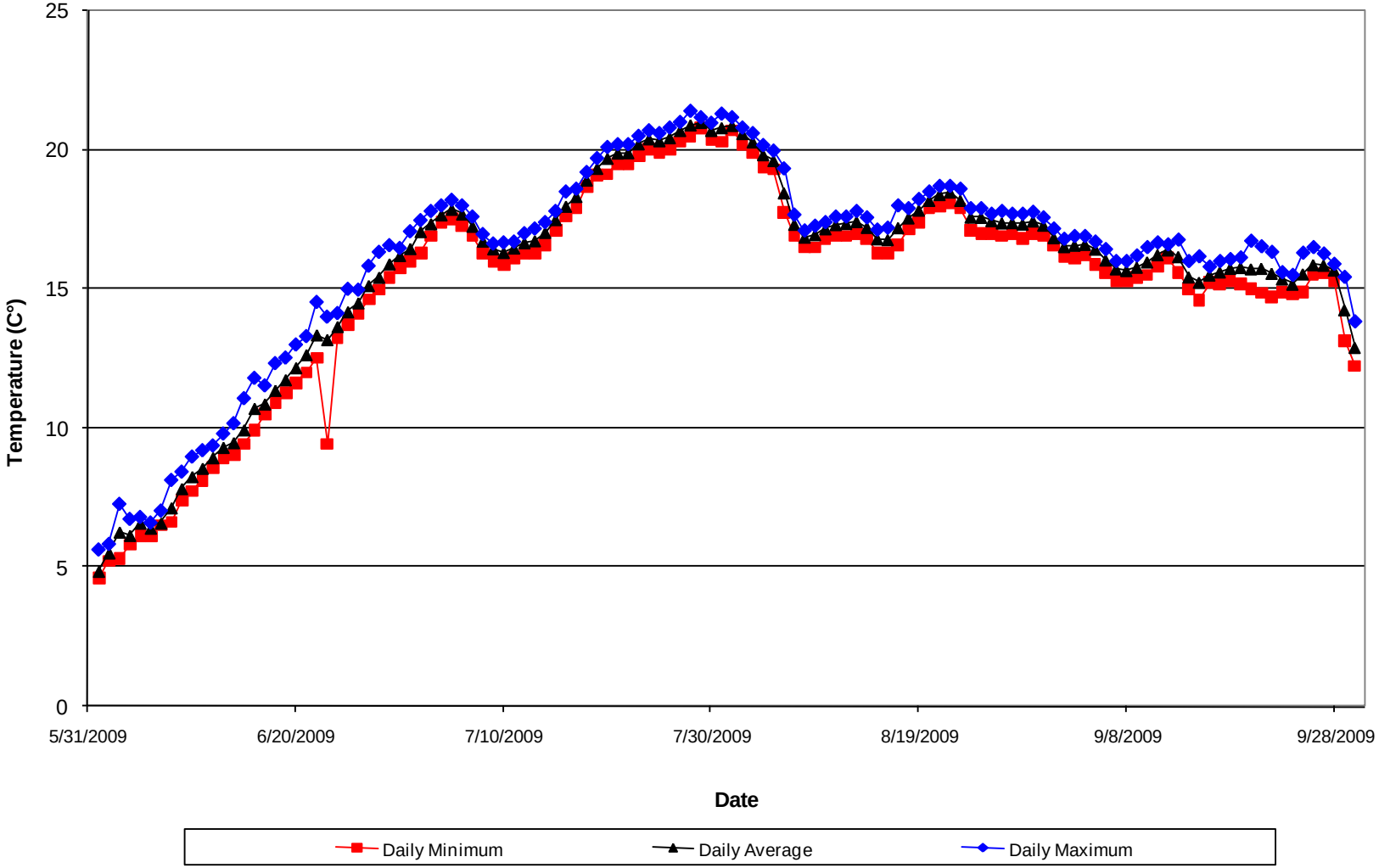


**Figure A2-3**
**Station MC1 - Meadow Creek below Twin Lake**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station BLK , Flow Data M68 (data are provisonal)**

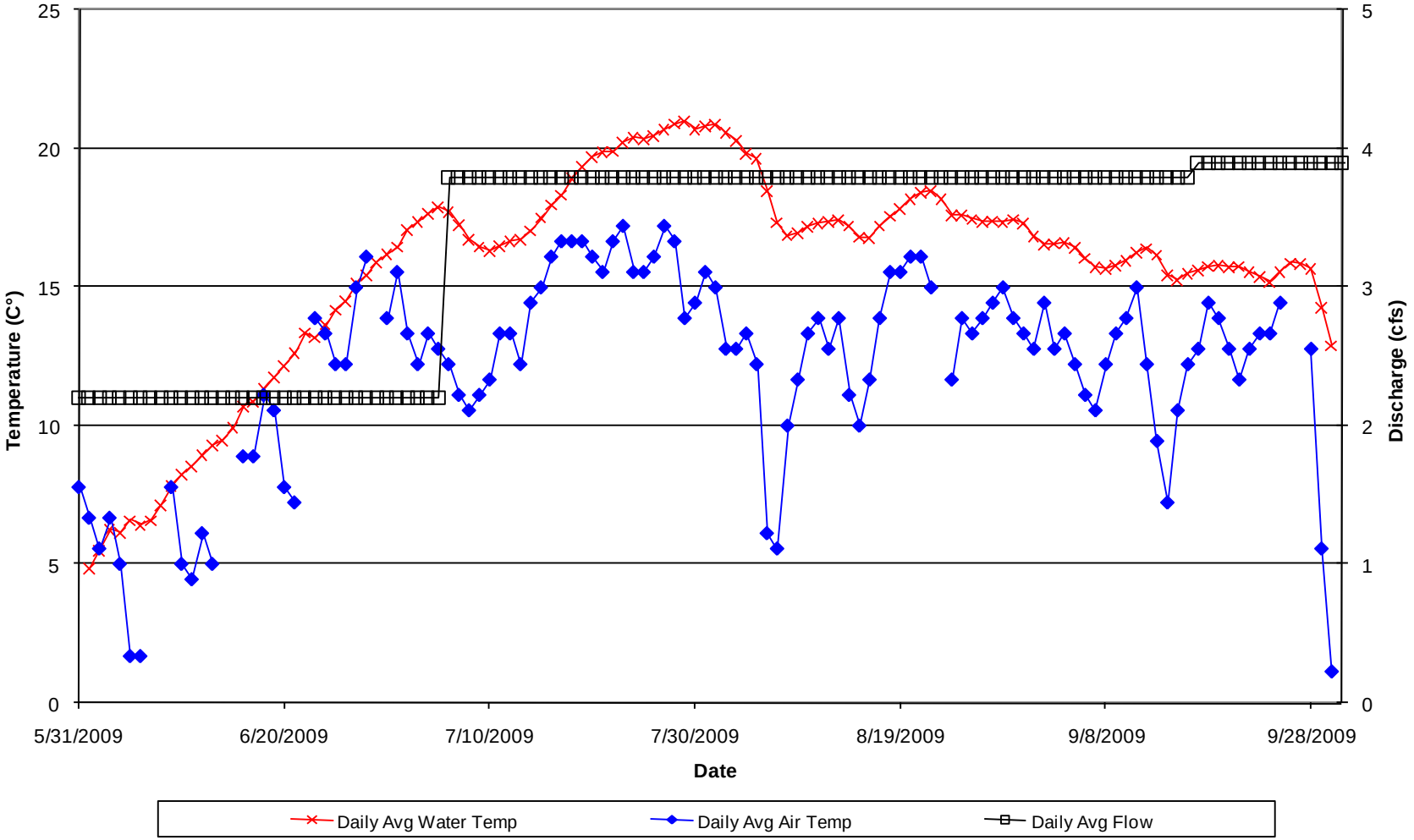


**Figure A1-4**
**Station MC2 - Meadow Creek below Meadow Lake**
**Minimum, Average, and Maximum Water Temperature (C°)**

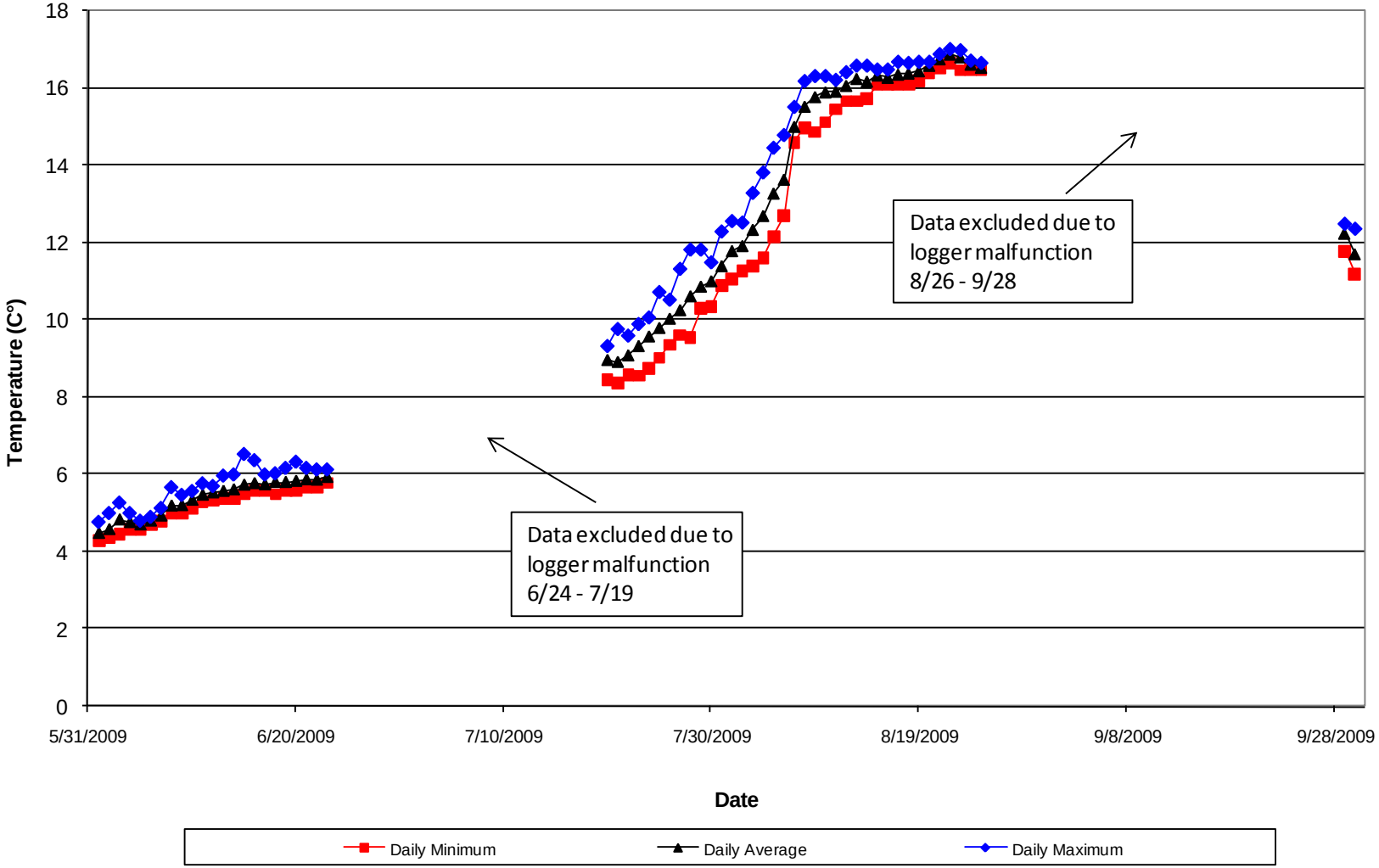


**Figure A2-4**
**Station MC2 - Meadow Creek below Meadow Lake**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station BLK , Flow Data M6 (data are provisonal)**

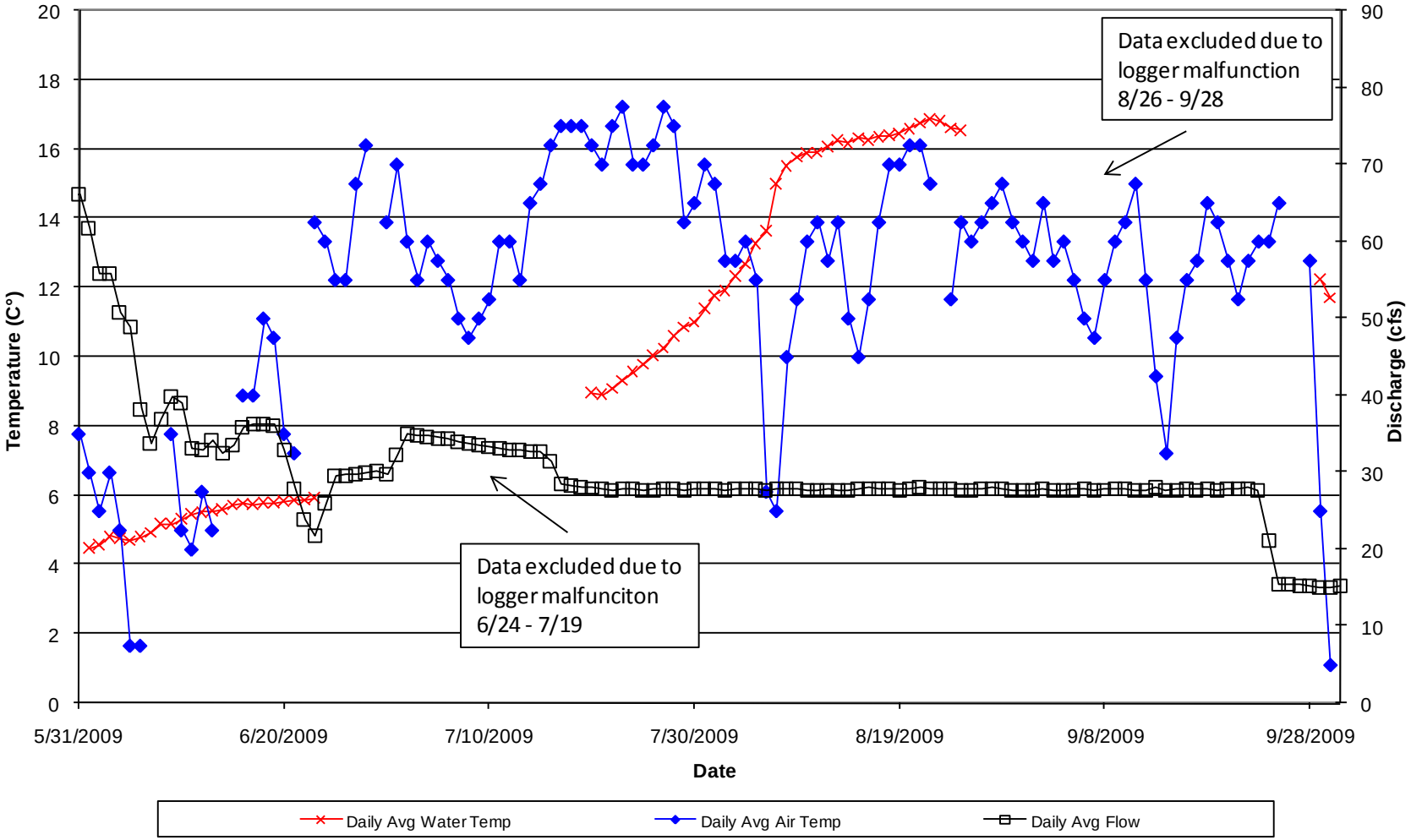


**Figure A1-5**
**Station NFMR1 - North Fork Mokelumne River above Salt Springs Reservoir**
**Minimum, Average, and Maximum Water Temperature (C°)**

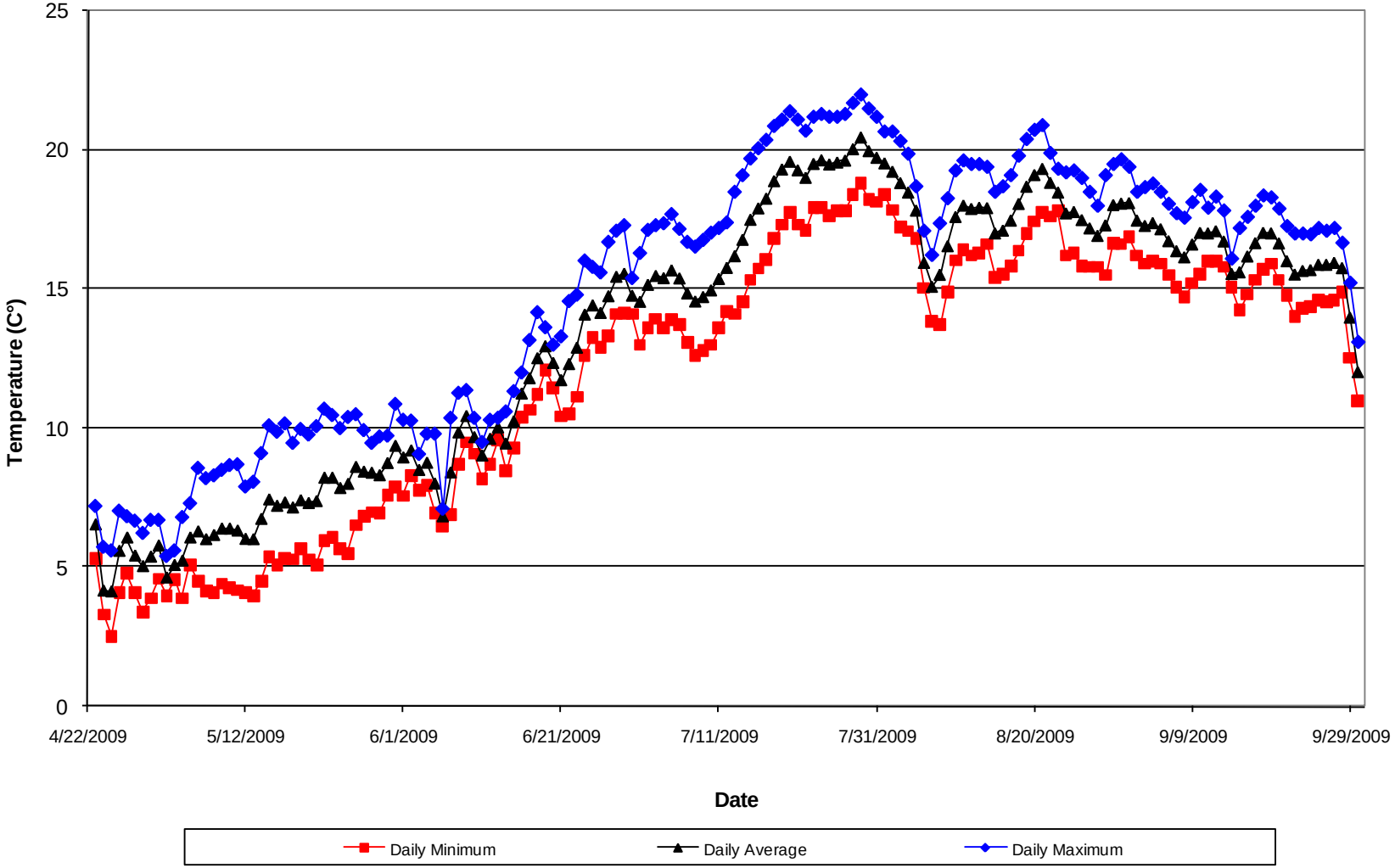


**Figure A2-5**
**Station NFMR1 - North Fork Mokelumne River above Salt Springs Reservoir**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station SSR, Flow Data 902A (data are provisonal)**

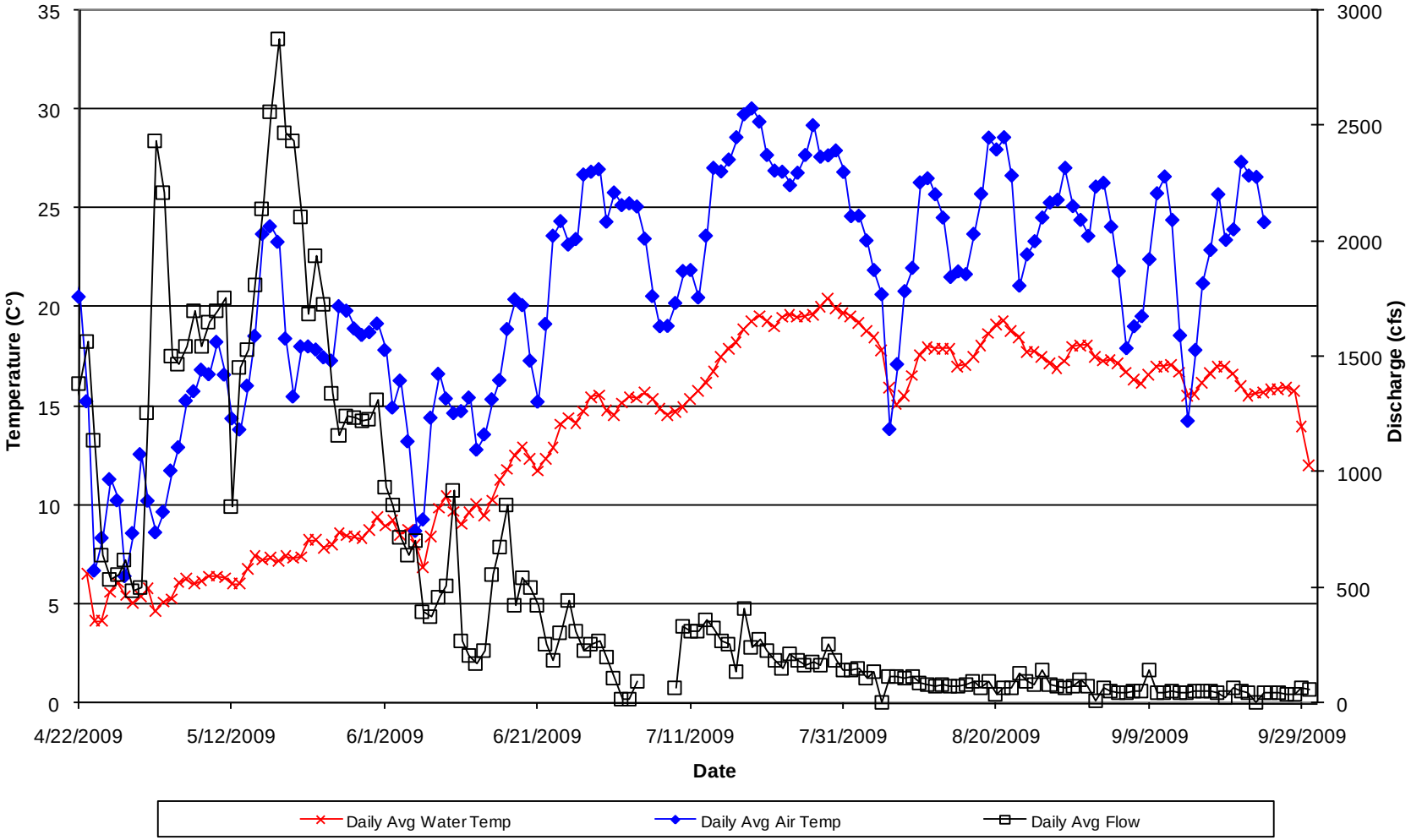


**Figure A1-6**
**Station NFMR2 - North Fork Mokelumne River below Salt Springs Reservoir**
**Minimum, Average, and Maximum Water Temperature (C°)**

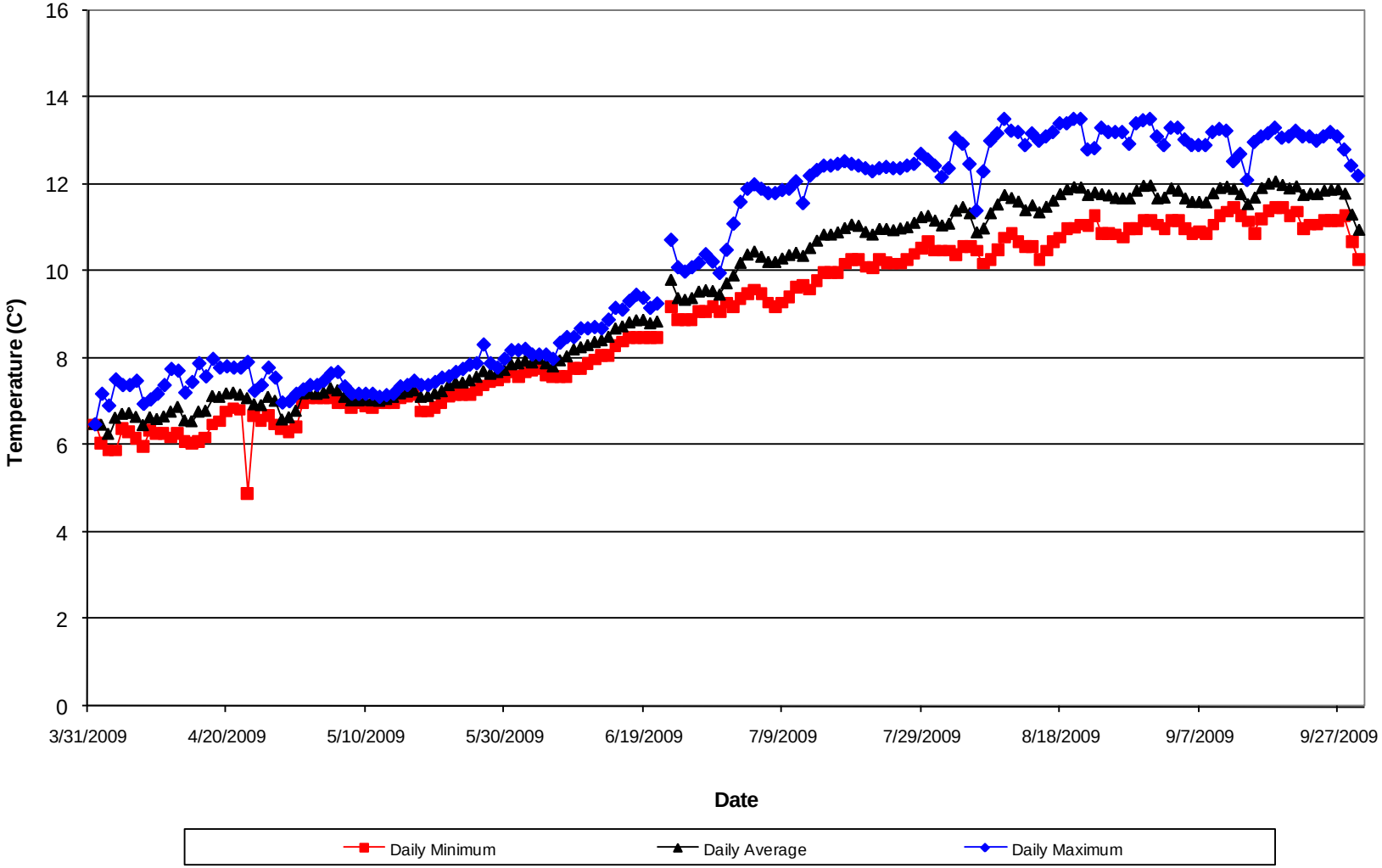


**Figure A2-6**
**Station NFMR2 - North Fork Mokelumne River below Salt Springs Reservoir**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station SSR, Flow Data M11 (data provisonal)**

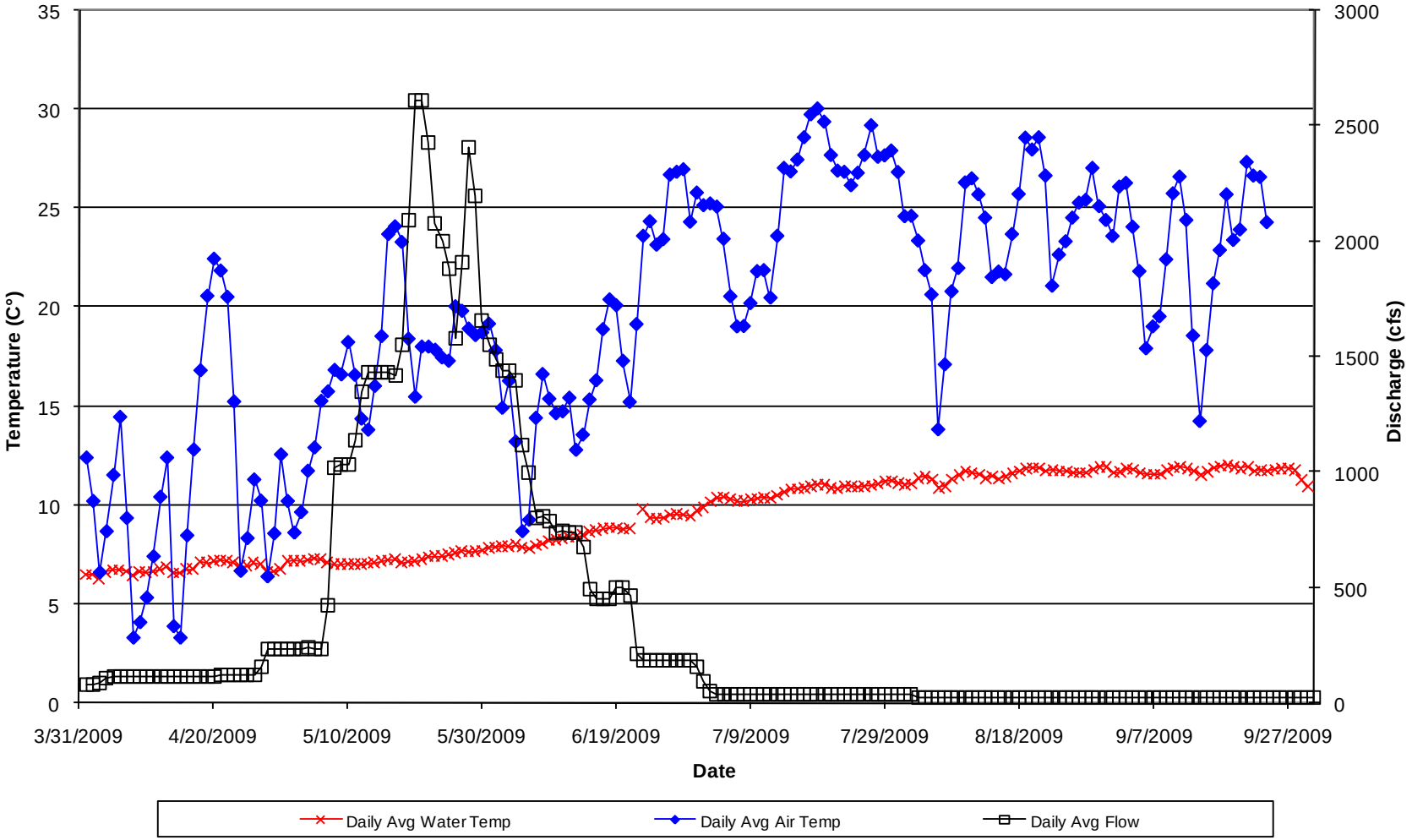


**Figure A1-7**
**Station CC0 - Cole Creek below Project Diversion**
**Minimum, Average, and Maximum Water Temperature (C°)**

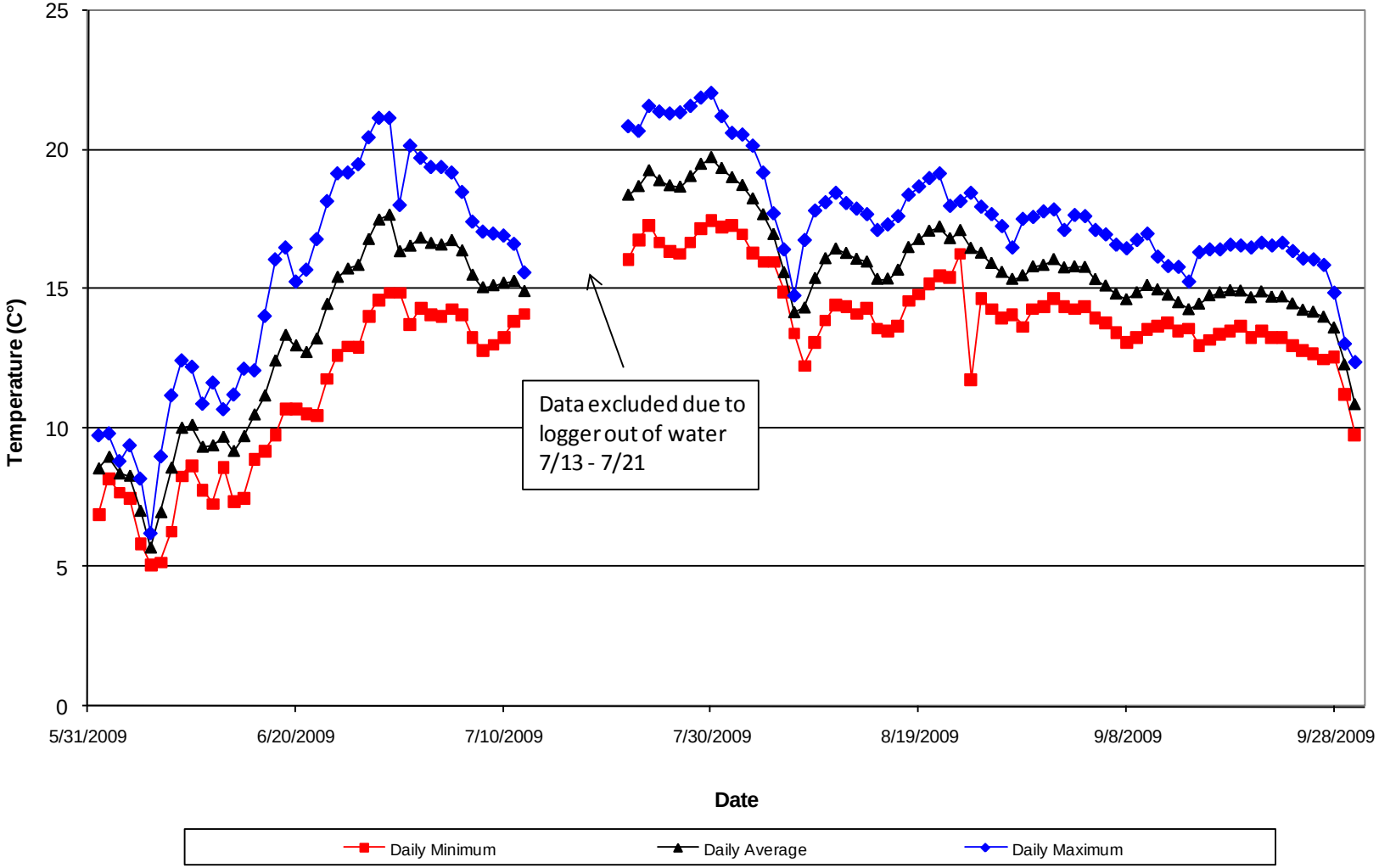


**Figure A2-7**
**Station CC0 - Cole Creek below Project Diversion**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station SSR, Flow Data M10 (data are provisonal)**

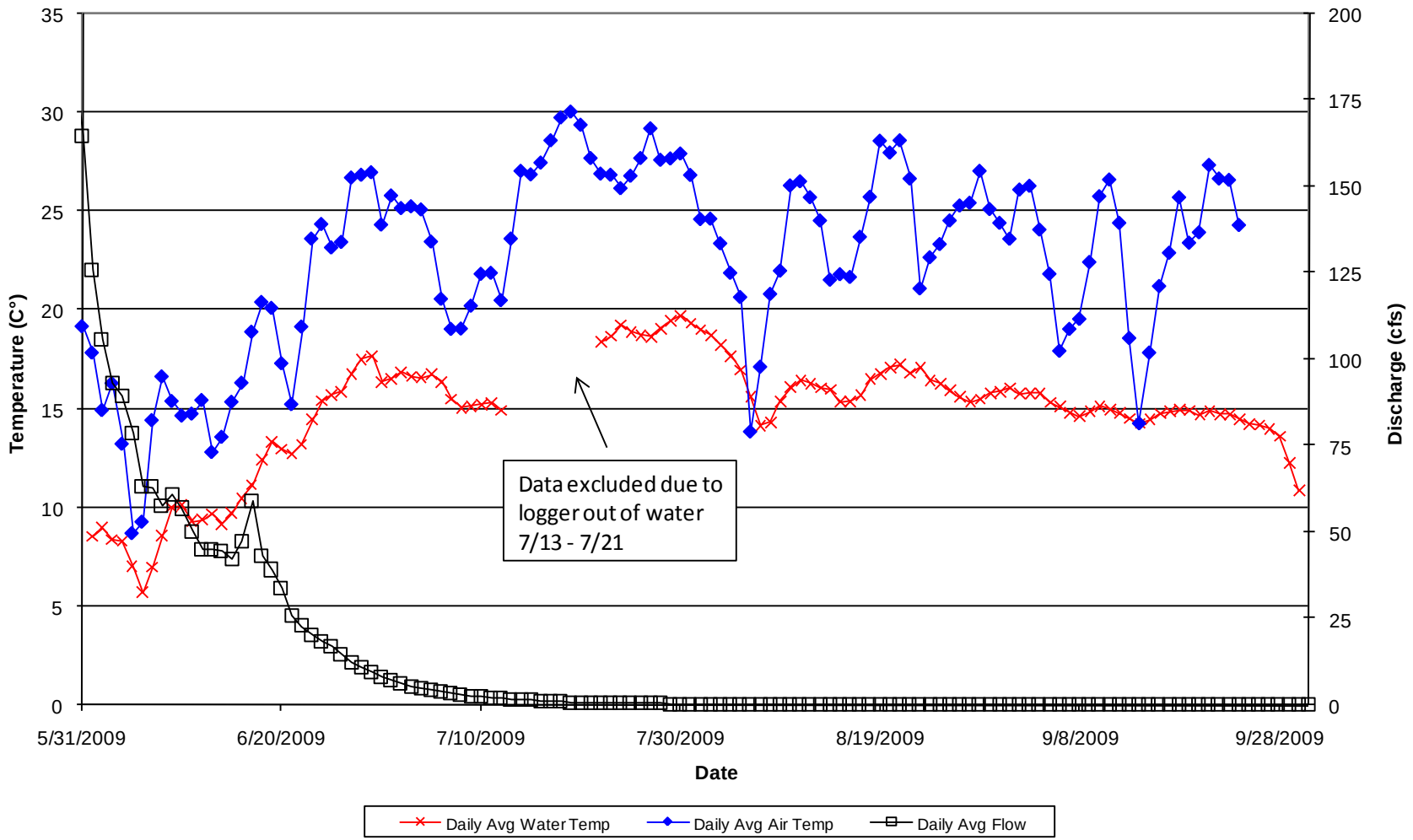


**Figure A1-8**
**Station CC1 - Cole Creek above the confluence with the North Fork Mokelumne River**
**Minimum, Average, and Maximum Water Temperature (C°)**

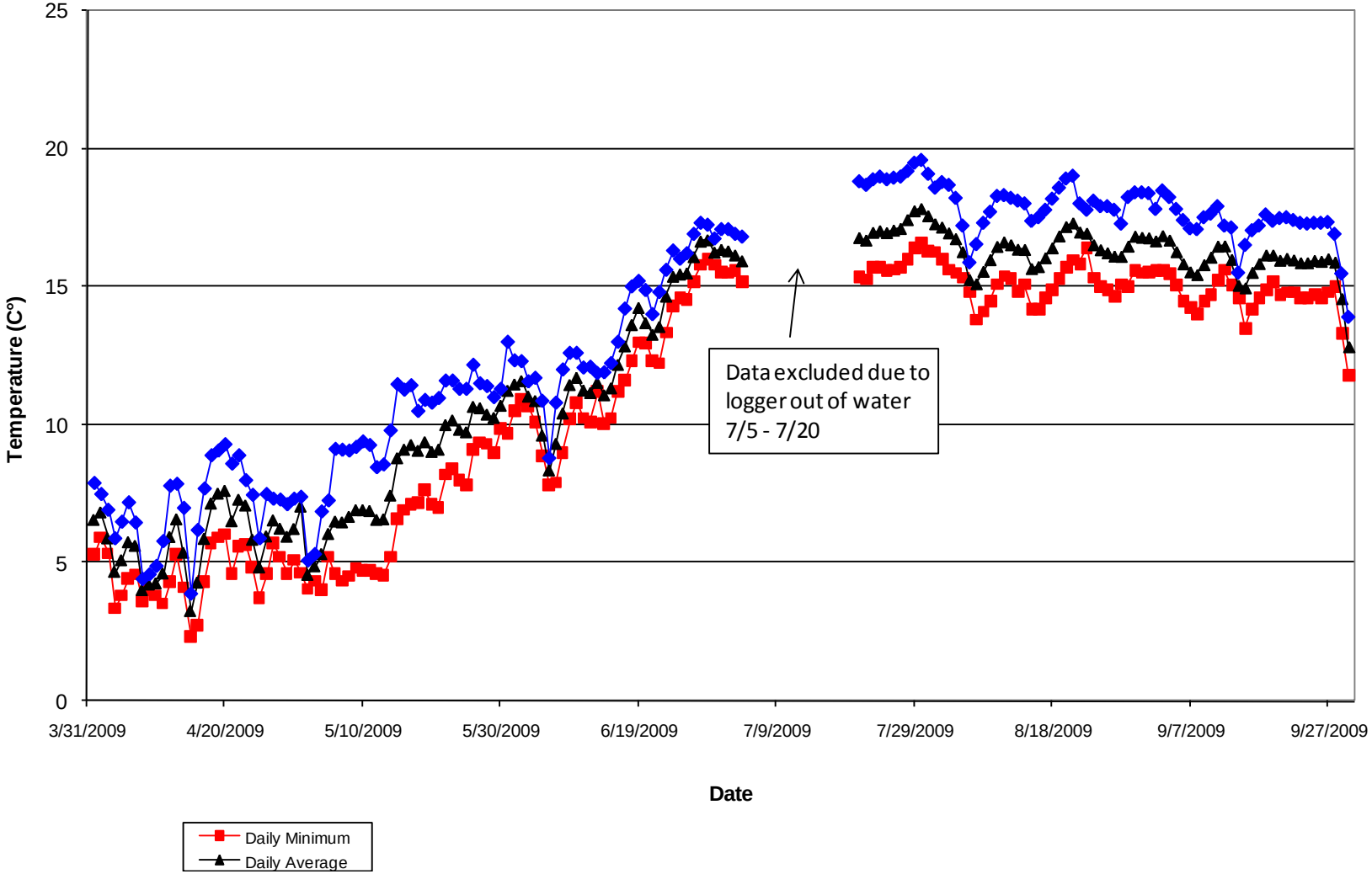


**Figure A2-8**
**Station CC1 - Cole Creek above the confluence with the North Fork Mokelumne River**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station SSR, Flow Data M52 (data are provisonal)**

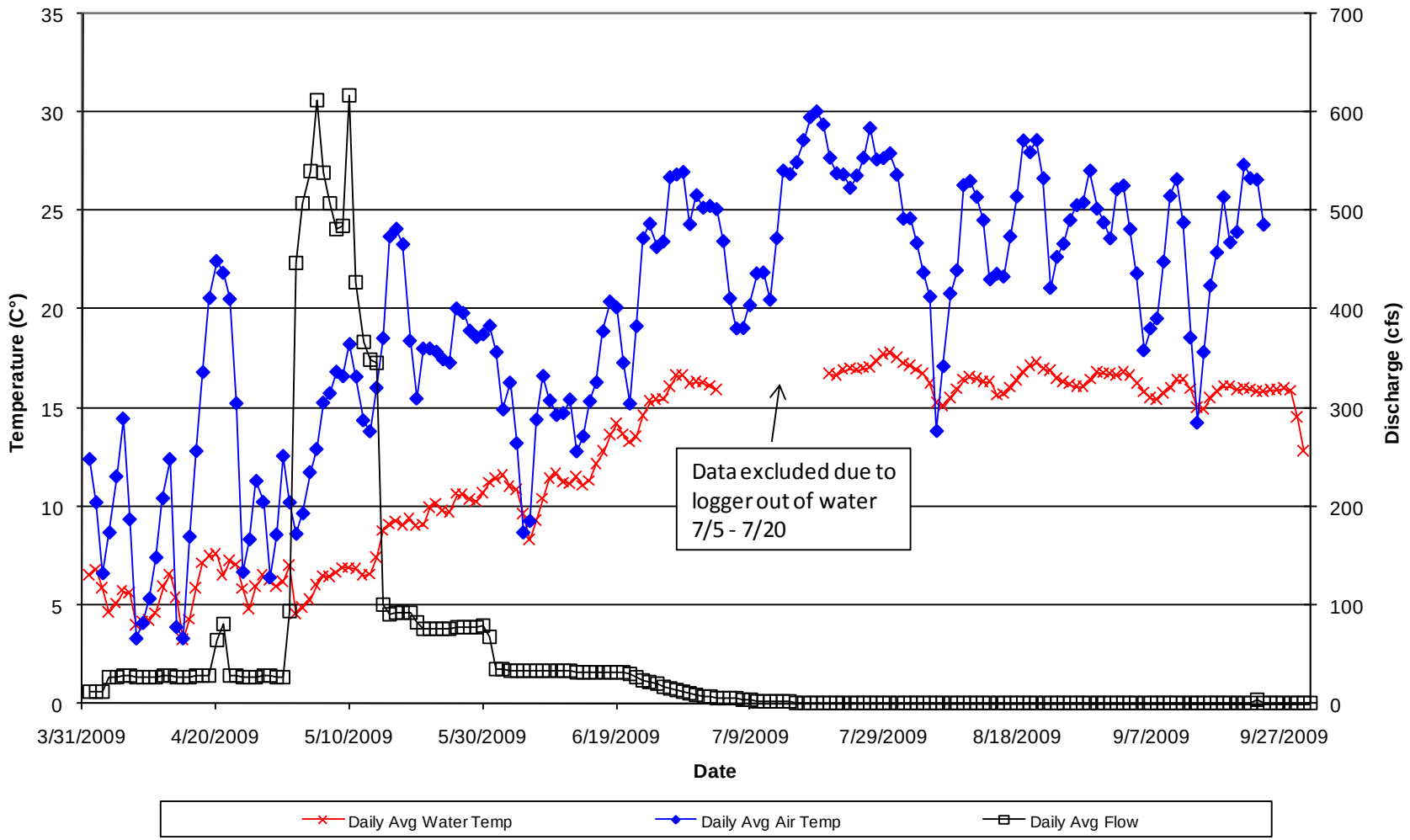


**Figure A1-9**
**Station BR1 - Bear River below Lower Bear River Reservoir**
**Minimum, Average, and Maximum Water Temperature (C°)**

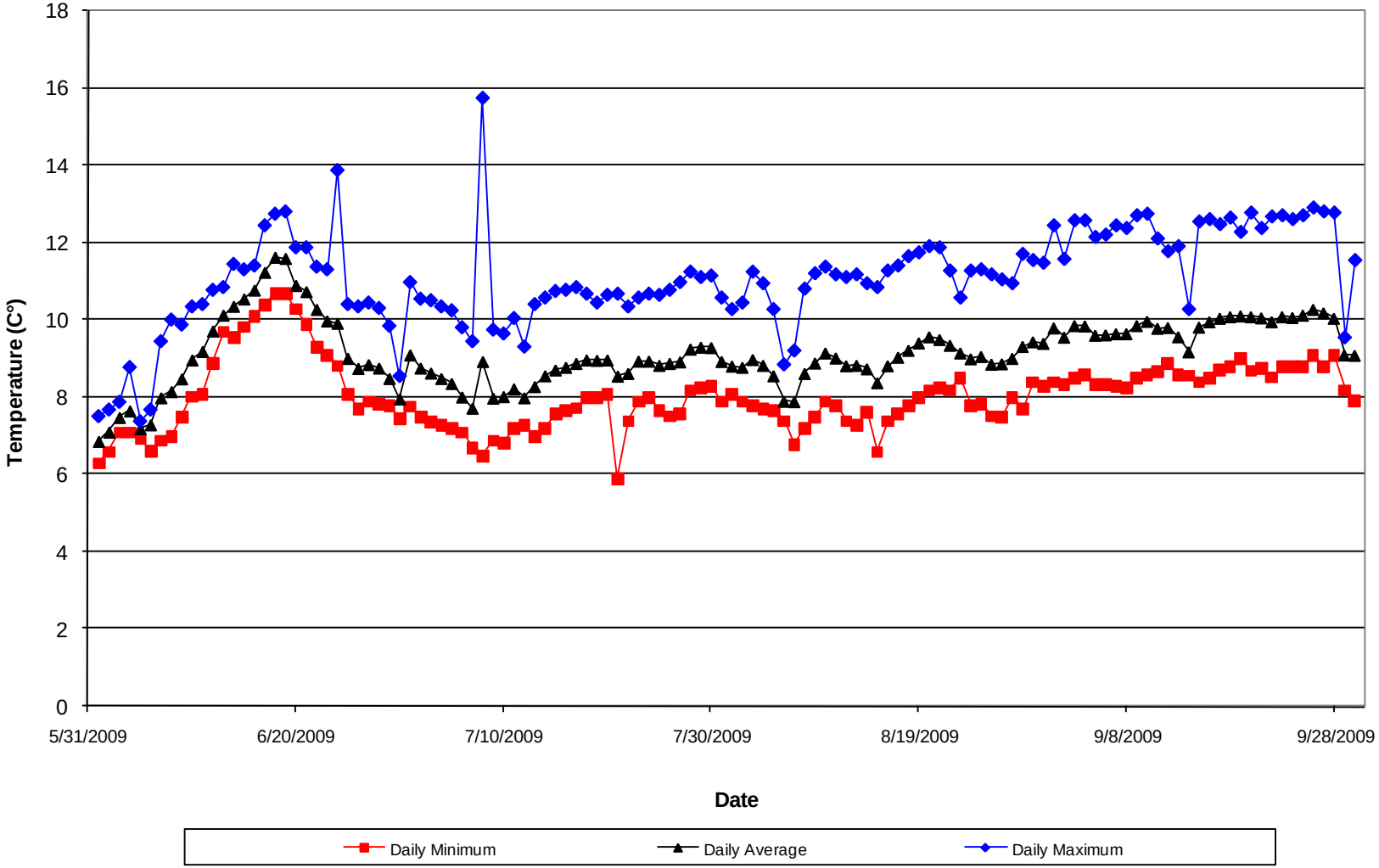


**Figure A2-9**
**Station BR1 - Bear River below Lower Bear River Reservoir**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station SSR, Flow M49 (Data are provisonal)**

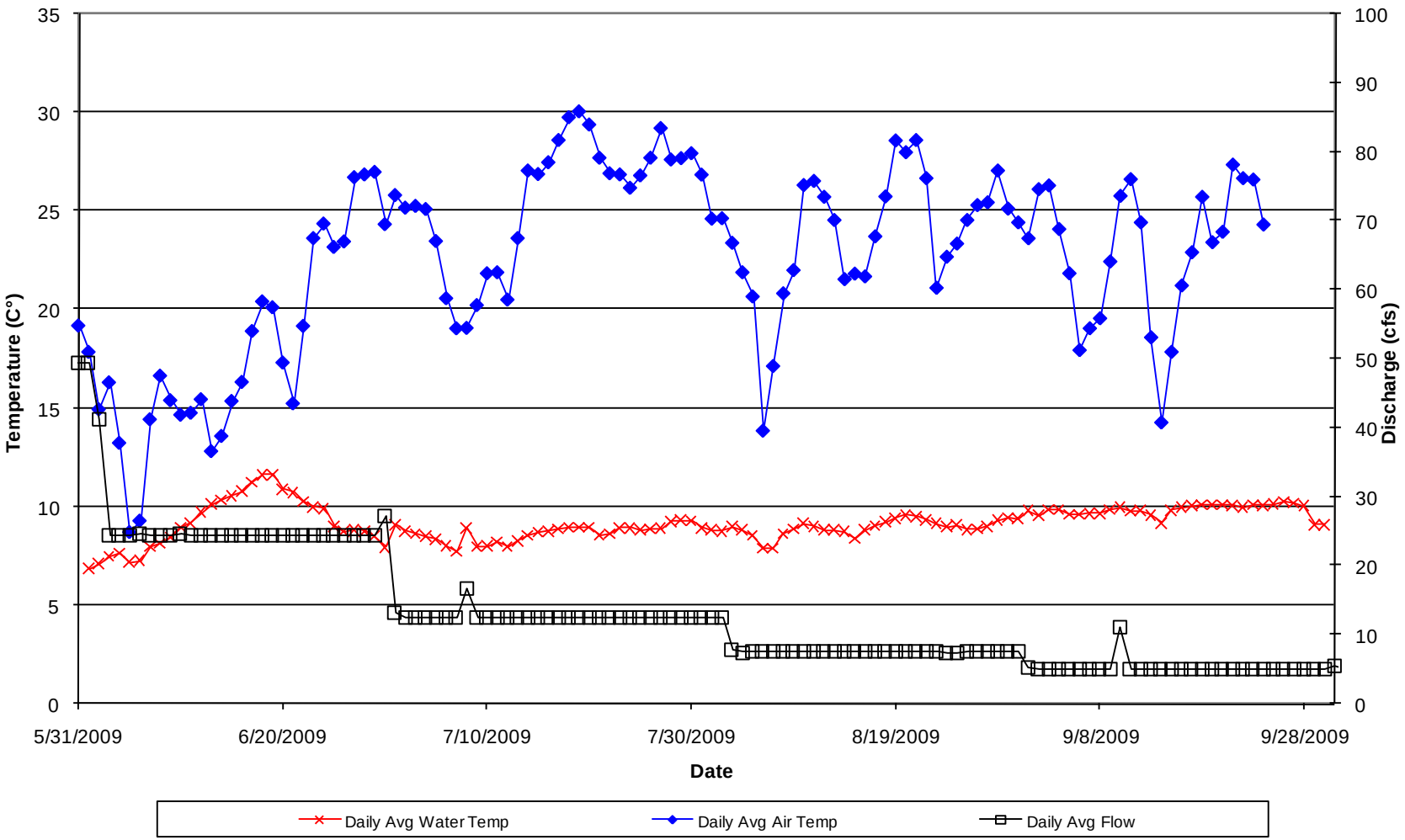


**Figure A1-10**
**Station BR2 - Bear River below Salt Springs Road**
**Minimum, Average, and Maximum Water Temperature (C°)**

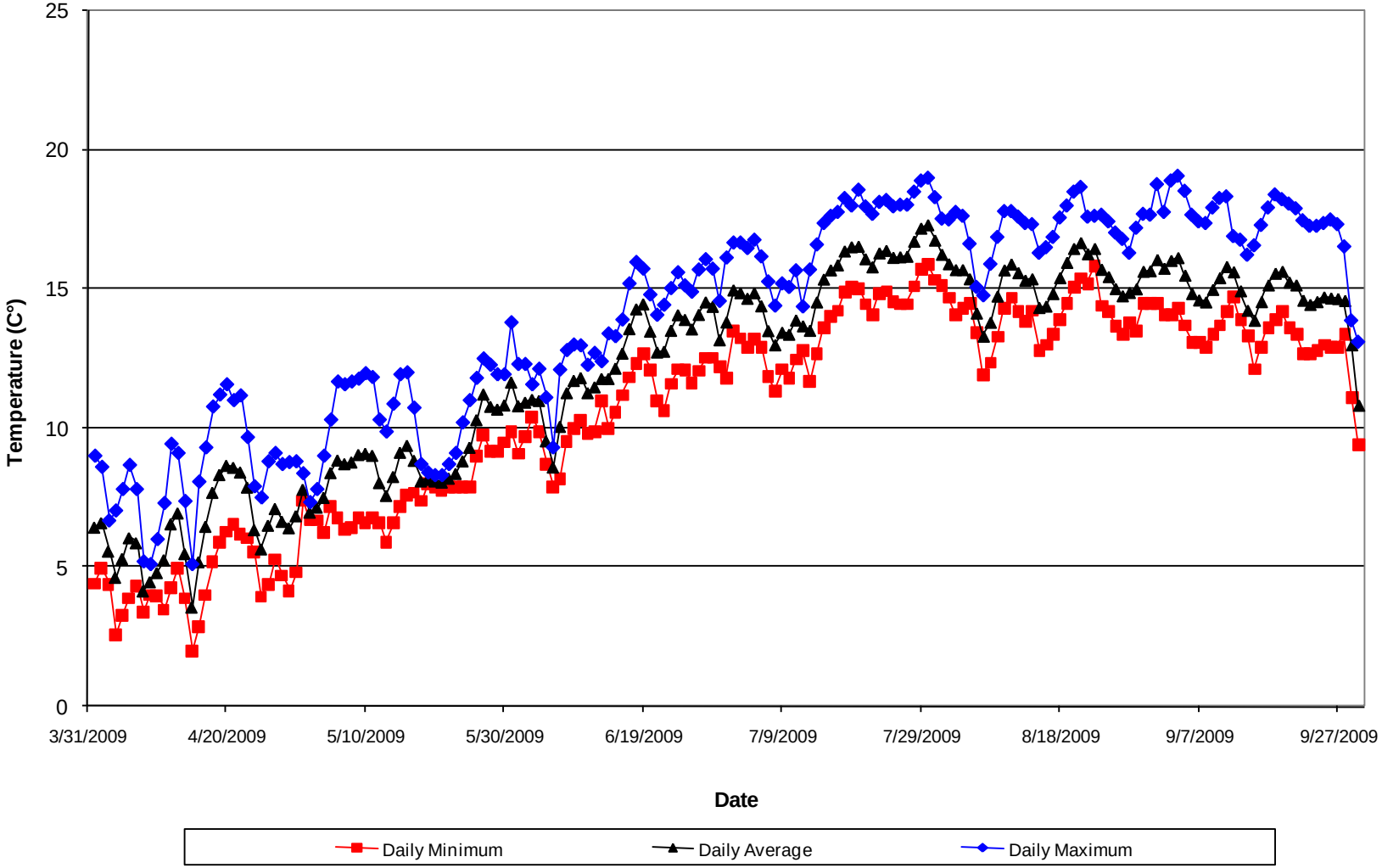


**Figure A2-10**
**Station BR2 - Bear River below Salt Springs Road**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station SSR , Flow Data M89 (data are provisonal)**

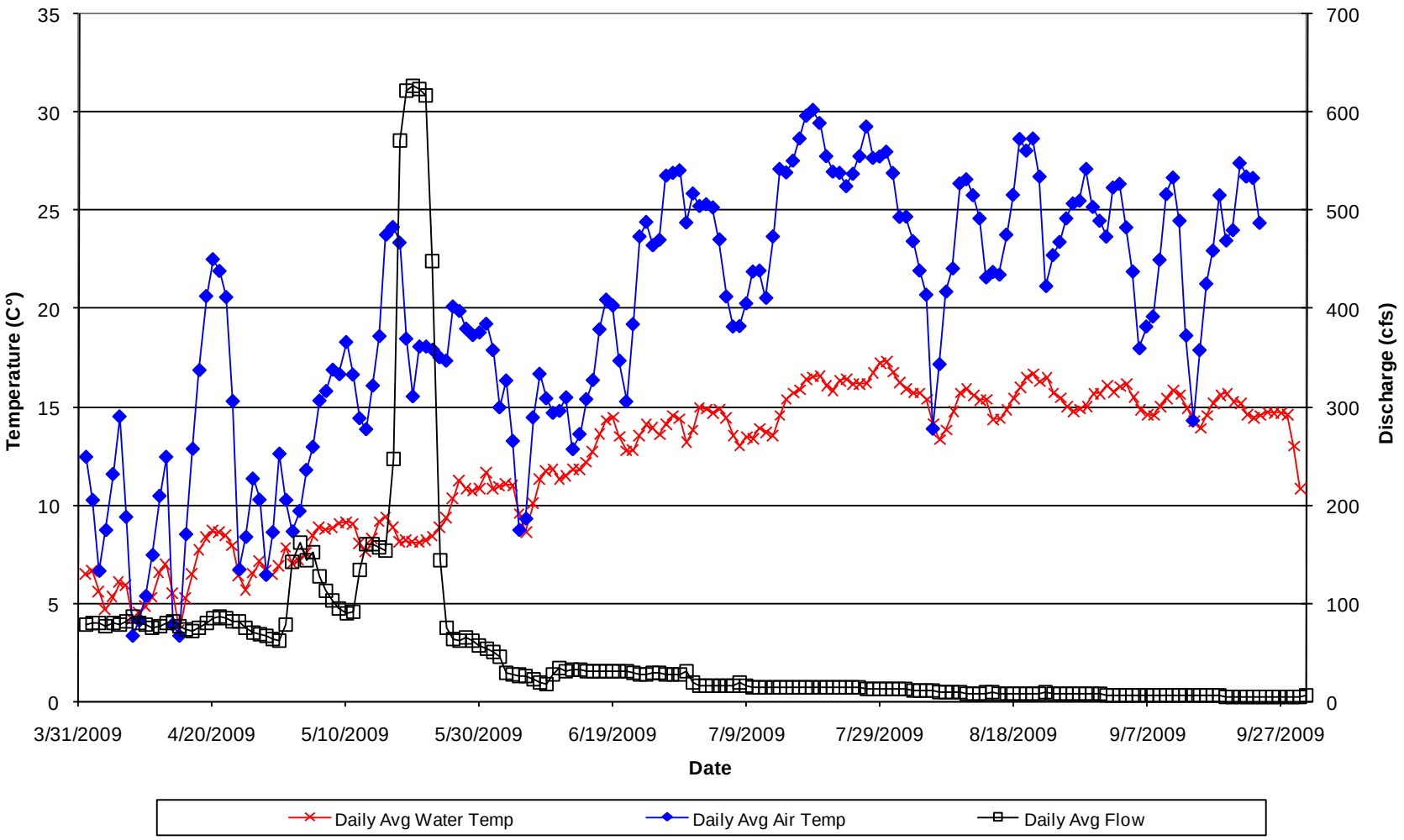


**Figure A1-11**
**Station NFMR3 - North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Minimum, Average, and Maximum Water Temperature (C°)**

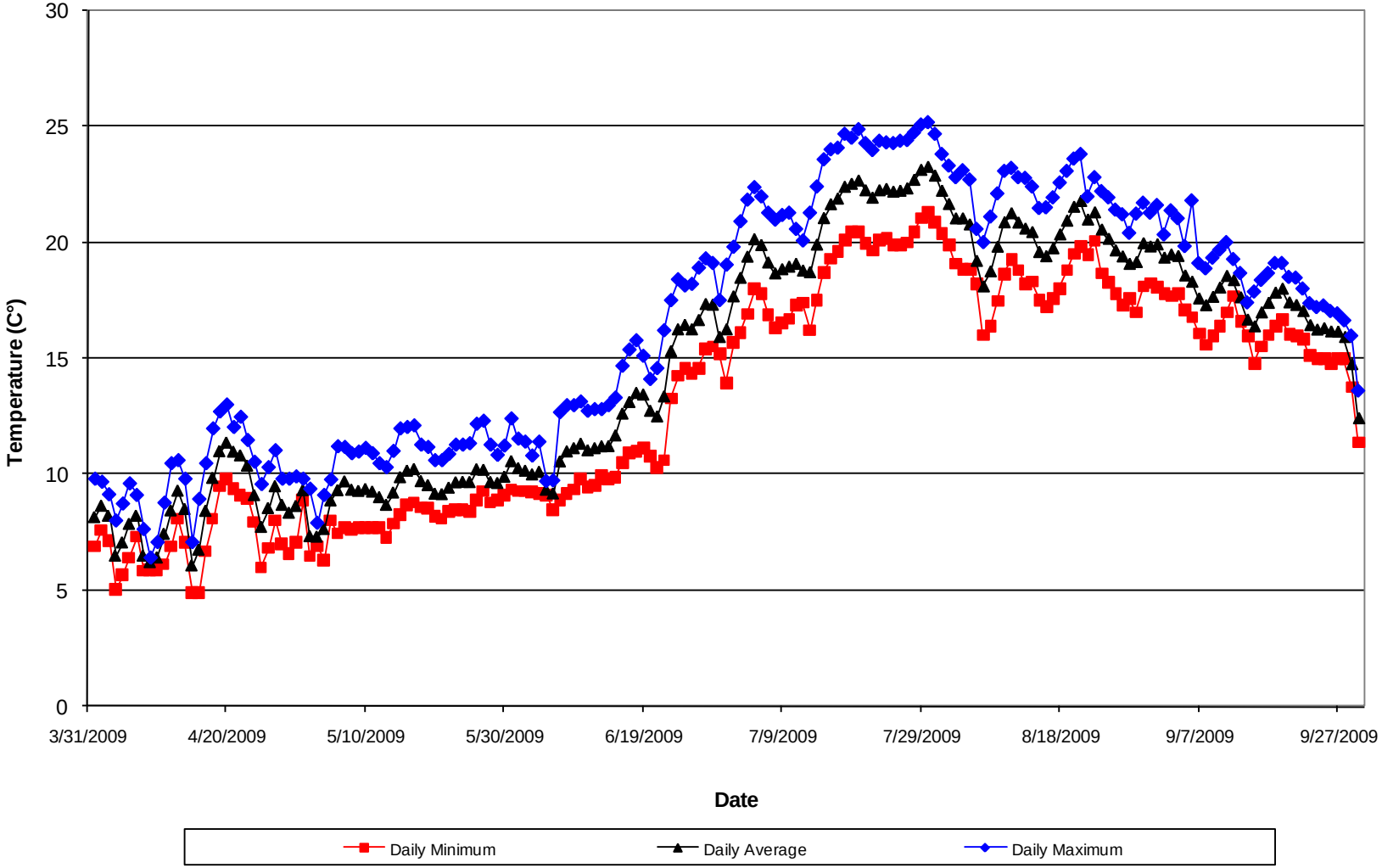


**Figure A2-11**
**Station NFMR3 - North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station TCP , Flow Data M38 (data are provisonal)**

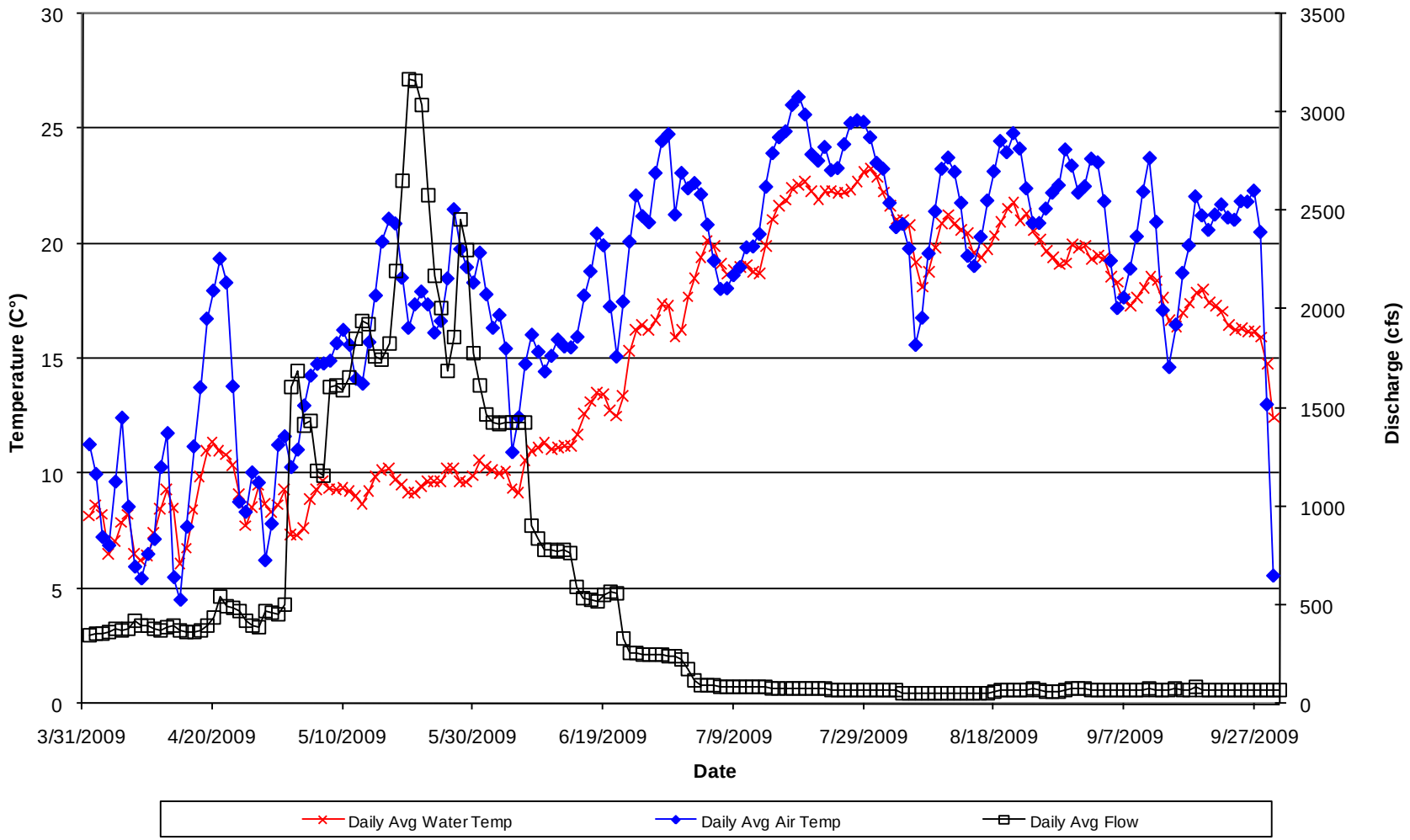


**Figure A1-12**
**Station TC1 - Tiger Creek below Tiger Creek Regulator Dam**
**Minimum, Average, and Maximum Water Temperature (C°)**

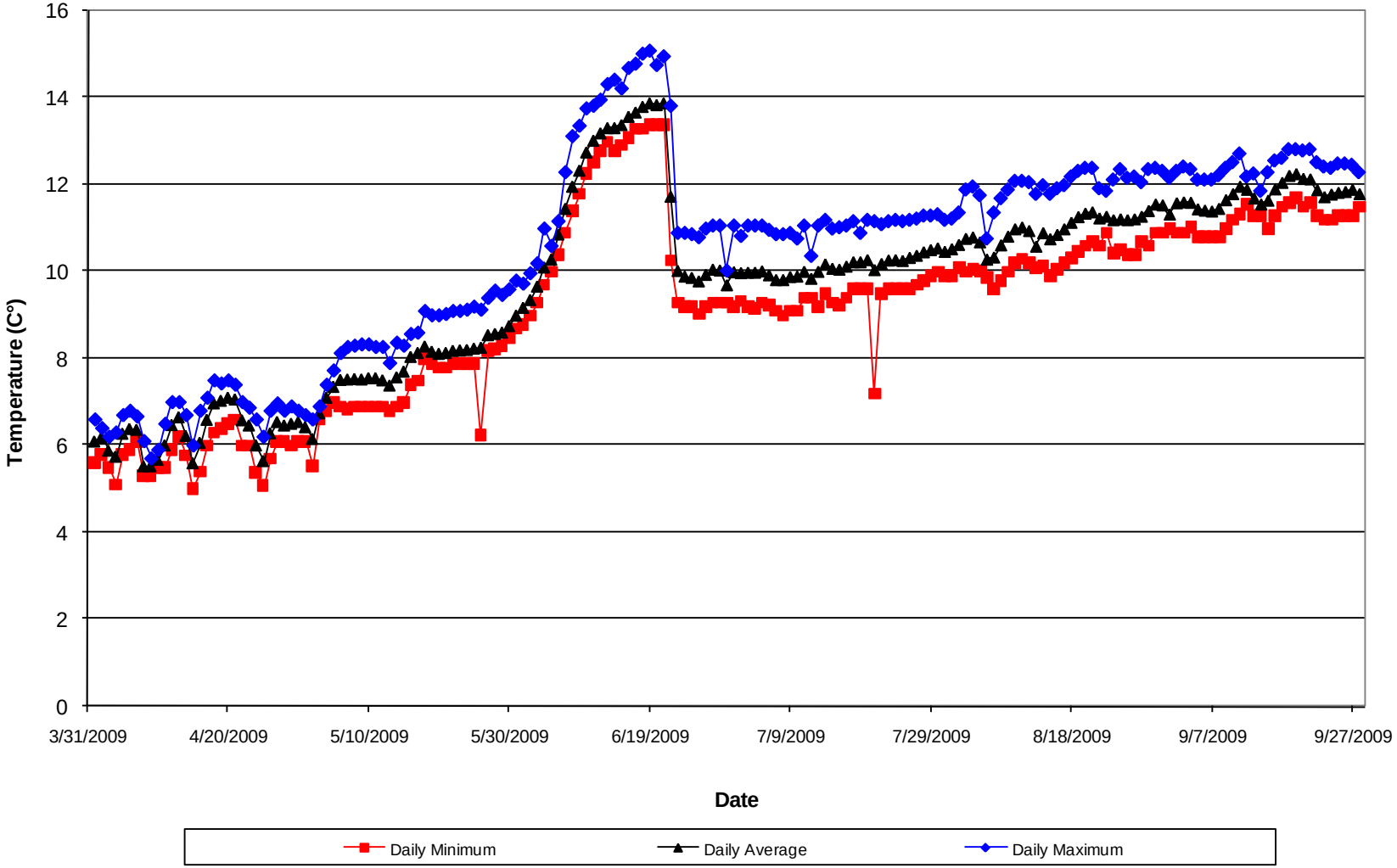


**Figure A2-12**
**Station TC1 - Tiger Creek below Tiger Creek Regulator Dam**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station TCP, Flow Data M76 (data are provisonal)**

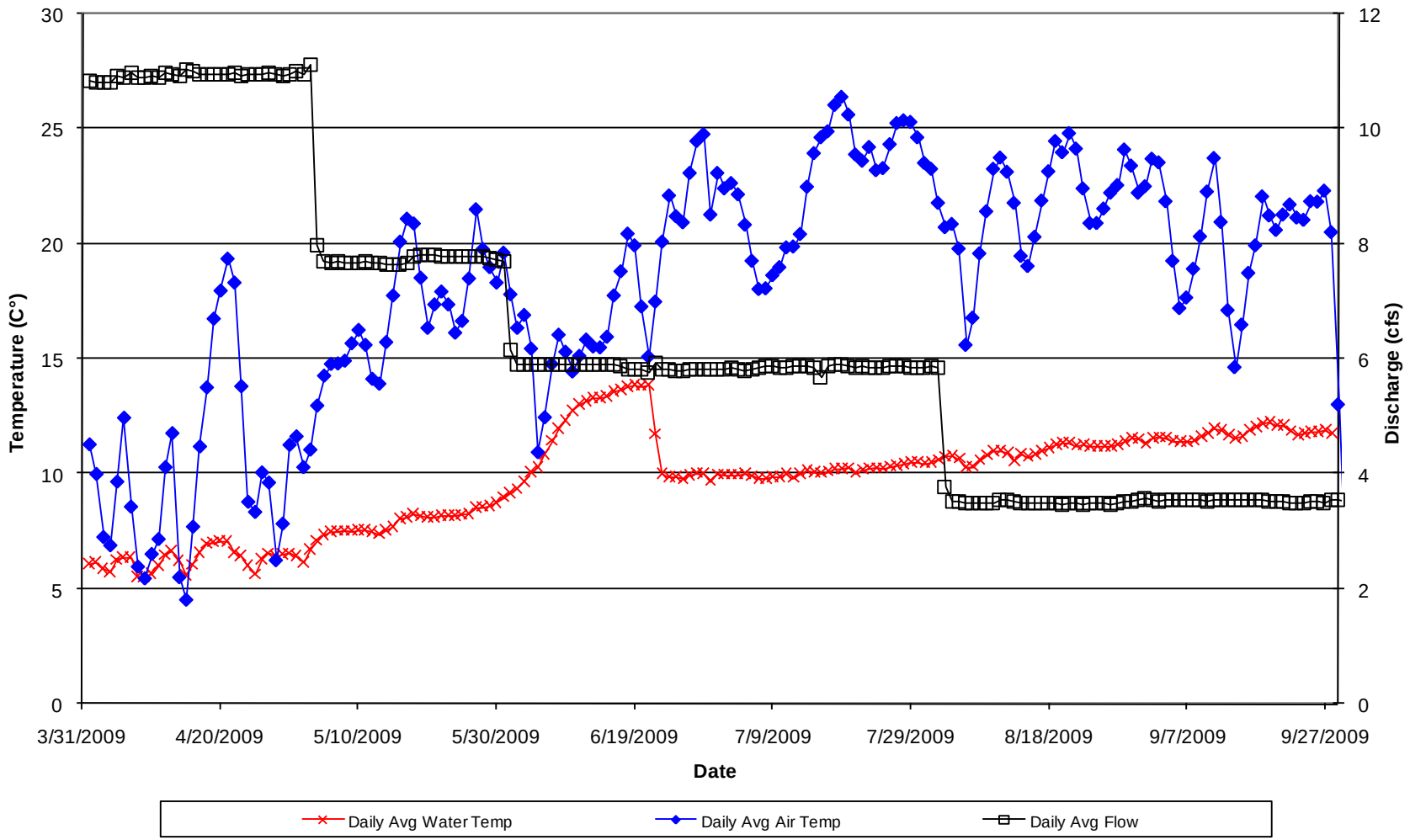


**Figure A1-13**
**Station NFMR4 - North Fork Mokelumne River below Tiger Creek Afterbay**
**Minimum, Average, and Maximum Water Temperature (C°)**

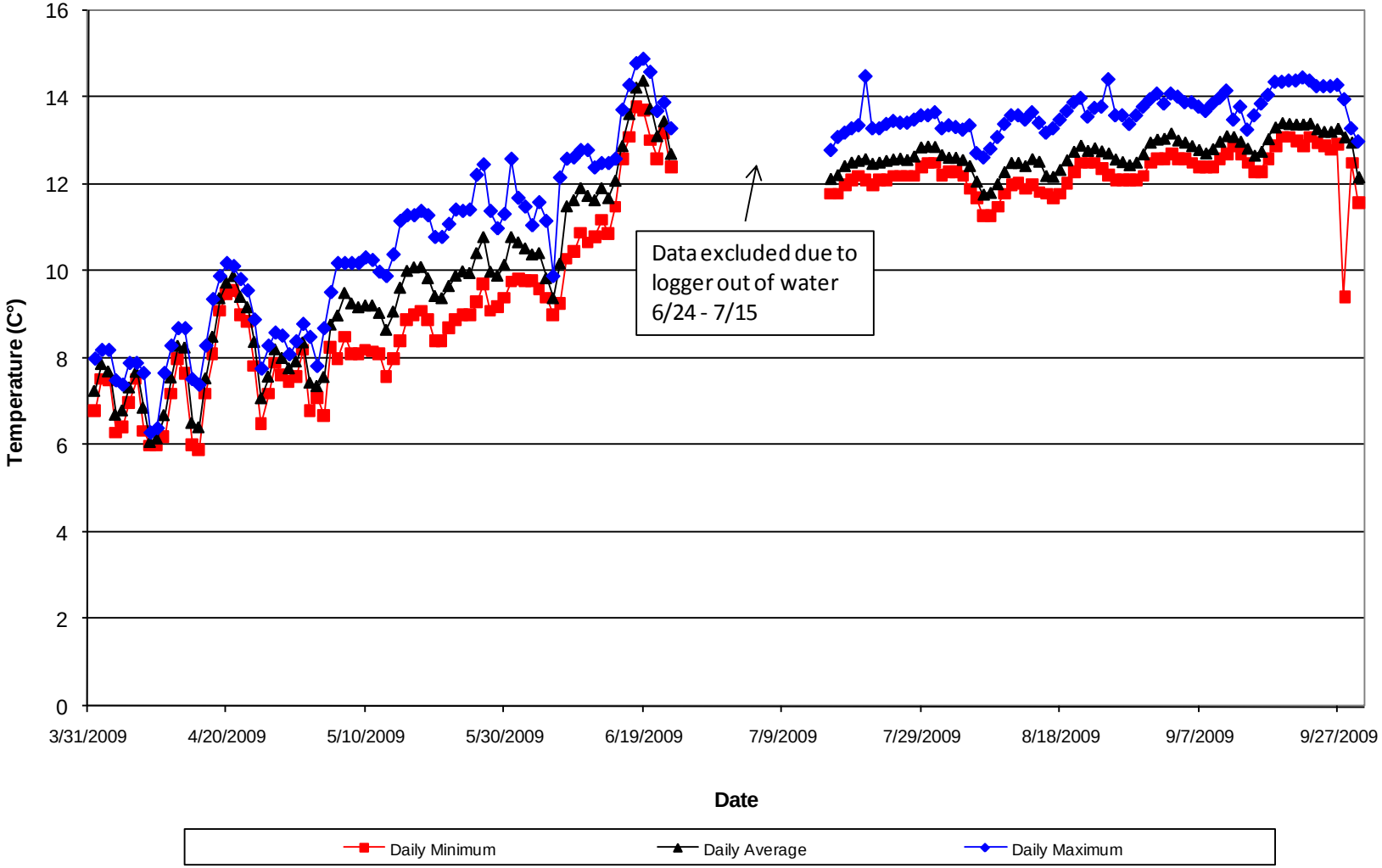


**Figure A2-13**
**Station NFMR4 - North Fork Mokelumne River below Tiger Creek Afterbay**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station TCP, Flow Data M59 (data are provisonal)**

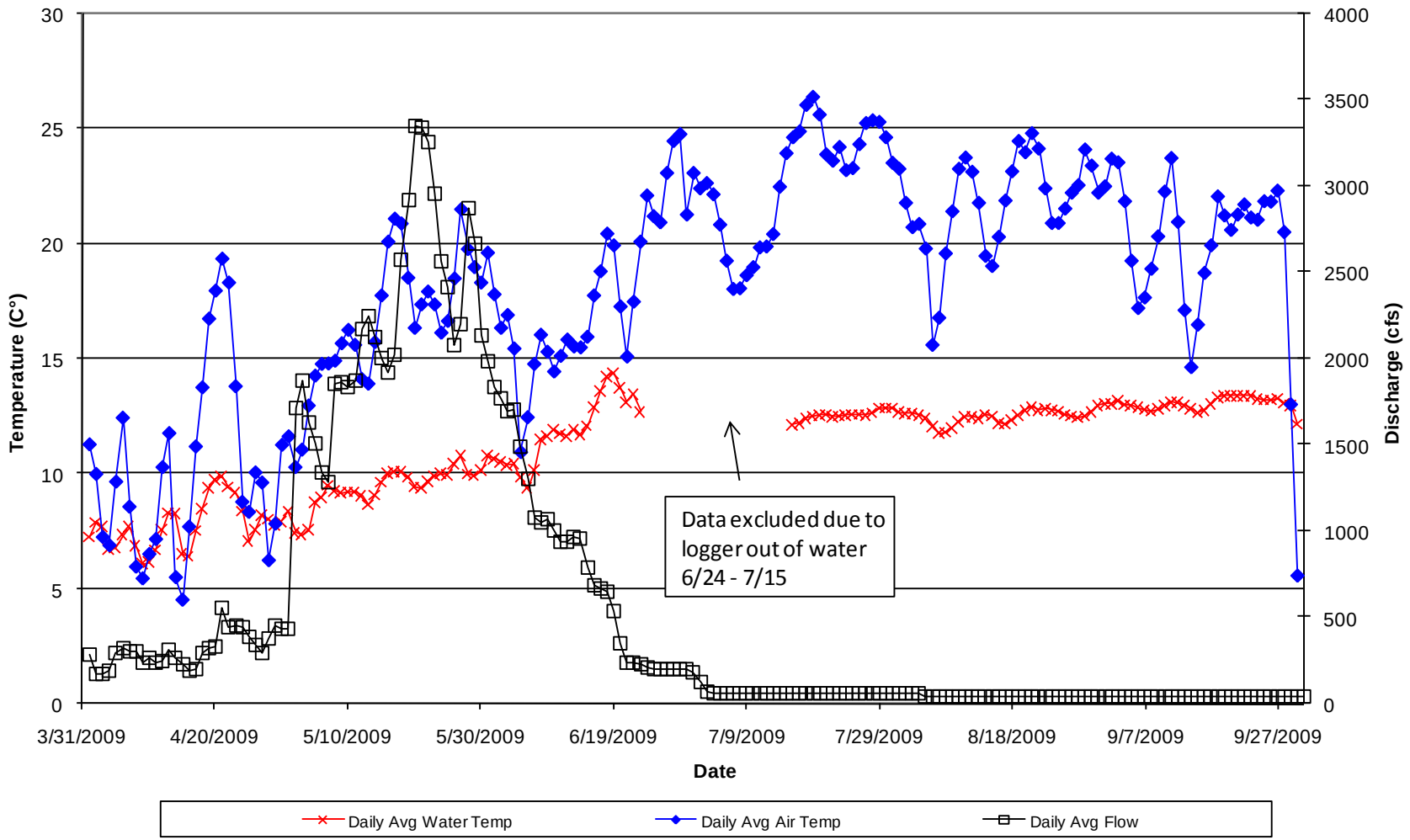


**Figure A1-14**
**Station NFMR5 - North Fork Mokelumne River at Electra Diversion Dam**
**Minimum, Average, and Maximum Water Temperature (C°)**

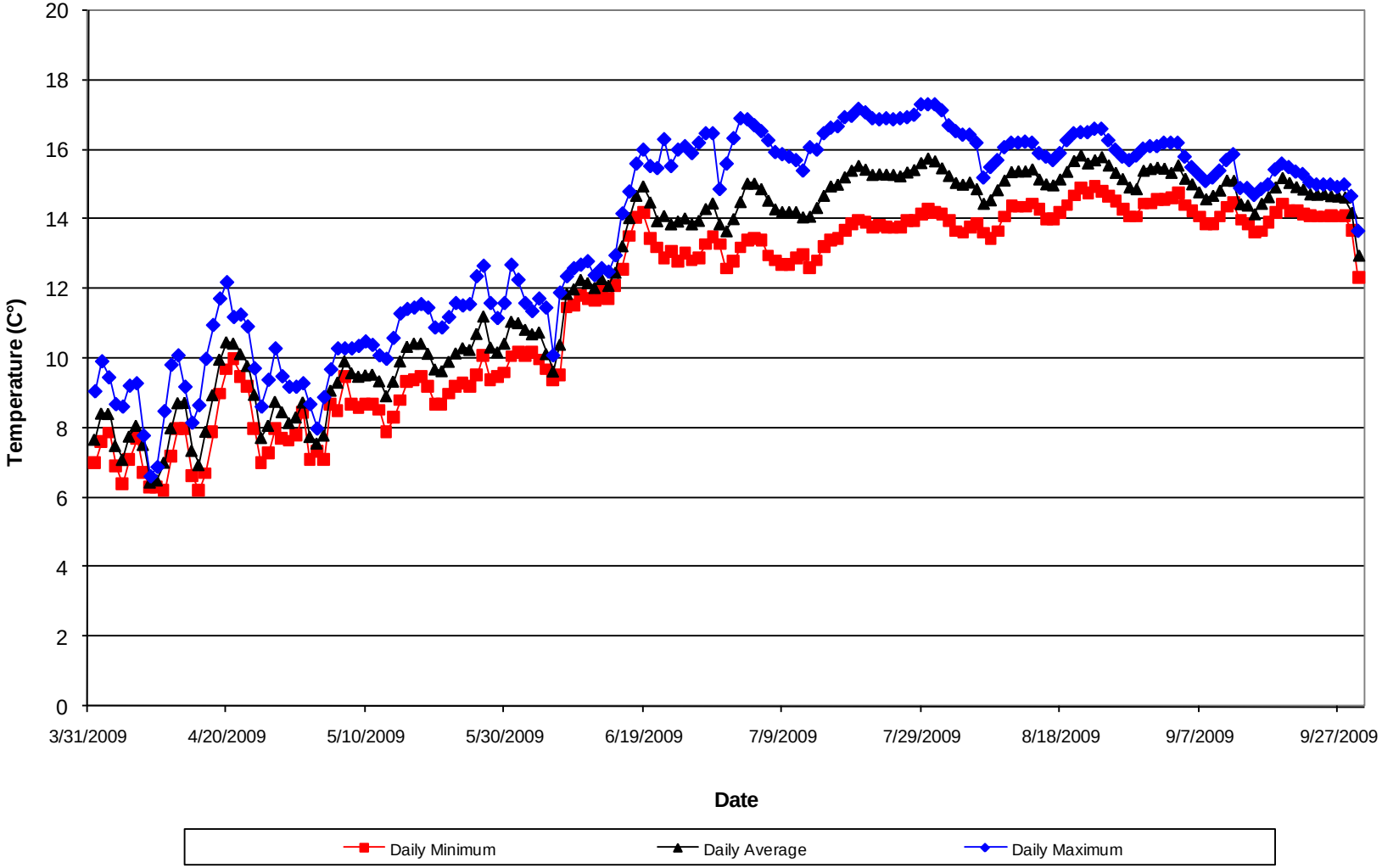


**Figure A2-14**
**Station NFMR5 - North Fork Mokelumne River at Electra Diversion Dam**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station TCP, Flow Data M46 (data are provisonal)**

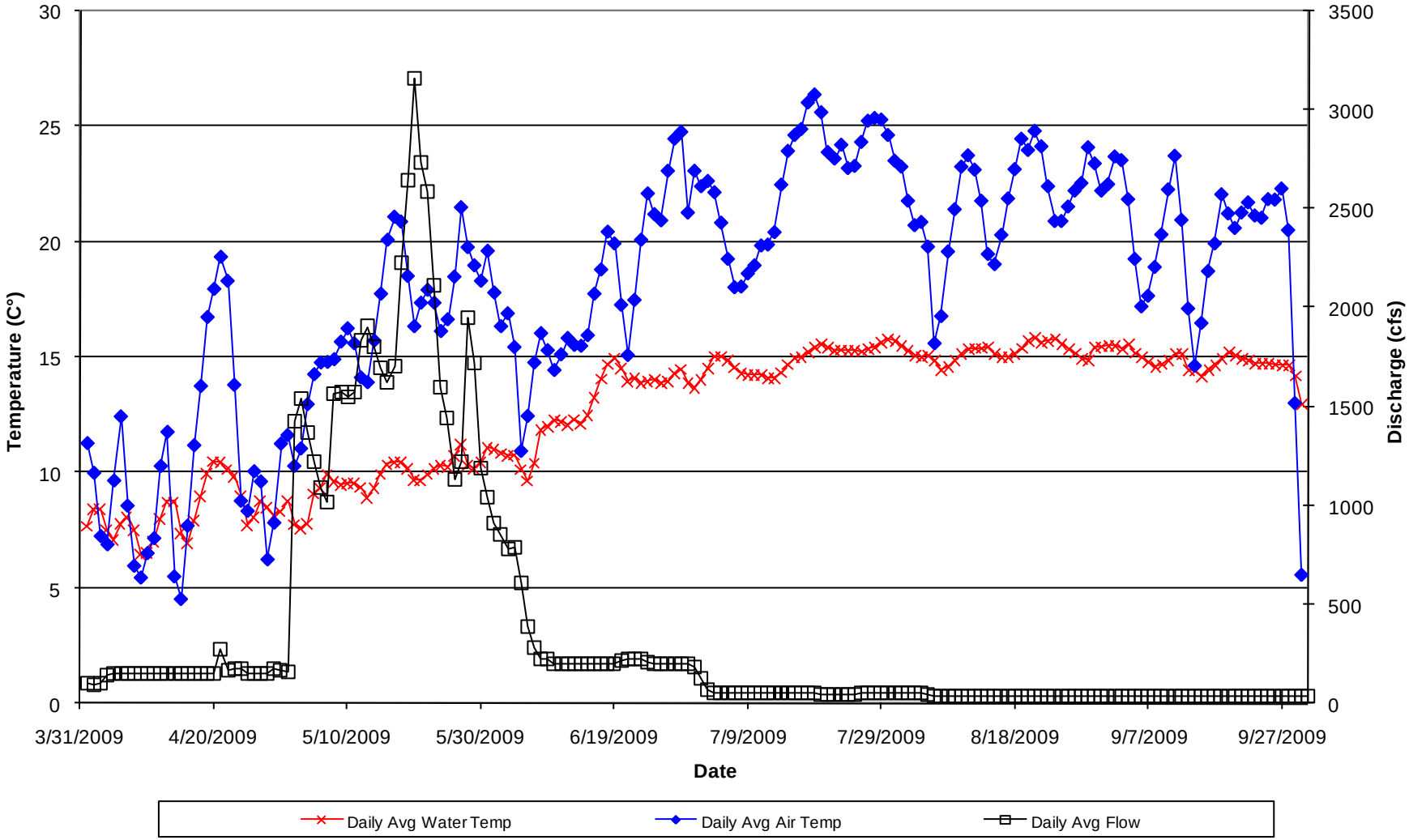


**Figure A1-15**
**Station MR1 - Mokelumne River above Electra Powerhouse**
**Minimum, Average, and Maximum Water Temperature (C°)**

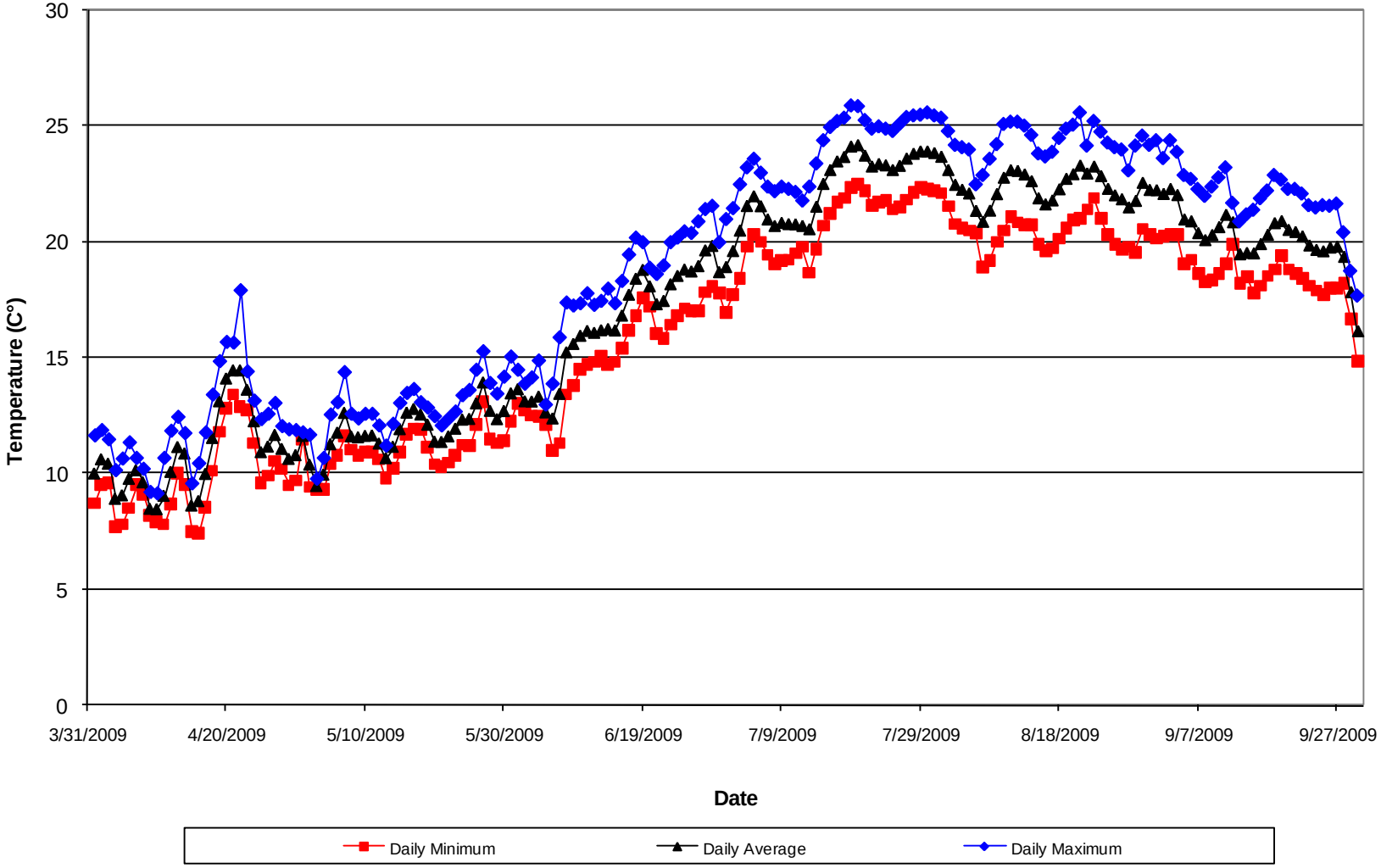
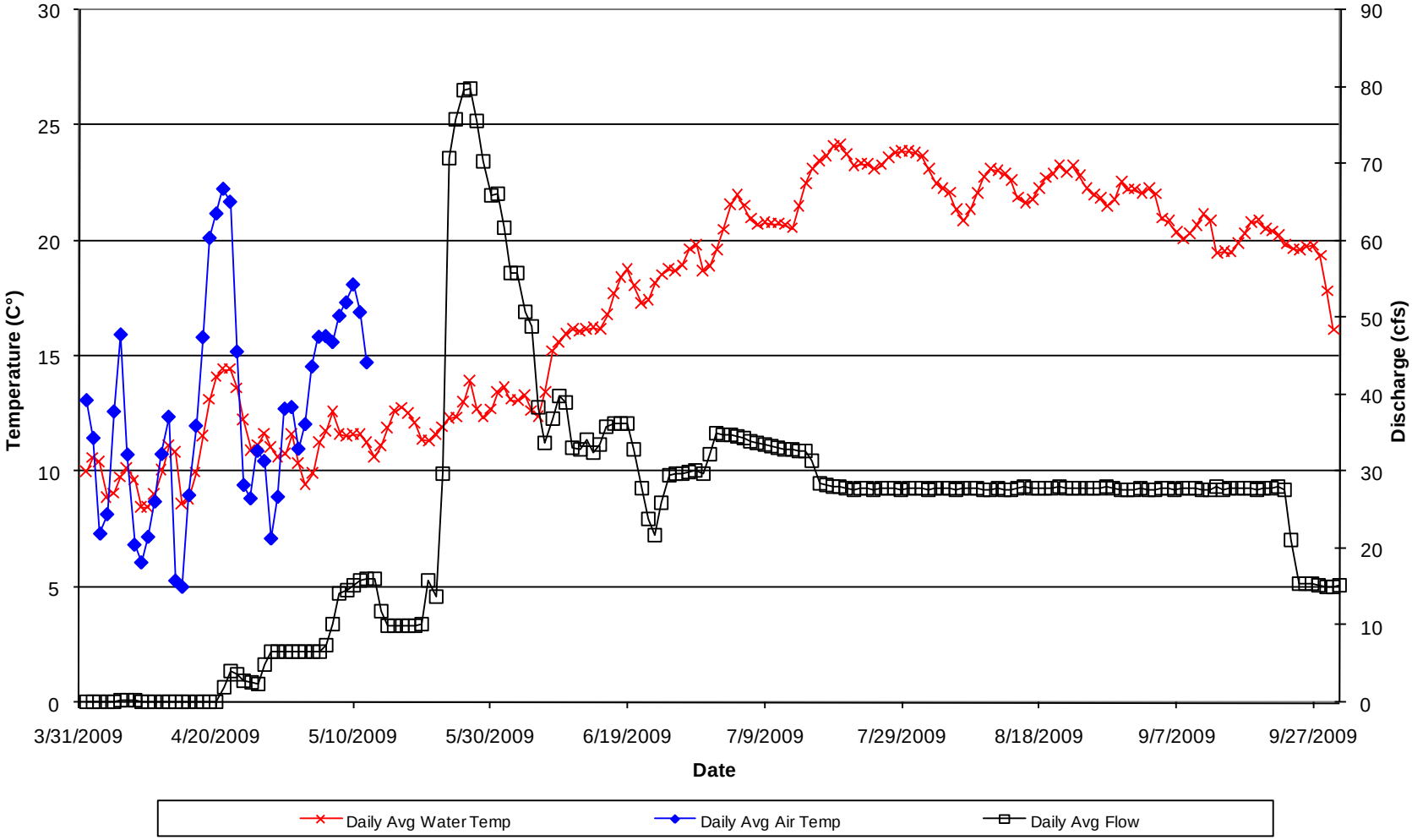


**Figure A2-15**
**Station MR1 - Mokelumne River above Electra Powerhouse**
**Daily Average Water Temp (C°), Daily Average Air Temp (C°), and Daily Average Flow**
**CDEC Air Temp Station ESP, M46 (data are provisonal)**



**Appendix B**

Hourly Water Temperature Data, 2009

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Upper Blue Lake**
**Station BC1**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3.2 | 3.3 | 3.4 | 3.4 | 3.6 | 3.7 | 3.8 | 3.8 | 3.6 | 3.6 | 3.6 | 3.5 | 3.4 | 3.1 | 3.8 | 0.7 |
| 6/2/2009 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.7 | 3.7 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.7 | 3.5 | 3.9 | 0.4 |
| 6/3/2009 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 | 4.1 | 4.3 | 4.3 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.9 | 3.9 | 4.0 | 3.8 | 4.3 | 0.5 |
| 6/4/2009 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 4.0 | 4.2 | 4.6 | 4.9 | 5.0 | 5.1 | 5.1 | 5.0 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.7 | 4.4 | 3.8 | 5.1 | 1.3 |
| 6/5/2009 | 4.6 | 4.7 | 4.7 | 4.5 | 4.3 | 4.2 | 4.1 | 4.2 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 | 4.3 | 4.1 | 4.7 | 0.6 |
| 6/6/2009 | 4.1 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 4.0 | 4.0 | 4.1 | 4.1 | 4.1 | 4.2 | 4.4 | 4.5 | 4.5 | 4.5 | 4.4 | 4.4 | 4.2 | 4.1 | 3.9 | 4.5 | 0.6 |
| 6/7/2009 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.5 | 4.9 | 5.1 | 5.3 | 5.4 | 5.3 | 5.5 | 5.5 | 5.6 | 5.7 | 5.6 | 5.6 | 5.6 | 5.2 | 4.8 | 4.1 | 5.7 | 1.6 |
| 6/8/2009 | 4.9 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 5.1 | 5.5 | 5.8 | 6.0 | 6.1 | 5.9 | 6.0 | 6.3 | 6.3 | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.4 | 5.4 | 4.8 | 6.3 | 1.5 |
| 6/9/2009 | 5.4 | 5.3 | 5.3 | 5.3 | 5.2 | 5.0 | 5.1 | 5.1 | 5.2 | 5.5 | 5.7 | 6.0 | 6.2 | 5.7 | 5.6 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 | 6.1 | 5.9 | 5.8 | 5.7 | 5.0 | 6.3 | 1.3 |
| 6/10/2009 | 5.6 | 5.6 | 5.7 | 5.6 | 5.6 | 5.6 | 5.7 | 5.8 | 5.8 | 5.7 | 5.6 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.0 | 5.6 | 6.5 | 0.9 |
| 6/11/2009 | 6.3 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.1 | 5.9 | 5.8 | 6.2 | 6.5 | 6.6 | 6.5 | 6.6 | 6.6 | 6.6 | 6.8 | 6.7 | 6.7 | 6.8 | 6.7 | 6.7 | 6.6 | 6.4 | 5.8 | 6.8 | 1.0 |
| 6/12/2009 | 6.6 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.6 | 7.1 | 7.3 | 7.3 | 7.4 | 7.6 | 7.7 | 7.8 | 7.8 | 7.7 | 7.6 | 7.4 | 7.2 | 7.1 | 7.0 | 6.4 | 7.8 | 1.5 |
| 6/13/2009 | 7.2 | 7.3 | 7.3 | 7.2 | 6.9 | 7.0 | 7.1 | 6.9 | 6.8 | 7.1 | 7.6 | 7.8 | 7.8 | 7.8 | 8.0 | 8.2 | 8.3 | 8.4 | 8.3 | 8.3 | 8.1 | 7.8 | 7.8 | 7.7 | 7.6 | 6.8 | 8.4 | 1.6 |
| 6/14/2009 | 7.8 | 7.7 | 7.5 | 7.3 | 7.4 | 7.5 | 7.5 | 7.4 | 7.3 | 7.4 | 7.5 | 7.9 | 8.0 | 7.7 | 8.1 | 8.6 | 8.7 | 8.7 | 8.8 | 8.8 | 8.0 | 8.1 | 8.5 | 8.6 | 8.0 | 7.3 | 8.8 | 1.5 |
| 6/15/2009 | 7.7 | 7.4 | 8.2 | 7.9 | 7.5 | 7.6 | 7.7 | 8.1 | 8.1 | 7.8 | 7.7 | 7.6 | 7.9 | 8.6 | 9.2 | 9.3 | 9.0 | 9.2 | 9.1 | 6.9 | 6.3 | 6.8 | 7.7 | 8.2 | 8.0 | 6.3 | 9.3 | 3.1 |
| 6/16/2009 | 8.3 | 8.1 | 8.3 | 8.7 | 8.2 | 8.5 | 8.7 | 8.2 | 8.4 | 8.3 | 8.2 | 8.7 | 8.5 | 8.3 | 8.7 | 8.9 | 9.1 | 9.2 | 9.3 | 9.6 | 9.6 | 9.4 | 9.3 | 9.8 | 8.8 | 8.1 | 9.8 | 1.7 |
| 6/17/2009 | 9.8 | 7.4 | 7.7 | 8.5 | 8.6 | 8.6 | 8.9 | 9.0 | 8.2 | 8.4 | 8.9 | 9.2 | 9.1 | 8.8 | 9.4 | 9.5 | 10.1 | 11.2 | 11.2 | 11.4 | 8.8 | 8.1 | 7.6 | 8.0 | 9.0 | 7.4 | 11.4 | 4.0 |
| 6/18/2009 | 8.4 | 8.5 | 9.2 | 9.5 | 8.0 | 8.5 | 9.6 | 10.1 | 8.5 | 8.2 | 8.4 | 8.9 | 9.7 | 10.1 | 10.1 | 9.9 | 10.6 | 11.6 | 11.4 | 10.3 | 7.3 | 6.7 | 8.2 | 8.9 | 9.2 | 6.7 | 11.6 | 4.9 |
| 6/19/2009 | 9.4 | 9.9 | 9.9 | 9.2 | 8.6 | 8.7 | 9.0 | 8.4 | 8.5 | 8.7 | 9.3 | 9.8 | 10.3 | 9.4 | 8.7 | 8.9 | 9.7 | 9.6 | 9.0 | 10.2 | 10.3 | 8.9 | 8.6 | 9.2 | 9.3 | 8.4 | 10.3 | 2.0 |
| 6/20/2009 | 9.4 | 10.0 | 9.5 | 10.1 | 10.2 | 10.3 | 10.5 | 10.1 | 9.9 | 9.1 | 9.0 | 9.9 | 10.5 | 10.0 | 10.1 | 9.5 | 9.5 | 9.7 | 9.6 | 10.8 | 10.4 | 10.7 | 9.0 | 9.1 | 9.9 | 9.0 | 10.8 | 1.9 |
| 6/21/2009 | 10.8 | 10.9 | 10.3 | 10.0 | 10.8 | 11.2 | 11.1 | 9.7 | 8.9 | 10.4 | 11.4 | 11.3 | 10.1 | 9.9 | 9.9 | 9.7 | 10.7 | 11.7 | 9.2 | 10.5 | 10.9 | 10.4 | 11.1 | 9.7 | 10.4 | 8.9 | 11.7 | 2.8 |
| 6/22/2009 | 9.8 | 9.8 | 10.5 | 10.9 | 10.3 | 11.5 | 11.1 | 11.5 | 10.8 | 10.7 | 11.2 | 11.1 | 11.4 | 8.8 | 10.7 | 11.4 | 11.0 | 10.9 | 11.5 | 11.6 | 10.9 | 9.2 | 11.1 | 11.7 | 10.8 | 8.8 | 11.7 | 2.9 |
| 6/23/2009 | 11.0 | 10.8 | 11.1 | 11.5 | 11.0 | 10.8 | 9.9 | 11.1 | 11.2 | 9.2 | 10.5 | 11.4 | 10.9 | 11.0 | 11.4 | 11.3 | 11.9 | 12.6 | 11.8 | 12.1 | 11.1 | 11.0 | 8.5 | 9.1 | 10.9 | 8.5 | 12.6 | 4.2 |
| 6/24/2009 | 10.6 | 11.1 | 11.4 | 11.5 | 11.5 | 11.5 | 11.5 | 11.2 | 11.1 | 11.6 | 11.9 | 12.1 | 12.7 | 13.3 | 13.4 | 13.2 | 13.5 | 13.2 | 13.8 | 13.7 | 13.5 | 13.3 | 12.8 | 12.5 | 12.3 | 10.6 | 13.8 | 3.2 |
| 6/25/2009 | 12.4 | 12.6 | 12.8 | 13.0 | 13.1 | 12.9 | 12.6 | 12.8 | 13.0 | 13.1 | 12.7 | 12.8 | 13.3 | 13.8 | 14.2 | 13.6 | 12.3 | 12.4 | 12.4 | 13.2 | 13.3 | 13.6 | 13.7 | 12.6 | 13.0 | 12.3 | 14.2 | 1.8 |
| 6/26/2009 | 13.1 | 13.4 | 13.2 | 13.5 | 13.3 | 13.4 | 12.7 | 13.1 | 13.2 | 13.4 | 13.2 | 12.9 | 13.3 | 13.7 | 13.2 | 13.3 | 14.8 | 15.6 | 15.0 | 14.3 | 15.2 | 14.4 | 13.4 | 14.0 | 13.7 | 12.7 | 15.6 | 2.9 |
| 6/27/2009 | 14.4 | 13.7 | 13.6 | 14.0 | 13.4 | 13.4 | 13.6 | 13.9 | 13.7 | 14.0 | 13.8 | 14.0 | 13.6 | 13.5 | 13.8 | 14.1 | 15.3 | 15.8 | 15.3 | 15.8 | 16.1 | 15.4 | 14.4 | 14.1 | 14.3 | 13.4 | 16.1 | 2.7 |
| 6/28/2009 | 14.4 | 13.9 | 14.1 | 14.9 | 13.8 | 14.1 | 14.6 | 14.9 | 14.5 | 14.2 | 13.5 | 14.4 | 14.1 | 14.4 | 15.2 | 16.0 | 16.9 | 17.0 | 16.8 | 16.6 | 16.3 | 15.6 | 14.1 | 14.5 | 14.9 | 13.5 | 17.0 | 3.4 |
| 6/29/2009 | 14.9 | 14.6 | 14.7 | 15.2 | 15.2 | 15.0 | 14.9 | 15.1 | 14.5 | 14.8 | 15.4 | 15.0 | 14.4 | 15.0 | 16.3 | 15.2 | 14.8 | 16.3 | 17.4 | 17.0 | 17.0 | 16.4 | 15.8 | 15.3 | 15.4 | 14.4 | 17.4 | 2.9 |
| 6/30/2009 | 15.4 | 15.2 | 15.3 | 15.1 | 15.3 | 15.7 | 15.7 | 15.6 | 15.5 | 15.3 | 15.2 | 15.0 | 15.5 | 15.4 | 15.1 | 16.3 | 16.6 | 15.7 | 15.4 | 16.1 | 16.3 | 16.0 | 15.6 | 15.6 | 15.6 | 15.0 | 16.6 | 1.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 3.4 | Minimum | 3.1 |
| Mean Daily Mean | 8.7 | Mean Minimum | 7.7 |
| Maximum Daily Mean | 15.6 | | |
| | | Maximum | 17.4 |
| Minumum Range | 0.4 | Mean Maximum | 9.8 |
| Maximum Range | 4.9 | | |
| | | Mean Range | 2.0 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Upper Blue Lake**
**Station BC1**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 15.3 | 15.3 | 15.5 | 15.5 | 15.4 | 15.4 | 15.2 | 15.2 | 15.4 | 15.3 | 15.3 | 15.2 | 15.6 | 16.1 | 16.1 | 16.1 | 16.7 | 16.4 | 17.0 | 17.3 | 16.3 | 15.9 | 16.3 | 16.2 | 15.8 | 15.2 | 17.3 | 2.1 |
| 7/2/2009 | 15.3 | 15.9 | 15.6 | 15.6 | 15.8 | 15.7 | 15.9 | 15.9 | 15.8 | 15.4 | 15.5 | 15.8 | 15.8 | 15.7 | 16.0 | 16.6 | 16.8 | 16.7 | 17.1 | 16.8 | 16.3 | 16.5 | 16.1 | 15.9 | 16.0 | 15.3 | 17.1 | 1.8 |
| 7/3/2009 | 16.1 | 16.2 | 16.3 | 16.3 | 16.0 | 15.8 | 15.9 | 15.8 | 15.7 | 15.6 | 16.0 | 16.3 | 16.6 | 16.8 | 16.7 | 16.9 | 16.9 | 17.0 | 16.8 | 16.8 | 17.3 | 17.1 | 16.6 | 16.8 | 16.4 | 15.6 | 17.3 | 1.7 |
| 7/4/2009 | 16.7 | 16.6 | 16.6 | 16.1 | 16.0 | 16.3 | 16.3 | 16.1 | 16.3 | 16.5 | 16.5 | 16.7 | 16.5 | 16.6 | 16.9 | 17.2 | 17.4 | 17.6 | 17.5 | 17.3 | 17.0 | 16.8 | 16.7 | 16.6 | 16.7 | 16.0 | 17.6 | 1.6 |
| 7/5/2009 | 16.7 | 16.6 | 16.8 | 16.6 | 16.6 | 16.5 | 16.1 | 16.3 | 16.2 | 16.3 | 16.5 | 16.8 | 17.1 | 17.2 | 17.2 | 17.4 | 17.6 | 17.5 | 17.6 | 17.5 | 17.6 | 17.4 | 17.3 | 17.3 | 16.9 | 16.1 | 17.6 | 1.6 |
| 7/6/2009 | 17.2 | 17.2 | 17.1 | 16.9 | 16.8 | 16.7 | 16.6 | 16.4 | 16.6 | 16.6 | 16.8 | 16.8 | 16.9 | 17.0 | 17.2 | 17.3 | 17.3 | 17.6 | 17.4 | 17.3 | 17.4 | 17.2 | 17.0 | 16.9 | 17.0 | 16.4 | 17.6 | 1.2 |
| 7/7/2009 | 16.8 | 16.6 | 16.5 | 16.4 | 16.3 | 16.3 | 16.1 | 16.0 | 15.9 | 16.1 | 16.2 | 16.4 | 16.6 | 16.7 | 16.8 | 16.7 | 16.9 | 17.0 | 16.9 | 16.9 | 16.7 | 16.5 | 16.5 | 16.3 | 16.5 | 15.9 | 17.0 | 1.1 |
| 7/8/2009 | 16.1 | 16.1 | 15.9 | 15.8 | 15.8 | 15.7 | 15.6 | 15.6 | 15.5 | 15.5 | 15.8 | 15.9 | 16.1 | 16.4 | 16.6 | 16.6 | 16.8 | 16.8 | 16.6 | 16.7 | 16.4 | 16.3 | 16.2 | 16.0 | 16.1 | 15.5 | 16.8 | 1.3 |
| 7/9/2009 | 15.8 | 15.9 | 15.7 | 15.6 | 15.6 | 15.4 | 15.3 | 15.3 | 15.2 | 15.3 | 15.5 | 15.6 | 15.8 | 16.1 | 16.1 | 16.4 | 16.4 | 16.4 | 16.5 | 16.6 | 16.2 | 16.2 | 16.0 | 15.9 | 15.9 | 15.2 | 16.6 | 1.3 |
| 7/10/2009 | 15.8 | 15.8 | 15.7 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.3 | 15.4 | 15.5 | 15.8 | 16.0 | 16.0 | 16.3 | 16.6 | 16.6 | 16.6 | 16.6 | 16.4 | 16.3 | 16.2 | 16.0 | 16.0 | 15.9 | 15.3 | 16.6 | 1.3 |
| 7/11/2009 | 16.0 | 15.9 | 15.8 | 15.8 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 | 15.5 | 15.6 | 15.9 | 16.2 | 16.2 | 16.3 | 16.4 | 16.4 | 16.7 | 16.5 | 16.3 | 16.3 | 16.2 | 15.9 | 16.1 | 16.0 | 15.4 | 16.7 | 1.3 |
| 7/12/2009 | 15.9 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.5 | 15.6 | 15.6 | 15.6 | 15.8 | 16.1 | 16.2 | 16.5 | 16.6 | 16.7 | 16.8 | 16.7 | 16.6 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 16.1 | 15.5 | 16.8 | 1.3 |
| 7/13/2009 | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.8 | 15.8 | 16.1 | 16.2 | 16.3 | 16.7 | 16.8 | 16.8 | 16.8 | 17.0 | 16.8 | 17.0 | 16.9 | 16.6 | 16.6 | 16.2 | 15.6 | 17.0 | 1.4 |
| 7/14/2009 | 16.3 | 16.2 | 16.1 | 16.1 | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.9 | 16.0 | 16.1 | 16.3 | 16.4 | 16.7 | 17.0 | 17.1 | 17.0 | 17.2 | 17.3 | 17.3 | 17.1 | 16.8 | 16.8 | 16.5 | 15.8 | 17.3 | 1.5 |
| 7/15/2009 | 16.7 | 16.6 | 16.5 | 16.4 | 16.4 | 16.4 | 16.3 | 16.3 | 16.3 | 16.4 | 16.6 | 17.0 | 17.3 | 17.6 | 17.7 | 17.8 | 18.1 | 17.9 | 17.9 | 17.9 | 17.7 | 17.6 | 17.4 | 17.3 | 17.1 | 16.3 | 18.1 | 1.8 |
| 7/16/2009 | 17.3 | 17.2 | 17.1 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 | 17.0 | 17.2 | 17.5 | 17.8 | 17.9 | 18.1 | 18.2 | 18.4 | 18.5 | 18.2 | 18.1 | 18.1 | 18.0 | 17.8 | 17.8 | 17.6 | 16.9 | 18.5 | 1.6 |
| 7/17/2009 | 17.6 | 17.6 | 17.6 | 17.6 | 17.5 | 17.4 | 17.4 | 17.3 | 17.3 | 17.5 | 17.6 | 17.8 | 17.8 | 17.8 | 17.8 | 18.4 | 18.5 | 18.6 | 18.7 | 18.5 | 18.4 | 18.5 | 18.3 | 18.1 | 17.9 | 17.3 | 18.7 | 1.5 |
| 7/18/2009 | 18.5 | 18.3 | 18.3 | 18.1 | 18.1 | 18.0 | 17.9 | 17.9 | 18.0 | 18.1 | 18.3 | 18.4 | 18.7 | 18.7 | 18.8 | 18.8 | 18.9 | 19.2 | 19.3 | 19.3 | 19.1 | 19.1 | 18.9 | 18.8 | 18.6 | 17.9 | 19.3 | 1.4 |
| 7/19/2009 | 18.8 | 18.6 | 18.5 | 18.6 | 18.4 | 18.5 | 18.3 | 18.4 | 18.3 | 18.4 | 18.7 | 18.8 | 19.1 | 19.4 | 19.4 | 19.6 | 19.4 | 19.6 | 19.4 | 19.6 | 19.4 | 19.3 | 19.2 | 19.2 | 19.0 | 18.3 | 19.6 | 1.3 |
| 7/20/2009 | 19.1 | 19.0 | 19.0 | 18.9 | 18.9 | 18.8 | 18.7 | 18.7 | 18.8 | 19.0 | 19.0 | 19.2 | 19.5 | 19.6 | 19.4 | 19.7 | 19.9 | 20.1 | 20.0 | 19.9 | 19.8 | 19.7 | 19.7 | 19.1 | 19.3 | 18.7 | 20.1 | 1.4 |
| 7/21/2009 | 19.4 | 19.4 | 19.3 | 19.3 | 19.1 | 19.2 | 18.9 | 19.0 | 18.9 | 19.0 | 19.2 | 19.4 | 19.6 | 19.7 | 20.0 | 19.7 | 19.5 | 19.8 | 19.8 | 19.9 | 19.8 | 19.7 | 19.7 | 19.5 | 19.4 | 18.9 | 20.0 | 1.1 |
| 7/22/2009 | 19.4 | 19.2 | 19.2 | 19.1 | 19.1 | 19.0 | 18.9 | 18.9 | 19.0 | 19.1 | 19.0 | 19.4 | 19.7 | 19.5 | 19.9 | 20.0 | 20.2 | 20.3 | 20.1 | 20.2 | 20.0 | 19.8 | 19.7 | 19.7 | 19.5 | 18.9 | 20.3 | 1.4 |
| 7/23/2009 | 19.6 | 19.6 | 19.6 | 19.5 | 19.5 | 19.3 | 19.3 | 19.3 | 19.3 | 19.6 | 19.8 | 20.1 | 20.0 | 20.2 | 20.4 | 20.4 | 20.8 | 20.5 | 20.7 | 20.5 | 20.5 | 20.3 | 20.1 | 20.1 | 20.0 | 19.3 | 20.8 | 1.5 |
| 7/24/2009 | 20.0 | 20.0 | 19.9 | 19.9 | 19.7 | 19.7 | 19.6 | 19.4 | 19.6 | 19.7 | 19.9 | 20.2 | 20.4 | 20.5 | 20.7 | 20.6 | 20.7 | 21.1 | 20.8 | 20.9 | 20.6 | 20.5 | 20.3 | 20.1 | 20.2 | 19.4 | 21.1 | 1.6 |
| 7/25/2009 | 20.1 | 20.0 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.6 | 19.6 | 19.8 | 20.0 | 20.2 | 20.4 | 20.5 | 20.7 | 20.9 | 20.8 | 20.9 | 20.9 | 20.7 | 20.7 | 20.6 | 20.4 | 20.3 | 20.3 | 19.6 | 20.9 | 1.3 |
| 7/26/2009 | 20.3 | 20.2 | 20.1 | 20.0 | 20.0 | 19.9 | 19.8 | 19.7 | 19.8 | 20.0 | 20.2 | 20.4 | 20.6 | 20.5 | 20.6 | 21.1 | 21.4 | 21.6 | 22.1 | 21.9 | 21.3 | 20.9 | 21.0 | 20.6 | 20.6 | 19.7 | 22.1 | 2.4 |
| 7/27/2009 | 20.6 | 20.5 | 20.5 | 20.4 | 20.3 | 20.1 | 20.0 | 20.1 | 20.1 | 20.3 | 20.4 | 20.5 | 20.7 | 20.7 | 21.0 | 21.9 | 21.9 | 22.1 | 22.3 | 21.9 | 21.3 | 21.1 | 20.8 | 20.8 | 20.8 | 20.0 | 22.3 | 2.3 |
| 7/28/2009 | 20.8 | 20.6 | 20.5 | 20.5 | 20.4 | 20.1 | 20.2 | 20.2 | 20.2 | 20.2 | 20.4 | 20.6 | 20.5 | 21.0 | 21.2 | 21.3 | 20.5 | 20.7 | 20.6 | 20.4 | 20.6 | 20.4 | 20.5 | 20.3 | 20.5 | 20.1 | 21.3 | 1.2 |
| 7/29/2009 | 20.3 | 19.9 | 20.1 | 19.9 | 19.8 | 19.8 | 19.6 | 19.7 | 19.7 | 20.0 | 20.2 | 20.3 | 20.4 | 20.6 | 20.2 | 20.1 | 20.4 | 20.2 | 20.2 | 20.0 | 19.9 | 19.9 | 19.7 | 19.8 | 20.0 | 19.6 | 20.6 | 1.0 |
| 7/30/2009 | 19.6 | 19.6 | 19.5 | 19.5 | 19.3 | 19.3 | 19.3 | 19.2 | 19.3 | 19.4 | 19.7 | 20.1 | 19.9 | 20.4 | 20.7 | 22.0 | 22.0 | 21.6 | 21.2 | 20.9 | 20.9 | 20.7 | 20.4 | 20.3 | 20.2 | 19.2 | 22.0 | 2.8 |
| 7/31/2009 | 20.2 | 20.1 | 20.1 | 20.0 | 19.8 | 19.7 | 19.7 | 19.7 | 19.7 | 19.8 | 20.0 | 20.4 | 20.6 | 20.7 | 20.8 | 21.2 | 21.1 | 20.8 | 20.2 | 19.6 | 19.5 | 19.6 | 19.7 | 19.7 | 20.1 | 19.5 | 21.2 | 1.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 15.8 | Minimum | 15.2 |
| Mean Daily Mean | 18.0 | Mean Minimum | 17.4 |
| Maximum Daily Mean | 20.8 | | |
| | | Maximum | 22.3 |
| Minumum Range | 1.0 | Mean Maximum | 18.9 |
| Maximum Range | 2.8 | | |
| | | Mean Range | 1.5 |
| # of Days <= 20 (ºC) | 28 | | |
| # of Days > 20 (ºC) | 3 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Upper Blue Lake**
**Station BC1**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 19.7 | 19.8 | 19.8 | 19.7 | 19.7 | 19.7 | 19.6 | 19.6 | 19.6 | 19.8 | 19.7 | 20.1 | 20.1 | 20.3 | 20.4 | 20.6 | 21.0 | 21.1 | 21.0 | 20.7 | 20.4 | 20.3 | 20.3 | 20.1 | 20.1 | 19.6 | 21.1 | 1.5 |
| 8/2/2009 | 20.1 | 19.9 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.5 | 19.5 | 19.6 | 19.8 | 20.1 | 20.5 | 20.6 | 20.8 | 20.9 | 20.8 | 20.9 | 20.8 | 20.6 | 20.5 | 20.3 | 20.2 | 20.1 | 20.2 | 19.5 | 20.9 | 1.4 |
| 8/3/2009 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.5 | 19.4 | 19.4 | 19.6 | 19.7 | 19.8 | 20.1 | 20.2 | 20.7 | 20.8 | 20.7 | 20.7 | 20.7 | 20.6 | 20.3 | 20.1 | 20.0 | 19.9 | 20.0 | 19.4 | 20.8 | 1.4 |
| 8/4/2009 | 19.8 | 19.6 | 19.5 | 19.5 | 19.4 | 19.4 | 19.3 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.5 | 19.5 | 20.0 | 20.2 | 20.3 | 20.2 | 20.1 | 20.0 | 19.8 | 19.6 | 19.5 | 19.3 | 19.6 | 19.2 | 20.3 | 1.0 |
| 8/5/2009 | 19.2 | 19.0 | 18.9 | 18.8 | 18.7 | 18.7 | 18.7 | 18.6 | 18.6 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 | 19.6 | 19.6 | 19.5 | 19.4 | 19.2 | 19.0 | 18.9 | 18.7 | 18.4 | 18.2 | 19.0 | 18.2 | 19.6 | 1.4 |
| 8/6/2009 | 18.1 | 18.1 | 17.9 | 17.9 | 17.8 | 17.8 | 17.7 | 17.7 | 17.6 | 17.5 | 17.3 | 17.4 | 17.6 | 17.8 | 18.1 | 18.1 | 17.9 | 17.6 | 17.5 | 17.4 | 17.2 | 17.1 | 17.0 | 16.9 | 17.6 | 16.9 | 18.1 | 1.2 |
| 8/7/2009 | 16.8 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.3 | 16.4 | 16.6 | 16.7 | 16.8 | 16.9 | 16.9 | 17.0 | 17.0 | 16.9 | 16.7 | 16.5 | 16.3 | 16.2 | 16.2 | 16.2 | 16.6 | 16.2 | 17.0 | 0.8 |
| 8/8/2009 | 16.1 | 16.0 | 16.0 | 15.9 | 15.8 | 15.8 | 15.7 | 15.7 | 15.7 | 15.8 | 16.1 | 16.5 | 16.7 | 16.8 | 16.9 | 17.2 | 17.6 | 17.6 | 17.3 | 17.2 | 17.2 | 16.9 | 16.6 | 16.5 | 16.5 | 15.7 | 17.6 | 1.9 |
| 8/9/2009 | 16.4 | 16.2 | 16.1 | 16.0 | 16.0 | 15.9 | 15.7 | 15.6 | 15.7 | 15.9 | 16.1 | 16.6 | 17.0 | 17.2 | 17.5 | 17.7 | 17.7 | 17.5 | 17.4 | 17.1 | 16.8 | 16.7 | 16.6 | 16.5 | 16.6 | 15.6 | 17.7 | 2.1 |
| 8/10/2009 | 16.4 | 16.3 | 16.2 | 16.1 | 16.1 | 16.0 | 16.0 | 16.0 | 16.0 | 16.2 | 16.3 | 16.5 | 16.6 | 16.8 | 17.0 | 16.8 | 17.4 | 17.4 | 17.3 | 17.2 | 17.1 | 16.9 | 16.7 | 16.6 | 16.6 | 16.0 | 17.4 | 1.4 |
| 8/11/2009 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.1 | 16.1 | 16.0 | 16.0 | 16.2 | 16.5 | 17.0 | 17.4 | 17.5 | 17.6 | 18.0 | 18.4 | 18.1 | 17.9 | 17.8 | 17.6 | 17.4 | 17.2 | 17.2 | 17.0 | 16.0 | 18.4 | 2.3 |
| 8/12/2009 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.3 | 16.4 | 16.6 | 17.0 | 17.4 | 17.7 | 17.8 | 18.4 | 18.4 | 18.4 | 18.6 | 18.2 | 17.9 | 17.7 | 17.6 | 17.5 | 17.3 | 16.2 | 18.6 | 2.4 |
| 8/13/2009 | 17.3 | 17.2 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.6 | 16.6 | 16.7 | 16.8 | 17.2 | 17.5 | 17.7 | 17.6 | 17.5 | 17.8 | 17.8 | 17.7 | 17.6 | 17.4 | 17.3 | 17.1 | 17.0 | 17.2 | 16.6 | 17.8 | 1.2 |
| 8/14/2009 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.3 | 16.1 | 16.1 | 16.3 | 16.6 | 16.9 | 17.2 | 17.6 | 17.7 | 17.8 | 17.7 | 17.6 | 17.4 | 17.2 | 16.9 | 16.7 | 16.5 | 16.5 | 16.9 | 16.1 | 17.8 | 1.8 |
| 8/15/2009 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.9 | 15.9 | 16.1 | 16.5 | 17.0 | 17.1 | 17.3 | 16.7 | 16.8 | 17.2 | 16.9 | 16.9 | 16.8 | 16.6 | 16.5 | 16.4 | 16.5 | 15.8 | 17.3 | 1.5 |
| 8/16/2009 | 16.3 | 16.2 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.8 | 16.0 | 16.2 | 16.5 | 16.8 | 17.5 | 17.8 | 18.0 | 17.5 | 17.5 | 17.6 | 17.5 | 17.3 | 17.2 | 16.9 | 16.9 | 16.7 | 15.7 | 18.0 | 2.3 |
| 8/17/2009 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.1 | 16.3 | 16.6 | 17.0 | 17.2 | 17.6 | 17.3 | 17.2 | 17.7 | 17.6 | 17.5 | 17.5 | 17.2 | 17.1 | 17.0 | 17.0 | 16.9 | 16.1 | 17.7 | 1.6 |
| 8/18/2009 | 16.9 | 16.8 | 16.6 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.2 | 16.3 | 16.6 | 16.8 | 17.2 | 17.6 | 18.1 | 18.3 | 17.9 | 18.0 | 17.9 | 17.9 | 17.6 | 17.5 | 17.4 | 17.3 | 17.1 | 16.2 | 18.3 | 2.1 |
| 8/19/2009 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 16.8 | 16.7 | 16.6 | 16.7 | 16.9 | 17.1 | 17.3 | 17.6 | 18.2 | 18.3 | 19.2 | 19.6 | 19.4 | 19.4 | 19.1 | 18.7 | 18.3 | 18.1 | 17.9 | 17.8 | 16.6 | 19.6 | 3.0 |
| 8/20/2009 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.4 | 17.2 | 17.3 | 17.5 | 17.8 | 18.2 | 18.4 | 18.8 | 19.1 | 19.4 | 19.3 | 19.4 | 19.1 | 18.8 | 18.6 | 18.5 | 18.3 | 18.1 | 18.2 | 17.2 | 19.4 | 2.2 |
| 8/21/2009 | 18.1 | 18.0 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.5 | 17.6 | 18.0 | 18.5 | 19.1 | 19.4 | 19.4 | 19.5 | 19.6 | 19.5 | 19.3 | 19.2 | 18.9 | 18.6 | 18.5 | 18.4 | 18.4 | 17.4 | 19.6 | 2.2 |
| 8/22/2009 | 18.2 | 18.1 | 18.1 | 18.0 | 18.0 | 17.9 | 17.8 | 17.7 | 17.7 | 17.8 | 18.2 | 18.6 | 18.8 | 18.8 | 19.3 | 19.2 | 19.0 | 19.0 | 18.8 | 18.6 | 18.5 | 18.4 | 18.3 | 18.3 | 18.4 | 17.7 | 19.3 | 1.6 |
| 8/23/2009 | 18.2 | 18.1 | 18.0 | 18.0 | 17.9 | 17.9 | 17.8 | 17.7 | 17.7 | 17.6 | 17.5 | 17.6 | 17.7 | 17.8 | 18.0 | 18.3 | 18.3 | 18.2 | 18.0 | 17.9 | 17.7 | 17.6 | 17.5 | 17.4 | 17.8 | 17.4 | 18.3 | 0.9 |
| 8/24/2009 | 17.4 | 17.2 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 16.8 | 16.8 | 17.0 | 17.2 | 17.6 | 18.0 | 18.4 | 18.6 | 18.9 | 19.0 | 18.9 | 18.8 | 18.4 | 18.2 | 18.0 | 17.8 | 17.7 | 17.7 | 16.8 | 19.0 | 2.2 |
| 8/25/2009 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 17.0 | 17.2 | 17.7 | 18.0 | 18.1 | 18.6 | 18.9 | 18.7 | 18.8 | 18.5 | 18.2 | 17.9 | 17.8 | 17.7 | 17.6 | 17.7 | 16.9 | 18.9 | 2.0 |
| 8/26/2009 | 17.5 | 17.3 | 17.2 | 17.1 | 17.0 | 16.8 | 16.8 | 16.8 | 16.8 | 17.0 | 17.1 | 17.4 | 17.8 | 18.3 | 18.6 | 18.8 | 18.7 | 18.8 | 18.5 | 18.1 | 17.9 | 17.8 | 17.6 | 17.5 | 17.6 | 16.8 | 18.8 | 2.0 |
| 8/27/2009 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.8 | 16.8 | 17.0 | 17.3 | 17.6 | 18.1 | 18.4 | 18.6 | 18.7 | 18.7 | 18.5 | 18.3 | 18.1 | 17.9 | 17.8 | 17.7 | 17.6 | 17.6 | 16.8 | 18.7 | 1.9 |
| 8/28/2009 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 17.0 | 17.0 | 17.0 | 17.1 | 17.2 | 17.4 | 17.6 | 18.0 | 18.4 | 18.4 | 18.1 | 18.1 | 18.0 | 17.8 | 17.6 | 17.5 | 17.4 | 17.4 | 17.5 | 17.0 | 18.4 | 1.4 |
| 8/29/2009 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 16.8 | 16.8 | 16.8 | 17.0 | 17.3 | 17.7 | 17.9 | 17.4 | 17.6 | 17.8 | 17.9 | 18.2 | 18.2 | 18.0 | 17.7 | 17.5 | 17.4 | 17.2 | 17.4 | 16.8 | 18.2 | 1.4 |
| 8/30/2009 | 17.2 | 17.1 | 17.1 | 17.0 | 17.0 | 16.8 | 16.8 | 16.8 | 16.8 | 17.0 | 17.2 | 17.5 | 17.8 | 18.0 | 18.2 | 18.2 | 18.2 | 18.0 | 17.8 | 17.5 | 17.3 | 17.2 | 17.0 | 16.9 | 17.4 | 16.8 | 18.2 | 1.5 |
| 8/31/2009 | 16.8 | 16.7 | 16.6 | 16.5 | 16.5 | 16.4 | 16.3 | 16.4 | 16.4 | 16.6 | 16.7 | 16.9 | 17.4 | 17.6 | 17.4 | 17.7 | 17.5 | 17.3 | 17.3 | 17.1 | 16.9 | 16.7 | 16.7 | 16.6 | 16.9 | 16.3 | 17.7 | 1.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 16.5 | Minimum | 15.6 |
| Mean Daily Mean | 17.7 | Mean Minimum | 17.0 |
| Maximum Daily Mean | 20.2 | | |
| | | Maximum | 21.1 |
| Minumum Range | 0.8 | Mean Maximum | 18.7 |
| Maximum Range | 3.0 | | |
| | | Mean Range | 1.7 |
| # of Days <= 20 (ºC) | 28 | | |
| # of Days > 20 (ºC) | 3 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Upper Blue Lake**
**Station BC1**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 16.6 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 16.1 | 16.2 | 16.4 | 16.7 | 17.1 | 17.1 | 17.4 | 17.5 | 17.4 | 17.3 | 17.1 | 16.8 | 16.7 | 16.5 | 16.4 | 16.3 | 16.7 | 16.1 | 17.5 | 1.4 |
| 9/2/2009 | 16.3 | 16.2 | 16.2 | 16.1 | 16.0 | 16.0 | 15.9 | 15.9 | 15.9 | 16.1 | 16.3 | 16.6 | 16.9 | 17.2 | 17.4 | 17.3 | 17.4 | 17.5 | 17.3 | 17.1 | 16.9 | 16.8 | 16.7 | 16.6 | 16.6 | 15.9 | 17.5 | 1.6 |
| 9/3/2009 | 16.5 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 16.0 | 16.0 | 15.9 | 16.1 | 16.4 | 16.7 | 17.0 | 17.3 | 17.7 | 17.8 | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.8 | 16.8 | 16.7 | 16.7 | 15.9 | 17.8 | 1.9 |
| 9/4/2009 | 16.6 | 16.5 | 16.4 | 16.4 | 16.3 | 16.3 | 16.2 | 16.2 | 16.1 | 16.2 | 16.4 | 16.7 | 17.0 | 17.3 | 17.5 | 17.6 | 17.7 | 17.6 | 17.4 | 17.2 | 16.9 | 16.8 | 16.7 | 16.6 | 16.8 | 16.1 | 17.7 | 1.5 |
| 9/5/2009 | 16.5 | 16.4 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 16.0 | 16.0 | 16.1 | 16.2 | 16.5 | 16.9 | 17.2 | 17.4 | 17.5 | 17.4 | 17.3 | 17.0 | 16.7 | 16.5 | 16.2 | 16.1 | 16.1 | 16.5 | 16.0 | 17.5 | 1.5 |
| 9/6/2009 | 16.0 | 15.9 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.6 | 15.8 | 16.0 | 16.3 | 16.7 | 17.0 | 17.1 | 17.0 | 16.8 | 16.5 | 16.4 | 16.1 | 15.9 | 15.7 | 15.6 | 16.1 | 15.4 | 17.1 | 1.7 |
| 9/7/2009 | 15.6 | 15.5 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.2 | 15.2 | 15.3 | 15.5 | 15.8 | 16.1 | 16.4 | 16.7 | 16.5 | 16.7 | 16.6 | 16.5 | 16.3 | 16.1 | 16.0 | 15.9 | 15.8 | 15.9 | 15.2 | 16.7 | 1.5 |
| 9/8/2009 | 15.7 | 15.6 | 15.6 | 15.4 | 15.3 | 15.2 | 15.2 | 15.1 | 15.0 | 15.1 | 15.3 | 15.6 | 15.9 | 16.3 | 16.9 | 16.8 | 16.6 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 15.9 | 15.8 | 15.8 | 15.0 | 16.9 | 1.9 |
| 9/9/2009 | 15.7 | 15.7 | 15.6 | 15.6 | 15.4 | 15.3 | 15.3 | 15.2 | 15.2 | 15.4 | 15.6 | 15.9 | 16.5 | 16.6 | 16.9 | 17.1 | 17.1 | 17.0 | 16.8 | 16.6 | 16.4 | 16.3 | 16.2 | 16.1 | 16.1 | 15.2 | 17.1 | 1.9 |
| 9/10/2009 | 16.0 | 15.9 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.5 | 15.5 | 15.7 | 15.9 | 16.2 | 16.6 | 16.9 | 17.4 | 17.4 | 17.6 | 17.5 | 17.2 | 17.1 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 15.5 | 17.6 | 2.1 |
| 9/11/2009 | 16.4 | 16.3 | 16.2 | 16.0 | 16.0 | 15.9 | 15.8 | 15.7 | 15.7 | 15.9 | 16.1 | 16.4 | 16.5 | 16.6 | 16.5 | 16.5 | 16.6 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 16.2 | 15.7 | 16.6 | 0.9 |
| 9/12/2009 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.9 | 16.1 | 16.4 | 16.4 | 16.5 | 16.7 | 16.8 | 16.9 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 16.0 | 16.0 | 16.2 | 15.8 | 16.9 | 1.1 |
| 9/13/2009 | 15.9 | 15.8 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.4 | 15.5 | 15.7 | 16.0 | 16.3 | 16.6 | 16.7 | 16.8 | 16.8 | 16.5 | 16.3 | 16.1 | 15.9 | 15.8 | 15.7 | 15.6 | 15.9 | 15.4 | 16.8 | 1.4 |
| 9/14/2009 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 14.9 | 14.8 | 14.9 | 14.9 | 15.0 | 15.1 | 15.2 | 15.5 | 15.9 | 16.1 | 16.4 | 16.3 | 16.1 | 15.9 | 15.8 | 15.6 | 15.4 | 15.3 | 15.2 | 15.5 | 14.8 | 16.4 | 1.6 |
| 9/15/2009 | 15.0 | 14.9 | 14.8 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.4 | 14.5 | 14.7 | 15.0 | 15.3 | 15.5 | 15.6 | 15.6 | 15.4 | 15.1 | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.9 | 14.4 | 15.6 | 1.3 |
| 9/16/2009 | 14.4 | 14.3 | 14.2 | 14.3 | 14.2 | 14.2 | 14.2 | 14.3 | 14.3 | 14.6 | 14.9 | 15.5 | 16.1 | 16.3 | 16.6 | 17.0 | 16.8 | 16.7 | 16.4 | 16.1 | 15.8 | 15.7 | 15.6 | 15.5 | 15.3 | 14.2 | 17.0 | 2.8 |
| 9/17/2009 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 15.0 | 14.9 | 14.8 | 15.0 | 15.2 | 15.5 | 15.9 | 16.3 | 16.6 | 16.6 | 16.7 | 16.7 | 16.4 | 16.1 | 16.0 | 15.8 | 15.8 | 15.7 | 15.7 | 14.8 | 16.7 | 1.9 |
| 9/18/2009 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 15.0 | 15.0 | 15.2 | 15.5 | 15.9 | 16.1 | 16.5 | 16.7 | 16.9 | 16.9 | 16.8 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.8 | 15.0 | 16.9 | 1.9 |
| 9/19/2009 | 15.7 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 15.0 | 15.0 | 15.2 | 15.3 | 15.3 | 15.5 | 15.8 | 16.2 | 16.4 | 16.3 | 16.1 | 15.9 | 15.6 | 15.3 | 15.2 | 15.1 | 15.1 | 15.5 | 15.0 | 16.4 | 1.4 |
| 9/20/2009 | 15.0 | 14.9 | 14.9 | 14.8 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.9 | 15.1 | 15.4 | 15.6 | 15.8 | 16.1 | 15.8 | 15.5 | 15.3 | 15.1 | 15.0 | 14.9 | 14.8 | 14.6 | 14.5 | 15.1 | 14.5 | 16.1 | 1.6 |
| 9/21/2009 | 14.3 | 14.2 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 13.8 | 13.8 | 14.1 | 14.4 | 14.6 | 14.9 | 15.1 | 15.2 | 15.2 | 15.2 | 15.1 | 14.9 | 14.7 | 14.6 | 14.4 | 14.3 | 14.1 | 14.4 | 13.8 | 15.2 | 1.4 |
| 9/22/2009 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 13.9 | 13.9 | 13.9 | 13.9 | 14.0 | 14.3 | 14.6 | 14.9 | 15.1 | 15.3 | 15.3 | 15.0 | 14.7 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 14.3 | 13.9 | 15.3 | 1.4 |
| 9/23/2009 | 13.7 | 13.7 | 13.6 | 13.7 | 13.6 | 13.6 | 13.5 | 13.5 | 13.5 | 13.8 | 14.3 | 14.9 | 15.5 | 16.1 | 16.0 | 16.0 | 16.1 | 15.5 | 15.8 | 15.7 | 15.3 | 14.9 | 14.7 | 14.6 | 14.7 | 13.5 | 16.1 | 2.6 |
| 9/24/2009 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 13.9 | 13.8 | 13.8 | 14.0 | 14.5 | 15.2 | 15.8 | 16.3 | 16.8 | 17.0 | 17.0 | 16.9 | 16.7 | 16.3 | 16.0 | 15.7 | 15.5 | 15.4 | 15.2 | 13.8 | 17.0 | 3.2 |
| 9/25/2009 | 15.3 | 15.1 | 15.0 | 14.9 | 14.8 | 14.6 | 14.5 | 14.4 | 14.3 | 14.4 | 14.8 | 15.2 | 15.2 | 15.5 | 15.4 | 15.1 | 15.1 | 14.9 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.8 | 14.1 | 15.5 | 1.4 |
| 9/26/2009 | 14.0 | 14.2 | 14.2 | 14.2 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.3 | 14.6 | 15.0 | 15.4 | 15.8 | 15.8 | 15.5 | 15.2 | 15.1 | 14.9 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.6 | 14.0 | 15.8 | 1.8 |
| 9/27/2009 | 14.2 | 14.5 | 14.6 | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.3 | 14.6 | 14.9 | 15.1 | 15.5 | 15.9 | 16.3 | 16.6 | 16.6 | 16.5 | 16.3 | 16.1 | 15.9 | 15.8 | 15.6 | 15.2 | 14.1 | 16.6 | 2.5 |
| 9/28/2009 | 15.5 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.9 | 14.8 | 14.7 | 14.7 | 14.9 | 15.2 | 15.4 | 15.7 | 15.9 | 16.0 | 16.0 | 15.6 | 15.3 | 14.9 | 14.6 | 14.3 | 14.1 | 14.0 | 15.1 | 14.0 | 16.0 | 2.0 |
| 9/29/2009 | 13.9 | 13.7 | 13.6 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.6 | 13.7 | 13.7 | 13.6 | 13.5 | 13.5 | 13.3 | 13.4 | 13.4 | 13.4 | 13.2 | 13.2 | 12.9 | 12.8 | 12.4 | 12.1 | 13.3 | 12.1 | 13.9 | 1.7 |
| 9/30/2009 | 12.1 | 12.1 | 12.0 | 12.0 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.4 | 12.6 | 12.8 | 13.2 | 13.4 | 13.3 | 13.3 | 13.2 | 13.1 | 13.0 | 12.7 | 12.5 | 12.3 | 12.2 | 11.9 | 12.5 | 11.9 | 13.4 | 1.5 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.5 | Minimum | 11.9 |
| Mean Daily Mean | 15.5 | Mean Minimum | 14.7 |
| Maximum Daily Mean | 16.8 | | |
| | | Maximum | 17.8 |
| Minumum Range | 0.9 | Mean Maximum | 16.5 |
| Maximum Range | 3.2 | | |
| | | Mean Range | 1.7 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Lower Blue Lake**
**Station BC2**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 4.8 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.4 | 4.5 | 4.6 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 4.5 | 4.4 | 4.4 | 4.4 | 4.3 | 4.3 | 4.1 | 4.0 | 3.9 | 4.4 | 3.9 | 4.8 | 0.9 |
| 6/2/2009 | 3.9 | 4.0 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.2 | 4.3 | 4.3 | 4.2 | 4.2 | 4.3 | 4.3 | 4.2 | 4.1 | 4.1 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 4.1 | 3.9 | 4.3 | 0.4 |
| 6/3/2009 | 4.0 | 4.2 | 4.4 | 4.4 | 4.5 | 4.5 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 | 4.4 | 4.4 | 4.3 | 4.3 | 4.2 | 3.9 | 3.7 | 3.7 | 3.7 | 3.6 | 3.8 | 4.1 | 4.4 | 4.2 | 3.6 | 4.6 | 1.0 |
| 6/4/2009 | 4.6 | 4.7 | 4.8 | 4.9 | 4.7 | 4.5 | 4.1 | 3.9 | 3.8 | 3.7 | 3.7 | 3.8 | 3.9 | 3.9 | 4.1 | 4.4 | 5.0 | 5.5 | 5.0 | 4.8 | 4.8 | 4.8 | 4.9 | 4.8 | 4.5 | 3.7 | 5.5 | 1.8 |
| 6/5/2009 | 4.6 | 4.1 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 4.0 | 4.3 | 4.3 | 4.3 | 4.4 | 4.5 | 4.8 | 4.8 | 4.7 | 4.6 | 4.4 | 4.3 | 4.3 | 4.3 | 4.4 | 4.5 | 4.6 | 4.3 | 3.8 | 4.8 | 1.0 |
| 6/6/2009 | 4.6 | 4.6 | 4.6 | 4.5 | 4.3 | 4.3 | 4.3 | 4.4 | 4.5 | 4.4 | 4.2 | 4.1 | 4.1 | 4.1 | 4.2 | 4.3 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 | 4.4 | 4.3 | 4.3 | 4.4 | 4.1 | 4.6 | 0.5 |
| 6/7/2009 | 4.3 | 4.3 | 4.3 | 4.4 | 4.5 | 4.7 | 4.9 | 4.7 | 4.5 | 4.4 | 4.3 | 4.2 | 4.5 | 4.8 | 4.7 | 4.5 | 4.3 | 4.2 | 4.2 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.4 | 4.2 | 4.9 | 0.7 |
| 6/8/2009 | 4.5 | 4.5 | 4.5 | 4.4 | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.4 | 4.5 | 4.6 | 4.5 | 4.6 | 4.6 | 4.4 | 4.3 | 4.3 | 4.4 | 4.4 | 4.5 | 4.7 | 4.5 | 4.3 | 4.7 | 0.4 |
| 6/9/2009 | 5.1 | 5.4 | 5.7 | 5.5 | 4.7 | 4.1 | 3.9 | 3.9 | 3.8 | 3.9 | 4.0 | 4.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.3 | 4.4 | 4.6 | 4.7 | 4.8 | 4.8 | 4.9 | 5.0 | 4.5 | 3.8 | 5.7 | 1.9 |
| 6/10/2009 | 5.0 | 4.9 | 4.8 | 5.0 | 4.5 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.7 | 5.0 | 5.0 | 4.8 | 4.8 | 4.8 | 4.6 | 4.3 | 4.1 | 4.1 | 4.4 | 3.8 | 5.0 | 1.2 |
| 6/11/2009 | 4.1 | 4.1 | 4.3 | 4.7 | 4.9 | 4.9 | 4.9 | 5.0 | 4.8 | 4.6 | 4.5 | 4.4 | 4.4 | 4.5 | 4.8 | 4.9 | 4.7 | 4.4 | 4.2 | 4.2 | 4.4 | 4.5 | 4.7 | 4.9 | 4.6 | 4.1 | 5.0 | 0.9 |
| 6/12/2009 | 4.9 | 4.7 | 4.6 | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 4.2 | 4.1 | 4.1 | 4.1 | 4.2 | 4.4 | 4.8 | 5.4 | 5.4 | 5.1 | 5.1 | 4.8 | 4.6 | 4.5 | 4.5 | 4.5 | 4.6 | 4.1 | 5.4 | 1.3 |
| 6/13/2009 | 4.4 | 4.4 | 4.4 | 4.5 | 4.6 | 4.7 | 4.9 | 5.0 | 5.2 | 5.0 | 4.9 | 5.0 | 5.0 | 4.6 | 4.3 | 4.4 | 4.4 | 4.5 | 4.8 | 5.1 | 5.1 | 4.9 | 4.7 | 4.6 | 4.7 | 4.3 | 5.2 | 0.9 |
| 6/14/2009 | 4.5 | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 4.9 | 4.9 | 4.8 | 5.0 | 5.1 | 5.1 | 4.9 | 4.7 | 4.7 | 4.9 | 5.3 | 4.9 | 4.5 | 4.8 | 4.4 | 5.3 | 0.9 |
| 6/15/2009 | 4.4 | 4.4 | 4.5 | 4.5 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.6 | 4.7 | 5.0 | 5.4 | 5.7 | 5.4 | 5.0 | 4.7 | 4.5 | 4.4 | 4.4 | 4.6 | 5.4 | 5.6 | 4.8 | 4.4 | 5.7 | 1.3 |
| 6/16/2009 | 4.8 | 4.5 | 4.6 | 4.6 | 4.6 | 4.6 | 4.7 | 4.9 | 4.9 | 4.9 | 5.0 | 5.3 | 5.7 | 5.9 | 5.3 | 5.1 | 5.1 | 5.0 | 4.6 | 4.4 | 4.4 | 4.4 | 4.9 | 5.2 | 4.9 | 4.4 | 5.9 | 1.5 |
| 6/17/2009 | 4.9 | 4.8 | 4.9 | 4.7 | 4.8 | 5.1 | 5.2 | 4.8 | 4.7 | 4.6 | 4.6 | 4.7 | 4.9 | 5.1 | 5.4 | 5.4 | 5.5 | 5.7 | 5.5 | 5.1 | 4.9 | 4.7 | 4.5 | 4.5 | 5.0 | 4.5 | 5.7 | 1.2 |
| 6/18/2009 | 4.5 | 4.5 | 4.6 | 4.7 | 5.0 | 5.1 | 4.9 | 4.7 | 4.7 | 4.9 | 5.1 | 5.1 | 4.9 | 5.2 | 5.5 | 5.5 | 4.9 | 4.7 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.9 | 4.9 | 4.5 | 5.5 | 1.0 |
| 6/19/2009 | 5.1 | 5.2 | 5.3 | 5.3 | 5.2 | 5.1 | 5.1 | 5.2 | 5.0 | 4.9 | 4.8 | 4.8 | 5.1 | 5.3 | 5.3 | 5.1 | 5.1 | 5.0 | 4.9 | 4.8 | 4.9 | 5.0 | 4.9 | 5.0 | 5.1 | 4.8 | 5.3 | 0.5 |
| 6/20/2009 | 5.1 | 5.0 | 5.0 | 5.2 | 5.3 | 5.1 | 5.1 | 4.9 | 4.7 | 4.6 | 4.8 | 5.1 | 5.5 | 5.6 | 5.3 | 4.8 | 4.6 | 4.6 | 4.7 | 4.9 | 5.2 | 5.3 | 5.2 | 5.2 | 5.0 | 4.6 | 5.6 | 1.0 |
| 6/21/2009 | 5.2 | 5.1 | 5.0 | 5.0 | 5.1 | 5.1 | 5.1 | 5.0 | 4.8 | 5.1 | 5.1 | 4.8 | 5.2 | 5.4 | 5.7 | 5.4 | 5.0 | 4.7 | 4.7 | 4.6 | 4.9 | 5.4 | 5.9 | 5.6 | 5.1 | 4.6 | 5.9 | 1.3 |
| 6/22/2009 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 4.9 | 4.9 | 4.8 | 4.8 | 4.9 | 5.0 | 5.2 | 5.6 | 5.9 | 6.1 | 6.2 | 5.3 | 5.1 | 5.2 | 5.3 | 5.2 | 5.2 | 5.1 | 4.7 | 5.2 | 4.7 | 6.2 | 1.5 |
| 6/23/2009 | 4.6 | 4.8 | 5.1 | 5.1 | 5.2 | 5.7 | 5.6 | 5.1 | 4.8 | 4.8 | 5.1 | 5.5 | 5.5 | 5.9 | 5.7 | 5.9 | 5.3 | 5.0 | 4.8 | 4.7 | 4.7 | 4.9 | 5.2 | 5.8 | 5.2 | 4.6 | 5.9 | 1.3 |
| 6/24/2009 | 5.9 | 5.6 | 5.6 | 5.4 | 5.3 | 5.2 | 5.1 | 5.3 | 5.4 | 5.1 | 5.0 | 5.6 | 6.2 | 6.3 | 5.9 | 5.8 | 5.6 | 5.4 | 5.6 | 5.6 | 6.7 | 7.1 | 6.7 | 6.3 | 5.7 | 5.0 | 7.1 | 2.1 |
| 6/25/2009 | 6.1 | 6.3 | 6.3 | 6.3 | 6.1 | 5.3 | 5.3 | 5.5 | 5.6 | 6.0 | 6.3 | 6.0 | 6.2 | 6.3 | 6.1 | 6.3 | 6.9 | 6.7 | 6.0 | 5.6 | 5.8 | 6.2 | 6.1 | 6.8 | 6.1 | 5.3 | 6.9 | 1.6 |
| 6/26/2009 | 6.7 | 6.3 | 6.5 | 6.6 | 6.5 | 6.7 | 6.8 | 6.0 | 6.1 | 6.1 | 6.2 | 5.4 | 5.8 | 6.5 | 6.3 | 6.0 | 6.4 | 6.6 | 6.2 | 6.6 | 6.9 | 6.1 | 5.9 | 6.3 | 6.3 | 5.4 | 6.9 | 1.5 |
| 6/27/2009 | 6.1 | 6.9 | 7.3 | 7.0 | 6.9 | 7.1 | 6.4 | 6.4 | 6.3 | 6.0 | 6.0 | 6.0 | 6.2 | 6.5 | 6.3 | 6.0 | 6.2 | 6.9 | 6.2 | 6.0 | 6.1 | 6.4 | 6.7 | 7.5 | 6.5 | 6.0 | 7.5 | 1.5 |
| 6/28/2009 | 7.4 | 6.9 | 6.3 | 5.4 | 5.3 | 6.2 | 7.2 | 7.2 | 7.4 | 6.9 | 6.7 | 6.6 | 6.4 | 6.1 | 5.7 | 5.5 | 5.9 | 6.1 | 6.2 | 6.3 | 6.2 | 6.5 | 7.3 | 7.7 | 6.5 | 5.3 | 7.7 | 2.4 |
| 6/29/2009 | 7.2 | 6.9 | 6.4 | 6.3 | 6.1 | 5.7 | 6.6 | 7.6 | 7.6 | 7.0 | 6.5 | 6.6 | 6.4 | 6.5 | 6.0 | 6.2 | 6.6 | 6.7 | 6.9 | 7.4 | 7.3 | 6.7 | 6.6 | 6.9 | 6.7 | 5.7 | 7.6 | 1.9 |
| 6/30/2009 | 7.2 | 6.4 | 6.4 | 6.9 | 6.9 | 6.7 | 7.4 | 7.1 | 7.2 | 7.5 | 7.3 | 7.1 | 6.9 | 6.6 | 6.3 | 6.7 | 6.2 | 6.7 | 6.7 | 6.7 | 8.0 | 7.7 | 8.2 | 7.9 | 7.0 | 6.2 | 8.2 | 2.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 4.1 | Minimum | 3.6 |
| Mean Daily Mean | 5.1 | Mean Minimum | 4.5 |
| Maximum Daily Mean | 7.0 | | |
| | | Maximum | 8.2 |
| Minumum Range | 0.4 | Mean Maximum | 5.8 |
| Maximum Range | 2.4 | | |
| | | Mean Range | 1.2 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Lower Blue Lake**
**Station BC2**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 7.3 | 6.0 | 5.9 | 6.0 | 6.1 | 7.2 | 7.6 | 7.3 | 7.2 | 6.9 | 7.5 | 7.9 | 7.2 | 6.8 | 6.4 | 7.2 | 7.7 | 7.6 | 7.7 | 8.1 | 7.8 | 7.3 | 7.1 | 6.8 | 7.1 | 5.9 | 8.1 | 2.2 |
| 7/2/2009 | 7.6 | 7.7 | 7.4 | 7.8 | 7.4 | 7.3 | 7.4 | 7.5 | 7.8 | 7.5 | 7.3 | 7.4 | 7.6 | 7.2 | 7.4 | 7.7 | 8.1 | 7.9 | 7.9 | 7.7 | 8.0 | 7.5 | 7.0 | 7.3 | 7.6 | 7.0 | 8.1 | 1.1 |
| 7/3/2009 | 7.3 | 8.2 | 8.5 | 7.9 | 7.6 | 7.7 | 7.9 | 7.8 | 7.5 | 7.6 | 7.5 | 7.4 | 7.1 | 7.2 | 7.6 | 8.4 | 8.5 | 7.9 | 8.1 | 8.4 | 8.1 | 8.1 | 7.9 | 8.0 | 7.8 | 7.1 | 8.5 | 1.4 |
| 7/4/2009 | 8.0 | 8.1 | 8.4 | 8.5 | 8.0 | 7.8 | 8.2 | 7.7 | 7.5 | 7.7 | 8.3 | 8.3 | 8.2 | 8.2 | 7.7 | 8.0 | 8.7 | 9.1 | 8.6 | 8.8 | 8.6 | 8.5 | 8.6 | 7.9 | 8.2 | 7.5 | 9.1 | 1.6 |
| 7/5/2009 | 7.9 | 7.7 | 8.2 | 8.6 | 8.3 | 8.0 | 8.0 | 7.7 | 7.9 | 8.0 | 8.2 | 9.0 | 8.9 | 8.3 | 8.7 | 8.9 | 9.2 | 8.9 | 8.6 | 8.7 | 9.0 | 9.2 | 9.1 | 8.8 | 8.5 | 7.7 | 9.2 | 1.5 |
| 7/6/2009 | 8.3 | 7.9 | 8.0 | 8.4 | 8.5 | 8.1 | 8.4 | 8.2 | 8.3 | 8.5 | 9.5 | 9.0 | 9.6 | 8.8 | 8.8 | 8.7 | 8.5 | 9.9 | 10.1 | 9.6 | 8.8 | 8.2 | 7.7 | 8.2 | 8.7 | 7.7 | 10.1 | 2.4 |
| 7/7/2009 | 8.6 | 8.5 | 8.0 | 8.8 | 8.7 | 8.4 | 8.4 | 8.0 | 8.3 | 8.6 | 8.9 | 9.3 | 8.3 | 8.9 | 9.1 | 9.1 | 8.9 | 8.4 | 8.6 | 9.4 | 9.3 | 9.9 | 9.6 | 8.7 | 8.8 | 8.0 | 9.9 | 1.9 |
| 7/8/2009 | 8.5 | 8.5 | 9.2 | 8.4 | 8.5 | 8.8 | 8.8 | 8.3 | 8.1 | 8.3 | 8.8 | 9.8 | 10.0 | 9.8 | 10.0 | 9.0 | 8.0 | 7.9 | 6.7 | 9.6 | 10.2 | 10.0 | 9.1 | 8.7 | 8.9 | 6.7 | 10.2 | 3.5 |
| 7/9/2009 | 8.6 | 9.1 | 9.5 | 9.7 | 9.3 | 9.0 | 9.1 | 9.1 | 8.5 | 8.5 | 9.2 | 9.8 | 10.0 | 9.1 | 10.0 | 8.6 | 8.5 | 9.5 | 9.6 | 10.6 | 10.4 | 9.4 | 9.4 | 8.8 | 9.3 | 8.5 | 10.6 | 2.1 |
| 7/10/2009 | 8.9 | 9.3 | 10.3 | 10.2 | 10.2 | 10.0 | 9.7 | 9.7 | 9.7 | 9.3 | 9.4 | 8.8 | 10.4 | 9.6 | 9.8 | 9.8 | 10.3 | 8.8 | 8.9 | 8.2 | 9.1 | 10.1 | 10.0 | 10.5 | 9.6 | 8.2 | 10.5 | 2.3 |
| 7/11/2009 | 10.7 | 11.1 | 10.8 | 10.3 | 10.2 | 10.0 | 9.8 | 10.3 | 9.7 | 9.5 | 9.7 | 9.7 | 10.2 | 10.5 | 10.2 | 10.4 | 10.8 | 11.6 | 11.0 | 10.1 | 8.8 | 8.5 | 9.6 | 9.9 | 10.1 | 8.5 | 11.6 | 3.1 |
| 7/12/2009 | 11.0 | 11.6 | 12.1 | 11.3 | 11.1 | 10.6 | 10.9 | 10.2 | 10.5 | 9.1 | 9.5 | 9.5 | 10.6 | 11.6 | 11.5 | 11.7 | 11.3 | 10.6 | 10.7 | 9.4 | 10.4 | 10.6 | 10.1 | 10.5 | 10.7 | 9.1 | 12.1 | 3.1 |
| 7/13/2009 | 11.4 | 11.6 | 11.6 | 11.6 | 11.7 | 11.4 | 11.2 | 11.0 | 11.0 | 11.1 | 11.7 | 11.3 | 11.7 | 11.7 | 10.2 | 11.5 | 11.3 | 12.8 | 12.6 | 12.4 | 12.1 | 11.8 | 11.7 | 11.6 | 11.6 | 10.2 | 12.8 | 2.5 |
| 7/14/2009 | 11.5 | 10.6 | 10.8 | 11.1 | 11.0 | 11.7 | 12.2 | 12.5 | 12.7 | 12.8 | 12.2 | 12.6 | 12.2 | 12.1 | 12.0 | 11.8 | 11.5 | 11.1 | 11.0 | 12.0 | 12.5 | 12.7 | 12.8 | 12.4 | 11.9 | 10.6 | 12.8 | 2.3 |
| 7/15/2009 | 12.5 | 12.1 | 12.2 | 12.2 | 12.4 | 11.7 | 11.7 | 12.4 | 12.3 | 12.4 | 12.7 | 13.0 | 13.1 | 12.7 | 12.9 | 12.1 | 13.0 | 12.3 | 12.6 | 12.4 | 12.3 | 11.9 | 12.4 | 12.7 | 12.4 | 11.7 | 13.1 | 1.5 |
| 7/16/2009 | 13.3 | 13.6 | 13.1 | 13.4 | 12.8 | 12.5 | 12.6 | 12.7 | 12.9 | 12.9 | 13.2 | 13.2 | 12.8 | 13.5 | 12.9 | 12.8 | 13.3 | 12.9 | 12.6 | 12.2 | 12.7 | 12.9 | 12.2 | 12.8 | 12.9 | 12.2 | 13.6 | 1.4 |
| 7/17/2009 | 12.0 | 12.6 | 12.6 | 12.4 | 12.4 | 12.4 | 12.6 | 12.7 | 12.8 | 13.2 | 13.1 | 13.4 | 13.4 | 13.1 | 13.0 | 12.5 | 12.1 | 11.6 | 12.7 | 13.5 | 13.0 | 13.4 | 12.3 | 12.5 | 12.7 | 11.6 | 13.5 | 1.9 |
| 7/18/2009 | 12.5 | 13.4 | 13.4 | 12.9 | 13.1 | 13.1 | 13.0 | 13.1 | 13.2 | 12.9 | 12.8 | 13.4 | 13.5 | 13.1 | 12.6 | 12.3 | 13.2 | 13.8 | 13.7 | 13.4 | 13.4 | 13.4 | 12.7 | 12.5 | 13.1 | 12.3 | 13.8 | 1.4 |
| 7/19/2009 | 13.4 | 13.4 | 13.4 | 13.2 | 13.7 | 13.9 | 14.0 | 13.8 | 13.5 | 13.2 | 13.5 | 13.7 | 13.7 | 13.4 | 13.4 | 12.2 | 13.1 | 14.1 | 14.4 | 14.5 | 13.7 | 13.2 | 12.9 | 13.7 | 13.5 | 12.2 | 14.5 | 2.4 |
| 7/20/2009 | 13.2 | 13.5 | 13.6 | 13.4 | 13.4 | 13.7 | 14.0 | 14.2 | 14.2 | 14.1 | 13.9 | 14.1 | 13.3 | 13.7 | 13.4 | 13.6 | 14.2 | 14.9 | 14.4 | 14.8 | 12.8 | 12.9 | 14.5 | 13.7 | 13.8 | 12.8 | 14.9 | 2.2 |
| 7/21/2009 | 14.3 | 14.4 | 14.4 | 14.5 | 14.4 | 14.6 | 14.7 | 13.6 | 13.8 | 13.5 | 13.5 | 14.0 | 14.1 | 14.1 | 14.5 | 14.2 | 14.6 | 14.2 | 14.1 | 14.2 | 13.3 | 13.9 | 14.9 | 14.7 | 14.2 | 13.3 | 14.9 | 1.7 |
| 7/22/2009 | 14.6 | 14.7 | 14.7 | 14.5 | 14.6 | 14.0 | 14.3 | 14.5 | 14.5 | 14.5 | 15.1 | 14.9 | 14.6 | 14.2 | 14.1 | 14.3 | 14.3 | 14.4 | 15.2 | 15.1 | 14.5 | 13.6 | 14.4 | 14.8 | 14.5 | 13.6 | 15.2 | 1.6 |
| 7/23/2009 | 14.0 | 14.5 | 14.5 | 14.3 | 14.8 | 15.0 | 15.4 | 15.5 | 14.9 | 14.4 | 14.0 | 14.7 | 14.3 | 14.8 | 15.1 | 14.3 | 14.1 | 15.5 | 15.4 | 14.7 | 14.7 | 14.8 | 14.6 | 15.0 | 14.7 | 14.0 | 15.5 | 1.5 |
| 7/24/2009 | 14.8 | 14.4 | 14.3 | 14.5 | 15.3 | 15.4 | 15.4 | 15.3 | 14.8 | 15.3 | 15.7 | 14.6 | 14.9 | 15.3 | 15.1 | 14.2 | 14.1 | 14.9 | 15.3 | 15.8 | 15.8 | 15.3 | 14.6 | 15.1 | 15.0 | 14.1 | 15.8 | 1.7 |
| 7/25/2009 | 14.0 | 14.5 | 15.0 | 15.2 | 15.5 | 15.7 | 15.8 | 15.7 | 15.3 | 15.0 | 15.0 | 14.9 | 15.5 | 15.4 | 15.5 | 15.1 | 15.1 | 15.7 | 15.4 | 15.0 | 14.8 | 15.5 | 15.8 | 15.7 | 15.3 | 14.0 | 15.8 | 1.9 |
| 7/26/2009 | 15.5 | 14.9 | 15.0 | 15.5 | 15.3 | 15.7 | 15.8 | 15.8 | 15.8 | 15.8 | 15.5 | 15.5 | 15.7 | 15.3 | 15.5 | 15.5 | 15.5 | 15.7 | 15.5 | 15.4 | 15.4 | 15.3 | 15.6 | 15.6 | 15.5 | 14.9 | 15.8 | 0.9 |
| 7/27/2009 | 15.9 | 15.8 | 15.9 | 15.9 | 15.9 | 15.6 | 15.8 | 15.9 | 15.7 | 15.4 | 15.8 | 15.7 | 16.0 | 16.2 | 15.8 | 15.6 | 15.8 | 14.6 | 14.7 | 16.0 | 16.4 | 16.7 | 16.6 | 16.3 | 15.8 | 14.6 | 16.7 | 2.2 |
| 7/28/2009 | 15.8 | 14.7 | 14.5 | 14.2 | 14.7 | 15.3 | 16.1 | 16.7 | 16.7 | 16.3 | 15.7 | 15.8 | 15.8 | 15.8 | 15.9 | 16.3 | 15.7 | 15.0 | 15.6 | 16.4 | 16.2 | 16.3 | 16.2 | 15.9 | 15.7 | 14.2 | 16.7 | 2.5 |
| 7/29/2009 | 15.1 | 15.2 | 15.6 | 15.9 | 16.1 | 16.5 | 16.9 | 16.5 | 16.1 | 15.5 | 15.9 | 16.1 | 16.3 | 17.0 | 15.8 | 16.2 | 13.4 | 15.3 | 16.4 | 16.3 | 16.5 | 17.0 | 16.5 | 16.0 | 16.0 | 13.4 | 17.0 | 3.6 |
| 7/30/2009 | 15.5 | 16.1 | 16.0 | 16.1 | 16.2 | 16.2 | 16.3 | 16.7 | 16.7 | 16.6 | 16.2 | 15.9 | 17.0 | 16.5 | 16.7 | 17.0 | 16.9 | 16.8 | 15.8 | 15.9 | 16.1 | 16.4 | 16.6 | 16.9 | 16.4 | 15.5 | 17.0 | 1.5 |
| 7/31/2009 | 17.0 | 16.7 | 16.3 | 16.0 | 15.9 | 16.0 | 16.1 | 16.8 | 17.2 | 17.1 | 16.8 | 16.9 | 16.8 | 16.7 | 16.4 | 16.8 | 17.0 | 16.3 | 17.2 | 16.8 | 17.2 | 17.4 | 17.1 | 16.0 | 16.7 | 15.9 | 17.4 | 1.5 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.1 | Minimum | 5.9 |
| Mean Daily Mean | 12.2 | Mean Minimum | 11.1 |
| Maximum Daily Mean | 16.7 | | |
| | | Maximum | 17.4 |
| Minumum Range | 0.9 | Mean Maximum | 13.1 |
| Maximum Range | 3.6 | | |
| | | Mean Range | 2.0 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Lower Blue Lake**
**Station BC2**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 15.7 | 16.1 | 17.0 | 17.3 | 17.6 | 17.5 | 16.9 | 16.6 | 16.6 | 16.7 | 16.7 | 17.0 | 17.1 | 17.3 | 17.4 | 17.1 | 16.7 | 17.1 | 17.4 | 17.2 | 17.3 | 17.1 | 16.9 | 16.9 | 17.0 | 15.7 | 17.6 | 1.8 |
| 8/2/2009 | 17.1 | 17.1 | 17.1 | 17.0 | 17.0 | 16.7 | 16.6 | 17.2 | 17.3 | 17.3 | 17.4 | 17.6 | 17.6 | 17.5 | 17.7 | 17.7 | 17.4 | 17.6 | 17.3 | 17.3 | 17.1 | 17.4 | 17.8 | 17.7 | 17.3 | 16.6 | 17.8 | 1.2 |
| 8/3/2009 | 17.4 | 17.3 | 17.1 | 17.2 | 17.2 | 17.3 | 17.5 | 17.6 | 17.6 | 17.2 | 17.4 | 17.4 | 17.3 | 18.0 | 18.1 | 18.2 | 17.7 | 17.4 | 18.1 | 17.9 | 17.9 | 18.2 | 17.9 | 17.8 | 17.6 | 17.1 | 18.2 | 1.1 |
| 8/4/2009 | 17.2 | 17.6 | 17.3 | 17.7 | 18.1 | 18.3 | 18.2 | 17.8 | 17.6 | 17.7 | 17.6 | 17.2 | 16.9 | 17.8 | 18.3 | 18.4 | 18.5 | 18.8 | 18.8 | 18.4 | 18.4 | 18.4 | 18.0 | 18.1 | 18.0 | 16.9 | 18.8 | 1.9 |
| 8/5/2009 | 18.0 | 18.1 | 18.2 | 18.3 | 18.2 | 17.9 | 18.0 | 18.1 | 18.0 | 17.5 | 17.6 | 17.5 | 17.6 | 18.2 | 18.7 | 18.9 | 18.8 | 18.9 | 18.2 | 18.1 | 18.4 | 18.5 | 18.8 | 18.6 | 18.2 | 17.5 | 18.9 | 1.5 |
| 8/6/2009 | 18.3 | 18.0 | 18.0 | 18.2 | 18.1 | 18.2 | 18.2 | 18.3 | 18.0 | 17.8 | 17.7 | 17.8 | 17.5 | 18.0 | 18.3 | 18.0 | 18.0 | 18.3 | 18.0 | 18.2 | 18.3 | 18.2 | 18.1 | 18.2 | 18.1 | 17.5 | 18.3 | 0.8 |
| 8/7/2009 | 18.2 | 17.9 | 18.0 | 18.0 | 17.9 | 18.1 | 18.0 | 17.9 | 17.9 | 17.9 | 17.8 | 17.7 | 17.8 | 17.6 | 17.7 | 17.8 | 17.9 | 17.9 | 18.0 | 17.8 | 17.7 | 17.8 | 17.7 | 17.7 | 17.9 | 17.6 | 18.2 | 0.6 |
| 8/8/2009 | 17.8 | 17.7 | 17.8 | 17.8 | 17.7 | 17.7 | 17.6 | 17.5 | 17.5 | 17.5 | 17.7 | 17.6 | 17.6 | 17.5 | 17.5 | 17.5 | 17.4 | 17.5 | 17.6 | 17.6 | 17.4 | 17.5 | 17.6 | 17.4 | 17.6 | 17.4 | 17.8 | 0.4 |
| 8/9/2009 | 17.6 | 17.6 | 17.7 | 17.6 | 17.4 | 17.2 | 17.3 | 17.3 | 17.5 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.5 | 17.6 | 17.6 | 17.2 | 17.4 | 17.2 | 17.3 | 17.4 | 17.5 | 17.4 | 17.2 | 17.7 | 0.5 |
| 8/10/2009 | 17.6 | 17.6 | 17.6 | 17.2 | 17.3 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.3 | 17.3 | 17.1 | 17.3 | 17.3 | 17.5 | 17.5 | 17.5 | 17.4 | 17.4 | 17.3 | 17.4 | 17.2 | 17.3 | 17.4 | 17.1 | 17.6 | 0.5 |
| 8/11/2009 | 17.4 | 17.4 | 17.5 | 17.4 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.4 | 17.2 | 17.2 | 17.2 | 17.3 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.7 | 17.6 | 17.4 | 17.2 | 17.7 | 0.5 |
| 8/12/2009 | 17.5 | 17.2 | 17.1 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.2 | 17.2 | 17.4 | 17.5 | 17.5 | 17.3 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.4 | 17.5 | 17.5 | 17.2 | 17.4 | 17.1 | 17.5 | 0.4 |
| 8/13/2009 | 17.3 | 17.3 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 16.8 | 17.2 | 17.4 | 17.5 | 17.5 | 17.3 | 17.4 | 17.5 | 17.5 | 17.6 | 17.4 | 17.6 | 17.6 | 17.3 | 17.5 | 17.5 | 17.7 | 17.4 | 16.8 | 17.7 | 0.9 |
| 8/14/2009 | 17.8 | 17.7 | 17.3 | 17.1 | 17.2 | 17.1 | 17.3 | 17.4 | 17.3 | 17.3 | 17.2 | 17.4 | 17.5 | 17.5 | 17.6 | 17.4 | 17.5 | 17.6 | 17.6 | 17.3 | 17.3 | 17.4 | 17.5 | 17.6 | 17.4 | 17.1 | 17.8 | 0.8 |
| 8/15/2009 | 17.5 | 17.6 | 17.6 | 17.1 | 17.4 | 17.5 | 17.4 | 17.4 | 17.4 | 17.4 | 17.2 | 17.1 | 17.0 | 17.1 | 17.2 | 17.3 | 17.3 | 17.3 | 17.4 | 17.2 | 17.2 | 17.3 | 17.2 | 17.2 | 17.3 | 17.0 | 17.6 | 0.6 |
| 8/16/2009 | 17.3 | 17.2 | 17.3 | 17.3 | 17.2 | 17.2 | 17.3 | 17.3 | 17.4 | 17.3 | 17.3 | 17.1 | 17.2 | 17.1 | 17.0 | 17.1 | 17.2 | 17.3 | 17.3 | 17.3 | 17.3 | 17.1 | 17.3 | 17.2 | 17.2 | 17.0 | 17.4 | 0.4 |
| 8/17/2009 | 17.2 | 17.2 | 17.2 | 17.3 | 17.0 | 17.1 | 17.3 | 17.3 | 17.3 | 17.2 | 16.9 | 17.1 | 17.1 | 17.3 | 17.3 | 17.3 | 17.4 | 17.5 | 17.5 | 17.4 | 17.0 | 16.7 | 16.5 | 16.9 | 17.2 | 16.5 | 17.5 | 1.0 |
| 8/18/2009 | 17.0 | 17.3 | 17.4 | 17.3 | 17.1 | 17.3 | 17.4 | 17.3 | 17.4 | 17.4 | 17.3 | 17.1 | 17.1 | 17.0 | 17.2 | 17.3 | 17.5 | 17.5 | 17.4 | 17.2 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.0 | 17.5 | 0.5 |
| 8/19/2009 | 17.3 | 17.4 | 17.4 | 17.0 | 17.2 | 17.4 | 17.5 | 17.5 | 17.3 | 17.1 | 17.0 | 17.1 | 17.2 | 17.4 | 17.5 | 17.6 | 17.5 | 17.2 | 17.4 | 17.4 | 17.5 | 17.6 | 17.6 | 17.5 | 17.4 | 17.0 | 17.6 | 0.6 |
| 8/20/2009 | 17.2 | 17.3 | 17.2 | 17.2 | 17.1 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.5 | 17.6 | 17.6 | 17.6 | 17.7 | 17.4 | 17.6 | 17.2 | 17.5 | 17.6 | 17.7 | 17.8 | 17.7 | 17.4 | 17.1 | 17.8 | 0.6 |
| 8/21/2009 | 17.5 | 17.4 | 17.6 | 17.5 | 17.5 | 17.3 | 17.3 | 17.2 | 17.2 | 17.2 | 17.5 | 17.6 | 17.6 | 17.7 | 17.6 | 17.5 | 17.7 | 17.6 | 17.4 | 17.6 | 17.7 | 17.9 | 18.0 | 17.8 | 17.5 | 17.2 | 18.0 | 0.8 |
| 8/22/2009 | 17.7 | 17.4 | 17.4 | 17.5 | 17.7 | 17.7 | 17.7 | 17.3 | 17.3 | 17.5 | 17.7 | 17.8 | 17.8 | 17.6 | 17.6 | 17.6 | 17.6 | 17.5 | 17.8 | 18.0 | 17.8 | 17.9 | 17.9 | 17.3 | 17.6 | 17.3 | 18.0 | 0.7 |
| 8/23/2009 | 17.4 | 17.6 | 17.4 | 17.7 | 17.6 | 17.5 | 17.5 | 17.5 | 17.5 | 17.7 | 17.9 | 17.8 | 17.7 | 17.8 | 17.6 | 17.6 | 17.7 | 17.7 | 17.8 | 17.9 | 17.8 | 17.7 | 17.8 | 17.7 | 17.7 | 17.4 | 17.9 | 0.5 |
| 8/24/2009 | 17.8 | 17.9 | 17.7 | 17.8 | 17.7 | 17.6 | 17.7 | 17.7 | 17.7 | 17.7 | 17.6 | 17.5 | 17.4 | 17.1 | 17.3 | 17.4 | 17.5 | 17.5 | 17.6 | 17.3 | 17.4 | 17.6 | 17.6 | 17.7 | 17.6 | 17.1 | 17.9 | 0.8 |
| 8/25/2009 | 17.8 | 17.6 | 17.2 | 17.5 | 17.7 | 17.6 | 17.6 | 17.7 | 17.5 | 17.3 | 17.3 | 17.5 | 17.2 | 17.3 | 17.4 | 17.6 | 17.6 | 17.7 | 17.7 | 17.6 | 17.6 | 17.7 | 17.6 | 17.4 | 17.5 | 17.2 | 17.8 | 0.6 |
| 8/26/2009 | 17.4 | 17.3 | 17.3 | 17.3 | 17.5 | 17.6 | 17.6 | 17.6 | 17.6 | 17.6 | 17.5 | 17.3 | 17.4 | 17.2 | 17.3 | 17.5 | 17.6 | 17.6 | 17.6 | 17.5 | 17.4 | 17.6 | 17.2 | 17.3 | 17.5 | 17.2 | 17.6 | 0.4 |
| 8/27/2009 | 17.4 | 17.3 | 17.3 | 17.3 | 17.5 | 17.7 | 17.6 | 17.6 | 17.6 | 17.6 | 17.4 | 17.4 | 17.2 | 17.4 | 17.6 | 17.5 | 17.6 | 17.4 | 17.4 | 17.5 | 17.4 | 17.5 | 17.5 | 17.6 | 17.5 | 17.2 | 17.7 | 0.4 |
| 8/28/2009 | 17.5 | 17.5 | 17.3 | 17.4 | 17.6 | 17.6 | 17.6 | 17.6 | 17.4 | 17.3 | 17.3 | 17.4 | 17.3 | 17.2 | 17.4 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.6 | 17.7 | 17.6 | 17.6 | 17.5 | 17.2 | 17.7 | 0.4 |
| 8/29/2009 | 17.4 | 17.3 | 17.4 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.5 | 17.5 | 17.4 | 17.4 | 17.2 | 17.3 | 17.2 | 17.3 | 17.4 | 17.4 | 17.5 | 17.5 | 17.6 | 17.4 | 17.2 | 17.6 | 0.4 |
| 8/30/2009 | 17.4 | 17.3 | 17.2 | 17.4 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.6 | 17.4 | 17.2 | 17.6 | 0.4 |
| 8/31/2009 | 17.7 | 17.6 | 17.4 | 17.3 | 17.3 | 17.3 | 17.3 | 17.2 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.2 | 17.2 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.2 | 17.7 | 0.5 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 17.0 | Minimum | 15.7 |
| Mean Daily Mean | 17.5 | Mean Minimum | 17.1 |
| Maximum Daily Mean | 18.2 | | |
| | | Maximum | 18.9 |
| Minumum Range | 0.4 | Mean Maximum | 17.8 |
| Maximum Range | 1.9 | | |
| | | Mean Range | 0.7 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Blue Creek below Lower Blue Lake**
**Station BC2**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.1 | 17.1 | 17.0 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.2 | 17.3 | 17.3 | 17.2 | 17.2 | 17.0 | 17.4 | 0.4 |
| 9/2/2009 | 17.2 | 17.2 | 17.1 | 17.0 | 17.1 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.1 | 17.1 | 17.1 | 17.1 | 17.0 | 17.0 | 16.9 | 16.8 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 16.8 | 17.2 | 0.4 |
| 9/3/2009 | 17.0 | 17.0 | 17.1 | 17.1 | 17.0 | 17.0 | 17.1 | 17.1 | 17.0 | 16.9 | 17.0 | 17.1 | 17.1 | 17.0 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 17.1 | 0.2 |
| 9/4/2009 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 17.0 | 17.1 | 17.1 | 17.1 | 16.9 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 16.8 | 17.1 | 0.3 |
| 9/5/2009 | 17.0 | 17.1 | 17.1 | 17.1 | 17.0 | 17.0 | 17.0 | 16.9 | 16.8 | 16.8 | 16.7 | 16.8 | 16.8 | 16.7 | 16.8 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 | 16.7 | 17.1 | 0.4 |
| 9/6/2009 | 16.9 | 16.8 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.7 | 16.8 | 16.5 | 16.4 | 16.5 | 16.5 | 16.6 | 16.6 | 16.6 | 16.7 | 16.7 | 16.6 | 16.4 | 16.9 | 0.5 |
| 9/7/2009 | 16.6 | 16.7 | 16.7 | 16.5 | 16.6 | 16.6 | 16.6 | 16.5 | 16.5 | 16.5 | 16.5 | 16.6 | 16.7 | 16.9 | 16.5 | 16.3 | 16.5 | 16.3 | 16.3 | 16.3 | 16.4 | 16.4 | 16.4 | 16.5 | 16.5 | 16.3 | 16.9 | 0.6 |
| 9/8/2009 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.4 | 16.4 | 16.4 | 16.4 | 16.5 | 16.5 | 16.3 | 16.2 | 16.3 | 16.3 | 16.4 | 16.8 | 16.4 | 16.3 | 16.3 | 16.3 | 16.3 | 16.4 | 16.2 | 16.8 | 0.6 |
| 9/9/2009 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.5 | 16.5 | 16.5 | 16.4 | 16.3 | 16.1 | 16.1 | 16.5 | 16.6 | 16.4 | 16.3 | 16.5 | 16.2 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.4 | 16.1 | 16.6 | 0.5 |
| 9/10/2009 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.5 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.2 | 16.4 | 16.4 | 16.4 | 16.4 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.5 | 16.4 | 16.2 | 16.5 | 0.3 |
| 9/11/2009 | 16.5 | 16.5 | 16.6 | 16.4 | 16.5 | 16.6 | 16.5 | 16.5 | 16.4 | 16.3 | 16.3 | 16.3 | 16.5 | 16.5 | 16.4 | 16.4 | 16.5 | 16.5 | 16.6 | 16.7 | 16.7 | 16.4 | 16.4 | 16.3 | 16.5 | 16.3 | 16.7 | 0.4 |
| 9/12/2009 | 16.4 | 16.4 | 16.4 | 16.4 | 16.5 | 16.5 | 16.5 | 16.6 | 16.6 | 16.5 | 16.5 | 16.5 | 16.5 | 16.6 | 16.7 | 16.9 | 17.0 | 16.9 | 16.8 | 16.7 | 16.2 | 16.5 | 16.5 | 16.5 | 16.6 | 16.2 | 17.0 | 0.7 |
| 9/13/2009 | 16.5 | 16.5 | 16.4 | 16.4 | 16.5 | 16.5 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 16.2 | 16.1 | 16.2 | 16.3 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.3 | 16.3 | 16.0 | 16.5 | 0.5 |
| 9/14/2009 | 16.3 | 16.3 | 16.2 | 16.1 | 16.1 | 16.1 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.1 | 16.1 | 16.2 | 15.9 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 16.0 | 15.8 | 16.3 | 0.5 |
| 9/15/2009 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.7 | 15.7 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.7 | 16.0 | 0.3 |
| 9/16/2009 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.7 | 15.7 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.8 | 15.8 | 15.7 | 15.9 | 0.2 |
| 9/17/2009 | 15.8 | 15.8 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.9 | 15.9 | 16.0 | 16.0 | 16.2 | 15.8 | 15.7 | 15.7 | 15.7 | 15.8 | 15.8 | 15.8 | 15.8 | 15.9 | 15.7 | 16.2 | 0.5 |
| 9/18/2009 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.9 | 15.8 | 15.7 | 15.8 | 15.9 | 16.1 | 16.2 | 16.4 | 16.2 | 16.0 | 16.0 | 15.8 | 15.9 | 15.7 | 16.4 | 0.7 |
| 9/19/2009 | 15.8 | 15.9 | 15.9 | 15.9 | 15.8 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.9 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.9 | 15.9 | 15.8 | 16.0 | 0.2 |
| 9/20/2009 | 15.9 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.7 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.6 | 15.6 | 15.7 | 15.7 | 15.8 | 15.8 | 15.8 | 15.8 | 15.9 | 15.8 | 15.6 | 15.9 | 0.3 |
| 9/21/2009 | 15.9 | 15.8 | 15.7 | 15.7 | 15.6 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.6 | 15.7 | 15.7 | 15.8 | 15.7 | 15.5 | 15.5 | 15.6 | 15.6 | 15.7 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.5 | 15.9 | 0.4 |
| 9/22/2009 | 15.6 | 15.6 | 15.6 | 15.5 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.3 | 15.4 | 15.5 | 15.5 | 15.5 | 15.5 | 15.3 | 15.3 | 15.3 | 15.4 | 15.5 | 15.6 | 15.6 | 15.6 | 15.5 | 15.5 | 15.3 | 15.6 | 0.3 |
| 9/23/2009 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.2 | 15.2 | 15.2 | 15.3 | 15.4 | 15.4 | 15.5 | 15.5 | 15.4 | 15.3 | 15.3 | 15.3 | 15.4 | 15.7 | 15.7 | 15.5 | 15.2 | 15.4 | 15.2 | 15.7 | 0.5 |
| 9/24/2009 | 15.2 | 15.3 | 15.2 | 15.3 | 15.3 | 15.3 | 15.4 | 15.3 | 15.3 | 15.3 | 15.4 | 15.5 | 15.5 | 15.5 | 15.4 | 15.2 | 15.2 | 15.2 | 15.3 | 15.3 | 15.4 | 15.4 | 15.4 | 15.3 | 15.3 | 15.2 | 15.5 | 0.3 |
| 9/25/2009 | 15.3 | 15.4 | 15.3 | 15.3 | 15.3 | 15.4 | 15.4 | 15.5 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.2 | 15.2 | 15.2 | 15.3 | 15.4 | 15.7 | 15.7 | 15.7 | 15.6 | 15.5 | 15.4 | 15.2 | 15.7 | 0.5 |
| 9/26/2009 | 15.4 | 15.3 | 15.3 | 15.4 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.4 | 15.5 | 15.5 | 15.5 | 15.4 | 15.4 | 15.3 | 15.4 | 15.5 | 15.6 | 15.6 | 15.6 | 15.6 | 15.4 | 15.3 | 15.6 | 0.3 |
| 9/27/2009 | 15.5 | 15.5 | 15.4 | 15.4 | 15.4 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.4 | 15.5 | 15.4 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.4 | 15.4 | 15.4 | 15.3 | 15.4 | 15.3 | 15.5 | 0.2 |
| 9/28/2009 | 15.3 | 15.4 | 15.4 | 15.4 | 15.4 | 15.5 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.3 | 15.4 | 15.3 | 15.5 | 0.2 |
| 9/29/2009 | 15.3 | 15.2 | 15.2 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.0 | 15.0 | 15.0 | 14.9 | 14.9 | 14.9 | 14.9 | 14.8 | 14.8 | 14.8 | 14.7 | 14.7 | 14.6 | 14.5 | 14.4 | 14.4 | 14.9 | 14.4 | 15.3 | 0.9 |
| 9/30/2009 | 14.3 | 14.2 | 14.2 | 14.1 | 14.1 | 14.0 | 13.9 | 13.9 | 13.9 | 13.9 | 14.0 | 14.0 | 14.0 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.8 | 13.7 | 13.7 | 13.6 | 13.9 | 13.6 | 14.3 | 0.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 13.9 | Minimum | 13.6 |
| Mean Daily Mean | 16.0 | Mean Minimum | 15.8 |
| Maximum Daily Mean | 17.2 | | |
| | | Maximum | 17.4 |
| Minumum Range | 0.2 | Mean Maximum | 16.2 |
| Maximum Range | 0.9 | | |
| | | Mean Range | 0.4 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Twin Lake**
**Station MC1**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 4.6 | 4.6 | 4.7 | 4.7 | 4.6 | 4.6 | 4.6 | 4.7 | 4.8 | 4.9 | 4.9 | 4.9 | 4.9 | 5.0 | 5.1 | 5.1 | 5.0 | 4.8 | 4.8 | 4.7 | 4.8 | 4.9 | 5.2 | 5.6 | 4.9 | 4.6 | 5.6 | 1.0 |
| 6/2/2009 | 5.7 | 5.5 | 5.4 | 5.5 | 5.6 | 5.7 | 5.6 | 5.7 | 5.6 | 5.6 | 5.8 | 5.8 | 5.5 | 5.4 | 5.3 | 5.4 | 5.2 | 5.3 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.3 | 5.5 | 5.2 | 5.8 | 0.6 |
| 6/3/2009 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 5.9 | 5.9 | 6.1 | 6.2 | 6.6 | 6.8 | 7.0 | 7.2 | 7.3 | 7.0 | 6.8 | 6.8 | 7.0 | 6.6 | 6.2 | 6.0 | 5.8 | 6.3 | 5.3 | 7.3 | 2.0 |
| 6/4/2009 | 5.8 | 5.8 | 5.9 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.1 | 6.1 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.2 | 6.2 | 6.4 | 6.4 | 6.5 | 6.7 | 6.2 | 5.8 | 6.7 | 0.9 |
| 6/5/2009 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.7 | 6.6 | 6.7 | 6.8 | 6.4 | 6.3 | 6.1 | 6.2 | 6.2 | 6.4 | 6.5 | 6.6 | 6.6 | 6.6 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.1 | 6.8 | 0.7 |
| 6/6/2009 | 6.5 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.1 | 6.2 | 6.4 | 6.4 | 6.4 | 6.5 | 6.4 | 6.1 | 6.6 | 0.5 |
| 6/7/2009 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.7 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.7 | 7.0 | 6.6 | 6.5 | 7.0 | 0.5 |
| 6/8/2009 | 7.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.0 | 6.9 | 6.7 | 6.7 | 6.6 | 6.8 | 6.8 | 7.0 | 7.1 | 7.2 | 7.4 | 7.9 | 7.8 | 8.0 | 8.1 | 7.1 | 6.6 | 8.1 | 1.5 |
| 6/9/2009 | 7.5 | 7.5 | 7.7 | 7.8 | 7.8 | 7.5 | 7.4 | 7.5 | 7.5 | 7.5 | 7.6 | 7.6 | 7.7 | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 | 8.1 | 8.3 | 8.4 | 8.4 | 8.3 | 8.1 | 7.8 | 7.4 | 8.4 | 1.0 |
| 6/10/2009 | 7.9 | 8.0 | 8.0 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.3 | 8.3 | 8.5 | 8.6 | 8.0 | 7.7 | 7.8 | 7.9 | 8.2 | 8.3 | 8.3 | 8.5 | 8.9 | 9.0 | 8.8 | 8.6 | 8.3 | 7.7 | 9.0 | 1.2 |
| 6/11/2009 | 8.2 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.6 | 8.5 | 8.3 | 8.2 | 8.2 | 8.3 | 8.4 | 8.5 | 8.5 | 8.7 | 8.8 | 8.9 | 9.1 | 9.1 | 9.2 | 9.0 | 8.6 | 8.1 | 9.2 | 1.1 |
| 6/12/2009 | 8.8 | 8.7 | 8.6 | 8.6 | 8.7 | 8.8 | 8.9 | 8.9 | 9.0 | 9.1 | 9.0 | 9.1 | 9.2 | 8.8 | 8.7 | 8.6 | 8.7 | 8.9 | 9.0 | 9.2 | 9.3 | 9.3 | 9.4 | 9.1 | 8.9 | 8.6 | 9.4 | 0.8 |
| 6/13/2009 | 9.2 | 9.2 | 9.1 | 9.0 | 8.9 | 9.0 | 9.2 | 9.3 | 9.3 | 9.2 | 9.1 | 9.0 | 9.0 | 9.2 | 9.3 | 9.6 | 9.6 | 9.5 | 9.4 | 9.5 | 9.7 | 9.8 | 9.8 | 9.5 | 9.3 | 8.9 | 9.8 | 0.9 |
| 6/14/2009 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.3 | 9.3 | 9.1 | 9.0 | 9.1 | 9.3 | 9.4 | 9.5 | 9.6 | 9.6 | 9.7 | 9.8 | 10.1 | 10.2 | 9.5 | 9.0 | 10.2 | 1.1 |
| 6/15/2009 | 9.8 | 9.7 | 9.6 | 9.6 | 9.7 | 9.7 | 9.7 | 9.8 | 9.8 | 9.7 | 9.8 | 9.9 | 9.8 | 9.5 | 9.4 | 9.5 | 9.7 | 9.9 | 10.2 | 10.5 | 10.6 | 10.9 | 11.1 | 10.7 | 9.9 | 9.4 | 11.1 | 1.6 |
| 6/16/2009 | 10.6 | 10.8 | 10.6 | 10.4 | 10.5 | 10.6 | 10.6 | 10.6 | 10.7 | 10.9 | 11.0 | 11.2 | 11.5 | 11.8 | 11.5 | 10.1 | 9.9 | 10.2 | 10.4 | 10.5 | 10.4 | 10.6 | 10.7 | 10.8 | 10.7 | 9.9 | 11.8 | 1.9 |
| 6/17/2009 | 10.8 | 10.8 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.6 | 10.7 | 10.7 | 10.7 | 10.9 | 11.0 | 11.0 | 11.1 | 11.0 | 10.9 | 11.3 | 11.4 | 11.5 | 11.4 | 11.1 | 10.8 | 10.9 | 10.5 | 11.5 | 1.0 |
| 6/18/2009 | 11.0 | 11.0 | 11.1 | 11.2 | 11.3 | 11.1 | 11.1 | 11.1 | 11.1 | 11.2 | 11.6 | 11.8 | 11.3 | 10.9 | 10.9 | 11.4 | 11.4 | 11.5 | 11.6 | 11.8 | 11.8 | 12.3 | 11.8 | 11.4 | 11.4 | 10.9 | 12.3 | 1.4 |
| 6/19/2009 | 11.4 | 11.6 | 11.8 | 11.7 | 11.4 | 11.3 | 11.3 | 11.4 | 11.5 | 11.5 | 11.5 | 11.6 | 11.9 | 12.0 | 12.3 | 12.5 | 11.8 | 12.2 | 12.1 | 11.8 | 11.8 | 11.9 | 11.7 | 11.8 | 11.7 | 11.3 | 12.5 | 1.3 |
| 6/20/2009 | 12.0 | 12.1 | 12.1 | 12.0 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.7 | 11.8 | 11.6 | 11.6 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.3 | 12.2 | 12.9 | 13.0 | 12.2 | 12.1 | 12.2 | 11.6 | 13.0 | 1.4 |
| 6/21/2009 | 12.0 | 12.1 | 12.3 | 12.3 | 12.5 | 12.8 | 12.7 | 12.5 | 12.5 | 12.4 | 12.4 | 12.4 | 12.6 | 12.4 | 12.2 | 12.5 | 12.8 | 12.9 | 13.0 | 13.1 | 13.1 | 13.2 | 13.3 | 13.3 | 12.6 | 12.0 | 13.3 | 1.3 |
| 6/22/2009 | 13.3 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.0 | 12.9 | 12.9 | 12.9 | 13.0 | 13.2 | 13.4 | 13.7 | 14.1 | 14.3 | 14.5 | 14.3 | 12.5 | 12.9 | 13.7 | 13.3 | 13.2 | 13.2 | 13.3 | 12.5 | 14.5 | 2.0 |
| 6/23/2009 | 13.3 | 13.4 | 13.3 | 13.2 | 13.2 | 13.3 | 13.2 | 13.1 | 13.1 | 13.2 | 13.4 | 13.7 | 14.0 | 9.4 | 13.4 | 13.2 | 13.1 | 13.1 | 13.2 | 13.4 | 13.4 | 13.5 | 13.6 | 13.5 | 13.2 | 9.4 | 14.0 | 4.6 |
| 6/24/2009 | 13.4 | 13.2 | 13.3 | 13.4 | 13.4 | 13.4 | 13.5 | 13.4 | 13.4 | 13.5 | 13.5 | 13.8 | 14.0 | 13.8 | 13.4 | 13.4 | 13.5 | 13.7 | 13.9 | 14.0 | 14.1 | 14.1 | 14.1 | 14.1 | 13.6 | 13.2 | 14.1 | 0.9 |
| 6/25/2009 | 13.9 | 13.7 | 13.8 | 13.8 | 13.9 | 14.0 | 14.2 | 14.3 | 14.3 | 14.1 | 13.8 | 13.8 | 13.9 | 14.0 | 14.0 | 14.3 | 14.6 | 15.0 | 14.9 | 15.0 | 14.7 | 14.1 | 14.0 | 14.1 | 14.2 | 13.7 | 15.0 | 1.3 |
| 6/26/2009 | 14.1 | 14.2 | 14.3 | 14.4 | 14.3 | 14.2 | 14.3 | 14.3 | 14.2 | 14.1 | 14.1 | 14.3 | 14.4 | 14.7 | 14.9 | 15.0 | 14.8 | 15.0 | 14.9 | 14.9 | 14.9 | 14.6 | 14.5 | 14.6 | 14.5 | 14.1 | 15.0 | 0.9 |
| 6/27/2009 | 14.8 | 15.1 | 15.0 | 15.0 | 15.0 | 14.9 | 14.8 | 14.8 | 14.9 | 15.1 | 15.2 | 14.7 | 14.6 | 14.7 | 14.9 | 15.2 | 15.3 | 15.2 | 15.4 | 15.6 | 15.7 | 15.7 | 15.8 | 15.5 | 15.1 | 14.6 | 15.8 | 1.2 |
| 6/28/2009 | 15.4 | 15.2 | 15.0 | 15.0 | 15.1 | 15.2 | 15.2 | 15.2 | 15.3 | 15.3 | 15.3 | 15.3 | 15.2 | 15.3 | 15.7 | 16.0 | 16.2 | 16.3 | 16.0 | 15.2 | 15.1 | 15.5 | 15.6 | 15.7 | 15.4 | 15.0 | 16.3 | 1.4 |
| 6/29/2009 | 15.8 | 16.0 | 15.7 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.4 | 15.6 | 15.6 | 15.9 | 16.0 | 15.9 | 16.2 | 16.6 | 16.5 | 16.4 | 16.2 | 15.9 | 16.0 | 16.1 | 15.9 | 15.9 | 15.9 | 15.4 | 16.6 | 1.1 |
| 6/30/2009 | 15.9 | 16.2 | 16.3 | 16.3 | 16.4 | 16.4 | 16.2 | 16.3 | 16.3 | 16.4 | 16.0 | 15.8 | 16.0 | 16.2 | 16.4 | 16.2 | 15.8 | 15.9 | 16.3 | 16.3 | 16.4 | 16.5 | 16.3 | 16.1 | 16.2 | 15.8 | 16.5 | 0.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 4.9 | Minimum | 4.6 |
| Mean Daily Mean | 10.4 | Mean Minimum | 9.9 |
| Maximum Daily Mean | 16.2 | | |
| | | Maximum | 16.6 |
| Minumum Range | 0.5 | Mean Maximum | 11.1 |
| Maximum Range | 4.6 | | |
| | | Mean Range | 1.3 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Twin Lake**
**Station MC1**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 16.0 | 16.1 | 16.2 | 16.2 | 16.2 | 16.2 | 16.3 | 16.3 | 16.3 | 16.2 | 16.2 | 16.0 | 16.1 | 16.2 | 16.6 | 16.7 | 16.8 | 17.0 | 17.1 | 16.9 | 16.9 | 16.9 | 16.8 | 16.7 | 16.5 | 16.0 | 17.1 | 1.1 |
| 7/2/2009 | 16.9 | 16.9 | 17.0 | 17.1 | 17.3 | 17.2 | 17.2 | 17.2 | 17.2 | 17.3 | 17.3 | 17.2 | 16.8 | 16.3 | 16.4 | 16.7 | 17.0 | 17.0 | 17.1 | 17.2 | 17.3 | 17.5 | 17.3 | 17.0 | 17.1 | 16.3 | 17.5 | 1.2 |
| 7/3/2009 | 17.0 | 17.1 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.2 | 16.9 | 17.0 | 16.9 | 17.0 | 17.2 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.8 | 17.8 | 17.8 | 17.6 | 17.3 | 16.9 | 17.8 | 0.9 |
| 7/4/2009 | 17.6 | 17.7 | 17.7 | 17.6 | 17.6 | 17.5 | 17.5 | 17.5 | 17.5 | 17.6 | 17.7 | 17.5 | 17.5 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.8 | 17.9 | 17.9 | 17.9 | 18.0 | 18.0 | 17.7 | 17.4 | 18.0 | 0.6 |
| 7/5/2009 | 18.0 | 17.9 | 17.8 | 17.7 | 17.7 | 17.6 | 17.6 | 17.5 | 17.5 | 17.6 | 17.7 | 17.7 | 17.8 | 17.9 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.1 | 18.1 | 18.2 | 18.1 | 18.1 | 17.9 | 17.5 | 18.2 | 0.7 |
| 7/6/2009 | 18.0 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.3 | 17.3 | 17.3 | 17.5 | 17.7 | 17.8 | 17.8 | 17.8 | 17.9 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.7 | 17.6 | 17.7 | 17.3 | 18.0 | 0.7 |
| 7/7/2009 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 16.9 | 17.0 | 17.2 | 17.4 | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.1 | 17.3 | 16.9 | 17.6 | 0.7 |
| 7/8/2009 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.3 | 16.4 | 16.6 | 16.8 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.8 | 16.8 | 16.9 | 16.9 | 16.8 | 16.7 | 16.7 | 16.3 | 17.0 | 0.7 |
| 7/9/2009 | 16.6 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.0 | 16.0 | 16.0 | 16.2 | 16.3 | 16.5 | 16.4 | 16.5 | 16.5 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.5 | 16.4 | 16.0 | 16.6 | 0.6 |
| 7/10/2009 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.9 | 15.9 | 16.0 | 16.2 | 16.2 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.5 | 16.4 | 16.5 | 16.5 | 16.6 | 16.7 | 16.6 | 16.3 | 15.9 | 16.7 | 0.8 |
| 7/11/2009 | 16.6 | 16.5 | 16.4 | 16.4 | 16.3 | 16.3 | 16.2 | 16.1 | 16.1 | 16.2 | 16.3 | 16.5 | 16.5 | 16.6 | 16.7 | 16.7 | 16.7 | 16.7 | 16.6 | 16.5 | 16.5 | 16.6 | 16.6 | 16.6 | 16.5 | 16.1 | 16.7 | 0.6 |
| 7/12/2009 | 16.7 | 16.7 | 16.6 | 16.6 | 16.6 | 16.5 | 16.4 | 16.4 | 16.4 | 16.3 | 16.3 | 16.4 | 16.5 | 16.7 | 16.7 | 16.8 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 16.9 | 16.7 | 16.3 | 17.0 | 0.7 |
| 7/13/2009 | 16.8 | 16.7 | 16.6 | 16.5 | 16.5 | 16.4 | 16.3 | 16.3 | 16.3 | 16.4 | 16.6 | 16.6 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.1 | 17.1 | 17.2 | 16.7 | 16.3 | 17.2 | 0.9 |
| 7/14/2009 | 17.1 | 17.0 | 17.0 | 16.9 | 16.8 | 16.8 | 16.7 | 16.6 | 16.6 | 16.7 | 16.8 | 16.9 | 17.2 | 17.4 | 17.3 | 17.1 | 17.1 | 17.1 | 17.2 | 17.2 | 17.2 | 17.3 | 17.3 | 17.4 | 17.0 | 16.6 | 17.4 | 0.8 |
| 7/15/2009 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 17.1 | 17.3 | 17.4 | 17.5 | 17.6 | 17.6 | 17.6 | 17.6 | 17.6 | 17.7 | 17.7 | 17.7 | 17.8 | 17.8 | 17.7 | 17.5 | 17.1 | 17.8 | 0.7 |
| 7/16/2009 | 17.6 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.3 | 18.3 | 18.5 | 18.5 | 18.0 | 17.6 | 18.5 | 0.9 |
| 7/17/2009 | 18.4 | 18.3 | 18.2 | 18.2 | 18.1 | 18.1 | 18.0 | 17.9 | 17.9 | 18.1 | 18.2 | 18.2 | 18.3 | 18.5 | 18.6 | 18.4 | 18.4 | 18.4 | 18.4 | 18.5 | 18.6 | 18.6 | 18.5 | 18.6 | 18.3 | 17.9 | 18.6 | 0.7 |
| 7/18/2009 | 18.7 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.9 | 18.9 | 18.7 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 19.0 | 19.0 | 19.1 | 19.1 | 19.2 | 19.2 | 19.1 | 18.9 | 18.7 | 19.2 | 0.5 |
| 7/19/2009 | 19.1 | 19.2 | 19.2 | 19.3 | 19.3 | 19.3 | 19.2 | 19.2 | 19.2 | 19.2 | 19.3 | 19.3 | 19.1 | 19.2 | 19.2 | 19.3 | 19.3 | 19.4 | 19.5 | 19.5 | 19.5 | 19.7 | 19.7 | 19.7 | 19.3 | 19.1 | 19.7 | 0.6 |
| 7/20/2009 | 19.7 | 19.6 | 19.6 | 19.6 | 19.6 | 19.5 | 19.5 | 19.4 | 19.4 | 19.5 | 19.1 | 19.6 | 19.6 | 19.6 | 19.7 | 19.8 | 19.8 | 19.9 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.1 | 19.7 | 19.1 | 20.1 | 1.0 |
| 7/21/2009 | 20.0 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.5 | 19.5 | 19.5 | 19.7 | 19.7 | 19.8 | 19.9 | 20.0 | 20.0 | 20.1 | 20.1 | 20.1 | 20.2 | 20.1 | 20.1 | 20.2 | 20.1 | 19.9 | 19.5 | 20.2 | 0.7 |
| 7/22/2009 | 20.0 | 19.9 | 19.8 | 19.8 | 19.7 | 19.6 | 19.5 | 19.5 | 19.5 | 19.5 | 19.7 | 19.8 | 19.8 | 19.9 | 20.0 | 20.1 | 20.1 | 20.1 | 20.1 | 20.1 | 20.2 | 20.2 | 20.2 | 20.2 | 19.9 | 19.5 | 20.2 | 0.7 |
| 7/23/2009 | 20.2 | 20.2 | 20.1 | 20.1 | 20.0 | 20.0 | 19.9 | 19.8 | 19.8 | 20.0 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.2 | 19.8 | 20.5 | 0.7 |
| 7/24/2009 | 20.5 | 20.5 | 20.4 | 20.3 | 20.3 | 20.2 | 20.1 | 20.0 | 20.0 | 20.1 | 20.2 | 20.2 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.6 | 20.6 | 20.7 | 20.7 | 20.7 | 20.4 | 20.0 | 20.7 | 0.7 |
| 7/25/2009 | 20.6 | 20.5 | 20.3 | 20.2 | 20.1 | 20.0 | 19.9 | 19.9 | 19.9 | 19.9 | 20.0 | 20.1 | 20.2 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.6 | 20.6 | 20.6 | 20.6 | 20.3 | 19.9 | 20.6 | 0.7 |
| 7/26/2009 | 20.5 | 20.5 | 20.4 | 20.3 | 20.2 | 20.1 | 20.1 | 20.0 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.6 | 20.6 | 20.6 | 20.7 | 20.7 | 20.7 | 20.8 | 20.7 | 20.7 | 20.4 | 20.0 | 20.8 | 0.8 |
| 7/27/2009 | 20.8 | 20.7 | 20.7 | 20.7 | 20.6 | 20.5 | 20.4 | 20.4 | 20.3 | 20.4 | 20.5 | 20.6 | 20.9 | 21.0 | 20.9 | 20.7 | 20.7 | 20.7 | 20.7 | 20.8 | 20.8 | 20.9 | 20.9 | 21.0 | 20.7 | 20.3 | 21.0 | 0.7 |
| 7/28/2009 | 21.0 | 20.9 | 20.9 | 20.8 | 20.7 | 20.7 | 20.5 | 20.5 | 20.5 | 20.6 | 20.7 | 20.9 | 21.1 | 21.4 | 21.1 | 20.9 | 20.9 | 20.9 | 21.0 | 21.0 | 21.1 | 21.1 | 21.0 | 21.0 | 20.9 | 20.5 | 21.4 | 0.9 |
| 7/29/2009 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 20.9 | 20.9 | 20.8 | 20.9 | 21.1 | 21.2 | 21.0 | 20.9 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 20.8 | 21.2 | 0.4 |
| 7/30/2009 | 21.0 | 20.9 | 20.8 | 20.7 | 20.6 | 20.6 | 20.5 | 20.4 | 20.4 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.8 | 20.8 | 20.7 | 20.7 | 20.7 | 20.8 | 20.8 | 20.8 | 20.8 | 20.9 | 20.7 | 20.4 | 21.0 | 0.6 |
| 7/31/2009 | 20.8 | 20.7 | 20.7 | 20.6 | 20.5 | 20.4 | 20.4 | 20.3 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 20.9 | 21.0 | 21.0 | 21.1 | 21.1 | 21.2 | 21.3 | 21.3 | 21.2 | 20.8 | 20.3 | 21.3 | 1.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 16.3 | Minimum | 15.9 |
| Mean Daily Mean | 18.5 | Mean Minimum | 18.1 |
| Maximum Daily Mean | 21.0 | | |
| | | Maximum | 21.4 |
| Minumum Range | 0.4 | Mean Maximum | 18.8 |
| Maximum Range | 1.2 | | |
| | | Mean Range | 0.7 |
| # of Days <= 20 (ºC) | 27 | | |
| # of Days > 20 (ºC) | 4 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Twin Lake**
**Station MC1**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 21.2 | 21.1 | 21.1 | 21.0 | 20.9 | 20.9 | 20.8 | 20.7 | 20.7 | 20.7 | 20.7 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.8 | 20.9 | 20.7 | 21.2 | 0.5 |
| 8/2/2009 | 20.8 | 20.7 | 20.6 | 20.5 | 20.4 | 20.4 | 20.3 | 20.2 | 20.2 | 20.3 | 20.4 | 20.4 | 20.5 | 20.6 | 20.7 | 20.7 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.7 | 20.7 | 20.6 | 20.2 | 20.8 | 0.6 |
| 8/3/2009 | 20.6 | 20.6 | 20.5 | 20.4 | 20.3 | 20.1 | 20.0 | 19.9 | 19.9 | 19.9 | 20.0 | 20.2 | 20.2 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.4 | 20.4 | 20.4 | 20.5 | 20.4 | 20.3 | 20.3 | 19.9 | 20.6 | 0.7 |
| 8/4/2009 | 20.2 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.4 | 19.4 | 19.5 | 19.7 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.0 | 20.0 | 19.9 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 19.8 | 19.4 | 20.2 | 0.8 |
| 8/5/2009 | 20.0 | 19.9 | 19.8 | 19.7 | 19.6 | 19.5 | 19.4 | 19.4 | 19.3 | 19.3 | 19.4 | 19.6 | 19.8 | 19.7 | 19.7 | 19.7 | 19.6 | 19.6 | 19.7 | 19.6 | 19.6 | 19.6 | 19.5 | 19.4 | 19.6 | 19.3 | 20.0 | 0.7 |
| 8/6/2009 | 19.3 | 19.2 | 19.0 | 18.8 | 18.8 | 18.7 | 18.7 | 18.5 | 18.4 | 18.4 | 18.3 | 18.3 | 18.2 | 18.3 | 18.4 | 18.5 | 18.5 | 18.4 | 18.3 | 18.2 | 18.0 | 18.0 | 17.9 | 17.8 | 18.5 | 17.8 | 19.3 | 1.6 |
| 8/7/2009 | 17.7 | 17.6 | 17.5 | 17.5 | 17.4 | 17.3 | 17.2 | 17.0 | 16.9 | 17.0 | 17.2 | 17.3 | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.2 | 17.3 | 16.9 | 17.7 | 0.8 |
| 8/8/2009 | 17.1 | 17.1 | 16.9 | 16.9 | 16.8 | 16.7 | 16.6 | 16.6 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.1 | 16.9 | 16.5 | 17.1 | 0.6 |
| 8/9/2009 | 17.1 | 17.1 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.6 | 16.7 | 16.9 | 17.0 | 17.1 | 17.0 | 16.9 | 17.0 | 17.0 | 17.0 | 17.1 | 17.1 | 17.1 | 17.2 | 17.3 | 17.0 | 16.5 | 17.3 | 0.8 |
| 8/10/2009 | 17.3 | 17.3 | 17.2 | 17.2 | 17.1 | 17.0 | 17.0 | 16.9 | 16.8 | 16.9 | 17.0 | 17.1 | 17.3 | 17.4 | 17.2 | 17.1 | 17.1 | 17.2 | 17.2 | 17.2 | 17.3 | 17.3 | 17.4 | 17.4 | 17.2 | 16.8 | 17.4 | 0.6 |
| 8/11/2009 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 16.9 | 16.9 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.6 | 17.6 | 17.6 | 17.3 | 16.9 | 17.6 | 0.7 |
| 8/12/2009 | 17.5 | 17.5 | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 17.1 | 17.1 | 17.3 | 17.3 | 17.4 | 17.5 | 17.5 | 17.6 | 17.5 | 17.6 | 17.6 | 17.6 | 17.6 | 17.6 | 17.3 | 16.9 | 17.6 | 0.7 |
| 8/13/2009 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.2 | 17.1 | 17.0 | 17.0 | 17.0 | 17.2 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.6 | 17.7 | 17.7 | 17.7 | 17.8 | 17.8 | 17.7 | 17.7 | 17.4 | 17.0 | 17.8 | 0.8 |
| 8/14/2009 | 17.6 | 17.5 | 17.4 | 17.3 | 17.1 | 16.9 | 16.9 | 16.8 | 16.8 | 16.8 | 17.0 | 17.1 | 17.4 | 17.3 | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.2 | 17.1 | 17.2 | 16.8 | 17.6 | 0.8 |
| 8/15/2009 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.4 | 16.5 | 16.7 | 16.9 | 17.1 | 17.1 | 17.0 | 16.9 | 16.9 | 16.8 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 16.8 | 16.3 | 17.1 | 0.8 |
| 8/16/2009 | 16.9 | 16.8 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.3 | 16.3 | 16.4 | 16.6 | 16.9 | 17.2 | 16.9 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 17.1 | 17.1 | 17.2 | 16.8 | 16.3 | 17.2 | 0.9 |
| 8/17/2009 | 17.2 | 17.2 | 17.1 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.7 | 16.9 | 17.1 | 17.3 | 17.6 | 17.9 | 18.0 | 17.5 | 17.3 | 17.2 | 17.3 | 17.3 | 17.4 | 17.4 | 17.6 | 17.2 | 16.6 | 18.0 | 1.4 |
| 8/18/2009 | 17.6 | 17.5 | 17.5 | 17.5 | 17.4 | 17.4 | 17.3 | 17.2 | 17.1 | 17.2 | 17.3 | 17.5 | 17.7 | 17.9 | 17.9 | 17.6 | 17.6 | 17.6 | 17.6 | 17.7 | 17.7 | 17.8 | 17.8 | 17.9 | 17.6 | 17.1 | 17.9 | 0.8 |
| 8/19/2009 | 17.9 | 17.8 | 17.8 | 17.7 | 17.6 | 17.6 | 17.5 | 17.4 | 17.4 | 17.4 | 17.6 | 17.7 | 18.0 | 18.2 | 18.0 | 17.8 | 17.9 | 17.9 | 17.9 | 18.0 | 18.1 | 18.2 | 18.2 | 18.1 | 17.8 | 17.4 | 18.2 | 0.8 |
| 8/20/2009 | 18.1 | 18.0 | 18.0 | 18.1 | 18.1 | 18.1 | 18.0 | 18.0 | 17.9 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.2 | 18.2 | 18.3 | 18.3 | 18.3 | 18.4 | 18.4 | 18.5 | 18.5 | 18.5 | 18.2 | 17.9 | 18.5 | 0.6 |
| 8/21/2009 | 18.5 | 18.4 | 18.4 | 18.3 | 18.3 | 18.1 | 18.1 | 18.0 | 18.0 | 18.1 | 18.2 | 18.2 | 18.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.6 | 18.7 | 18.7 | 18.7 | 18.7 | 18.4 | 18.0 | 18.7 | 0.7 |
| 8/22/2009 | 18.7 | 18.6 | 18.5 | 18.5 | 18.4 | 18.3 | 18.2 | 18.2 | 18.1 | 18.2 | 18.4 | 18.4 | 18.5 | 18.5 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.7 | 18.7 | 18.6 | 18.7 | 18.5 | 18.1 | 18.7 | 0.6 |
| 8/23/2009 | 18.6 | 18.5 | 18.5 | 18.4 | 18.3 | 18.3 | 18.2 | 18.1 | 18.1 | 18.0 | 18.0 | 18.0 | 18.0 | 18.1 | 18.1 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.1 | 18.0 | 17.9 | 18.2 | 17.9 | 18.6 | 0.7 |
| 8/24/2009 | 17.8 | 17.7 | 17.7 | 17.6 | 17.4 | 17.3 | 17.2 | 17.2 | 17.1 | 17.2 | 17.4 | 17.4 | 17.5 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.8 | 17.8 | 17.9 | 17.9 | 17.9 | 17.6 | 17.1 | 17.9 | 0.8 |
| 8/25/2009 | 17.9 | 17.9 | 17.8 | 17.7 | 17.5 | 17.4 | 17.2 | 17.0 | 17.0 | 17.0 | 17.3 | 17.3 | 17.4 | 17.6 | 17.7 | 17.8 | 17.9 | 17.7 | 17.6 | 17.7 | 17.9 | 17.9 | 17.9 | 17.8 | 17.6 | 17.0 | 17.9 | 0.9 |
| 8/26/2009 | 17.7 | 17.6 | 17.5 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 17.0 | 17.3 | 17.3 | 17.4 | 17.6 | 17.6 | 17.7 | 17.7 | 17.5 | 17.4 | 17.5 | 17.6 | 17.6 | 17.6 | 17.6 | 17.4 | 17.0 | 17.7 | 0.7 |
| 8/27/2009 | 17.5 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.6 | 17.6 | 17.7 | 17.7 | 17.8 | 17.8 | 17.4 | 16.9 | 17.8 | 0.9 |
| 8/28/2009 | 17.7 | 17.6 | 17.6 | 17.5 | 17.4 | 17.2 | 17.2 | 17.1 | 17.1 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.6 | 17.4 | 17.3 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.6 | 17.6 | 17.4 | 17.0 | 17.7 | 0.7 |
| 8/29/2009 | 17.5 | 17.5 | 17.4 | 17.3 | 17.3 | 17.1 | 17.0 | 16.9 | 16.8 | 16.9 | 16.9 | 17.0 | 17.2 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.6 | 17.6 | 17.7 | 17.6 | 17.6 | 17.3 | 16.8 | 17.7 | 0.9 |
| 8/30/2009 | 17.6 | 17.5 | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 17.0 | 17.0 | 17.0 | 17.1 | 17.4 | 17.5 | 17.5 | 17.6 | 17.6 | 17.7 | 17.6 | 17.7 | 17.7 | 17.8 | 17.7 | 17.7 | 17.6 | 17.4 | 17.0 | 17.8 | 0.8 |
| 8/31/2009 | 17.6 | 17.5 | 17.4 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.9 | 16.9 | 17.1 | 17.3 | 17.5 | 17.6 | 17.4 | 17.4 | 17.3 | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.3 | 17.3 | 16.9 | 17.6 | 0.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 16.8 | Minimum | 16.3 |
| Mean Daily Mean | 18.0 | Mean Minimum | 17.5 |
| Maximum Daily Mean | 20.9 | | |
| | | Maximum | 21.2 |
| Minumum Range | 0.5 | Mean Maximum | 18.3 |
| Maximum Range | 1.6 | | |
| | | Mean Range | 0.8 |
| # of Days <= 20 (ºC) | 28 | | |
| # of Days > 20 (ºC) | 3 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Twin Lake**
**Station MC1**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.8 | 16.7 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.7 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 16.9 | 16.8 | 16.8 | 16.6 | 17.2 | 0.6 |
| 9/2/2009 | 16.8 | 16.7 | 16.6 | 16.6 | 16.4 | 16.3 | 16.3 | 16.2 | 16.2 | 16.2 | 16.2 | 16.3 | 16.5 | 16.5 | 16.6 | 16.5 | 16.6 | 16.6 | 16.6 | 16.7 | 16.7 | 16.8 | 16.8 | 16.8 | 16.5 | 16.2 | 16.8 | 0.6 |
| 9/3/2009 | 16.7 | 16.7 | 16.6 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.7 | 16.8 | 16.8 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.6 | 16.1 | 16.9 | 0.8 |
| 9/4/2009 | 16.8 | 16.7 | 16.7 | 16.6 | 16.4 | 16.4 | 16.3 | 16.3 | 16.2 | 16.2 | 16.4 | 16.4 | 16.5 | 16.6 | 16.7 | 16.7 | 16.7 | 16.8 | 16.8 | 16.8 | 16.9 | 16.9 | 16.8 | 16.7 | 16.6 | 16.2 | 16.9 | 0.7 |
| 9/5/2009 | 16.6 | 16.5 | 16.4 | 16.3 | 16.2 | 16.2 | 16.0 | 16.0 | 15.9 | 16.0 | 16.1 | 16.3 | 16.6 | 16.6 | 16.6 | 16.6 | 16.7 | 16.6 | 16.6 | 16.7 | 16.7 | 16.7 | 16.6 | 16.6 | 16.4 | 15.9 | 16.7 | 0.8 |
| 9/6/2009 | 16.4 | 16.3 | 16.2 | 16.0 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.7 | 15.7 | 15.9 | 16.0 | 16.1 | 16.2 | 16.2 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 16.0 | 15.6 | 16.4 | 0.8 |
| 9/7/2009 | 15.9 | 15.8 | 15.7 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 15.9 | 15.9 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 15.7 | 15.3 | 16.0 | 0.7 |
| 9/8/2009 | 15.9 | 15.8 | 15.7 | 15.6 | 15.6 | 15.5 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.5 | 15.7 | 16.0 | 15.9 | 15.6 | 15.7 | 15.7 | 15.7 | 15.8 | 15.8 | 15.9 | 16.0 | 16.0 | 15.7 | 15.3 | 16.0 | 0.7 |
| 9/9/2009 | 15.9 | 15.9 | 15.8 | 15.8 | 15.7 | 15.5 | 15.5 | 15.4 | 15.4 | 15.4 | 15.5 | 15.5 | 15.7 | 15.8 | 15.8 | 15.8 | 15.9 | 15.9 | 16.0 | 16.0 | 16.1 | 16.1 | 16.2 | 16.2 | 15.8 | 15.4 | 16.2 | 0.8 |
| 9/10/2009 | 16.1 | 16.0 | 16.0 | 15.9 | 15.8 | 15.7 | 15.7 | 15.6 | 15.5 | 15.6 | 15.6 | 15.8 | 15.9 | 16.1 | 16.0 | 16.0 | 16.1 | 16.1 | 16.1 | 16.2 | 16.2 | 16.3 | 16.4 | 16.5 | 16.0 | 15.5 | 16.5 | 1.0 |
| 9/11/2009 | 16.5 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 15.8 | 15.8 | 15.9 | 16.0 | 16.1 | 16.4 | 16.5 | 16.7 | 16.3 | 16.2 | 16.2 | 16.2 | 16.2 | 16.3 | 16.3 | 16.3 | 16.4 | 16.2 | 15.8 | 16.7 | 0.8 |
| 9/12/2009 | 16.5 | 16.5 | 16.5 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 16.2 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.5 | 16.6 | 16.6 | 16.5 | 16.5 | 16.4 | 16.4 | 16.4 | 16.1 | 16.6 | 0.5 |
| 9/13/2009 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.6 | 15.7 | 15.9 | 16.1 | 16.4 | 16.5 | 16.8 | 16.5 | 16.5 | 16.5 | 16.4 | 16.4 | 16.3 | 16.2 | 16.1 | 16.2 | 15.6 | 16.8 | 1.2 |
| 9/14/2009 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.2 | 15.0 | 15.0 | 15.0 | 15.0 | 15.1 | 15.2 | 15.4 | 15.4 | 15.4 | 15.5 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 | 15.0 | 16.0 | 1.0 |
| 9/15/2009 | 15.4 | 15.3 | 15.2 | 15.1 | 14.9 | 14.9 | 14.8 | 14.7 | 14.7 | 14.6 | 14.6 | 14.8 | 15.2 | 15.4 | 15.7 | 16.0 | 16.2 | 15.7 | 15.3 | 15.3 | 15.4 | 15.5 | 15.5 | 15.5 | 15.2 | 14.6 | 16.2 | 1.6 |
| 9/16/2009 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.4 | 15.3 | 15.3 | 15.3 | 15.2 | 15.4 | 15.5 | 15.6 | 15.6 | 15.5 | 15.5 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.7 | 15.8 | 15.5 | 15.2 | 15.8 | 0.6 |
| 9/17/2009 | 15.7 | 15.7 | 15.6 | 15.6 | 15.5 | 15.4 | 15.3 | 15.3 | 15.2 | 15.2 | 15.3 | 15.3 | 15.5 | 15.6 | 15.7 | 15.7 | 15.7 | 15.8 | 15.8 | 15.9 | 15.9 | 16.0 | 16.0 | 16.0 | 15.6 | 15.2 | 16.0 | 0.8 |
| 9/18/2009 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 | 15.3 | 15.4 | 15.5 | 15.6 | 15.9 | 16.1 | 15.9 | 15.8 | 15.8 | 15.8 | 15.8 | 15.9 | 15.9 | 16.0 | 16.0 | 15.7 | 15.3 | 16.1 | 0.8 |
| 9/19/2009 | 16.0 | 15.9 | 15.8 | 15.8 | 15.6 | 15.6 | 15.4 | 15.3 | 15.2 | 15.2 | 15.4 | 15.4 | 15.6 | 15.8 | 16.1 | 16.0 | 16.0 | 16.1 | 16.0 | 16.1 | 16.1 | 16.1 | 16.0 | 15.9 | 15.8 | 15.2 | 16.1 | 1.0 |
| 9/20/2009 | 15.7 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 15.0 | 15.0 | 15.0 | 15.2 | 15.4 | 15.5 | 15.8 | 16.1 | 16.3 | 16.5 | 16.7 | 16.7 | 16.1 | 16.1 | 16.2 | 16.2 | 16.1 | 15.7 | 15.0 | 16.7 | 1.7 |
| 9/21/2009 | 16.2 | 16.1 | 15.7 | 15.4 | 15.2 | 15.3 | 15.2 | 15.2 | 15.0 | 14.9 | 15.0 | 15.2 | 15.4 | 15.7 | 16.0 | 16.3 | 16.4 | 16.5 | 16.5 | 16.4 | 16.2 | 16.0 | 16.0 | 15.9 | 15.7 | 14.9 | 16.5 | 1.7 |
| 9/22/2009 | 15.9 | 15.8 | 15.7 | 15.6 | 15.6 | 15.5 | 15.3 | 15.1 | 14.8 | 14.7 | 14.8 | 15.0 | 15.3 | 15.6 | 15.9 | 16.1 | 16.2 | 16.3 | 16.1 | 15.8 | 15.7 | 15.6 | 15.5 | 15.5 | 15.6 | 14.7 | 16.3 | 1.6 |
| 9/23/2009 | 15.6 | 15.6 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 | 15.3 | 15.1 | 14.9 | 15.0 | 15.2 | 15.4 | 15.6 | 15.5 | 15.4 | 15.3 | 15.3 | 15.3 | 15.3 | 15.4 | 15.4 | 15.4 | 15.3 | 15.4 | 14.9 | 15.6 | 0.7 |
| 9/24/2009 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.9 | 14.9 | 14.8 | 14.8 | 14.8 | 14.9 | 14.9 | 15.1 | 15.2 | 15.3 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.5 | 15.5 | 15.4 | 15.2 | 14.8 | 15.5 | 0.7 |
| 9/25/2009 | 15.4 | 15.3 | 15.3 | 15.2 | 15.1 | 15.0 | 15.0 | 14.9 | 14.9 | 14.9 | 15.0 | 15.1 | 15.4 | 15.6 | 16.0 | 16.3 | 16.3 | 16.3 | 15.9 | 16.0 | 16.1 | 16.1 | 15.9 | 15.9 | 15.5 | 14.9 | 16.3 | 1.4 |
| 9/26/2009 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.7 | 15.6 | 15.6 | 15.6 | 15.5 | 15.6 | 15.9 | 16.1 | 16.3 | 16.5 | 16.5 | 16.5 | 15.8 | 15.7 | 15.6 | 15.7 | 15.8 | 15.8 | 15.9 | 15.5 | 16.5 | 1.0 |
| 9/27/2009 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.7 | 15.6 | 15.6 | 15.6 | 15.7 | 15.9 | 16.2 | 16.3 | 16.2 | 15.9 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 16.0 | 16.0 | 15.9 | 15.6 | 16.3 | 0.7 |
| 9/28/2009 | 15.9 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.3 | 15.3 | 15.4 | 15.6 | 15.6 | 15.7 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.7 | 15.6 | 15.7 | 15.3 | 15.9 | 0.6 |
| 9/29/2009 | 15.4 | 15.3 | 15.2 | 15.0 | 14.9 | 14.8 | 14.7 | 14.5 | 14.4 | 14.4 | 14.3 | 14.3 | 14.1 | 14.1 | 13.9 | 14.1 | 14.0 | 13.9 | 13.8 | 13.6 | 13.4 | 13.4 | 13.3 | 13.1 | 14.2 | 13.1 | 15.4 | 2.3 |
| 9/30/2009 | 13.1 | 13.0 | 12.9 | 12.8 | 12.6 | 12.6 | 12.4 | 12.3 | 12.3 | 12.2 | 12.3 | 12.4 | 12.6 | 12.8 | 13.1 | 13.4 | 13.7 | 13.8 | 13.8 | 13.7 | 13.2 | 13.0 | 12.8 | 12.6 | 12.9 | 12.2 | 13.8 | 1.6 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.9 | Minimum | 12.2 |
| Mean Daily Mean | 15.7 | Mean Minimum | 15.2 |
| Maximum Daily Mean | 16.8 | | |
| | | Maximum | 17.2 |
| Minumum Range | 0.5 | Mean Maximum | 16.2 |
| Maximum Range | 2.3 | | |
| | | Mean Range | 1.0 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Meadow Lake**
**Station MC2**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 4.4 | 4.4 | 4.3 | 4.3 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 4.5 | 4.6 | 4.6 | 4.8 | 4.7 | 4.7 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.4 | 4.5 | 4.3 | 4.8 | 0.5 |
| 6/2/2009 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 4.7 | 4.8 | 4.8 | 4.8 | 4.9 | 5.0 | 5.0 | 4.7 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.6 | 4.4 | 5.0 | 0.6 |
| 6/3/2009 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 5.0 | 5.3 | 4.9 | 4.8 | 4.8 | 5.0 | 5.1 | 5.2 | 5.3 | 5.2 | 5.2 | 4.9 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.8 | 4.5 | 5.3 | 0.8 |
| 6/4/2009 | 4.6 | 4.6 | 4.7 | 4.6 | 4.7 | 4.8 | 4.9 | 4.9 | 4.8 | 4.8 | 4.9 | 4.9 | 5.0 | 4.9 | 4.8 | 4.7 | 4.7 | 4.8 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 | 4.8 | 4.6 | 5.0 | 0.4 |
| 6/5/2009 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.7 | 4.8 | 4.8 | 4.8 | 4.7 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 | 4.8 | 0.2 |
| 6/6/2009 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 4.8 | 4.9 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.8 | 4.7 | 4.9 | 0.2 |
| 6/7/2009 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.9 | 4.9 | 5.0 | 5.0 | 5.1 | 5.1 | 5.0 | 4.9 | 4.9 | 4.9 | 4.9 | 5.0 | 5.1 | 4.9 | 4.8 | 5.1 | 0.3 |
| 6/8/2009 | 5.1 | 5.0 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.6 | 5.3 | 5.2 | 5.2 | 5.2 | 5.3 | 5.5 | 5.7 | 5.3 | 5.2 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.2 | 5.0 | 5.7 | 0.7 |
| 6/9/2009 | 5.0 | 5.0 | 5.2 | 5.4 | 5.3 | 5.5 | 5.3 | 5.3 | 5.2 | 5.2 | 5.3 | 5.3 | 5.3 | 5.2 | 5.3 | 5.2 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.2 | 5.0 | 5.5 | 0.5 |
| 6/10/2009 | 5.1 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.6 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.3 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.4 | 5.5 | 5.3 | 5.1 | 5.6 | 0.4 |
| 6/11/2009 | 5.5 | 5.6 | 5.6 | 5.5 | 5.8 | 5.7 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.3 | 5.4 | 5.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.6 | 5.7 | 5.5 | 5.3 | 5.8 | 0.5 |
| 6/12/2009 | 5.7 | 5.6 | 5.7 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.6 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.3 | 5.4 | 5.4 | 5.4 | 5.6 | 5.7 | 5.5 | 5.3 | 5.7 | 0.4 |
| 6/13/2009 | 5.9 | 5.8 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 | 5.6 | 5.6 | 5.9 | 6.0 | 5.6 | 5.4 | 6.0 | 0.6 |
| 6/14/2009 | 5.8 | 5.8 | 5.7 | 5.8 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.6 | 5.6 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.6 | 6.0 | 6.0 | 5.9 | 5.6 | 5.4 | 6.0 | 0.6 |
| 6/15/2009 | 5.6 | 5.6 | 5.7 | 5.9 | 5.9 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.6 | 5.5 | 5.6 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.7 | 6.0 | 6.5 | 6.4 | 5.9 | 5.7 | 5.5 | 6.5 | 1.0 |
| 6/16/2009 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.7 | 5.7 | 5.6 | 5.6 | 5.7 | 5.9 | 6.4 | 6.1 | 5.8 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.6 | 5.7 | 6.1 | 5.9 | 5.8 | 5.8 | 5.6 | 6.4 | 0.8 |
| 6/17/2009 | 5.6 | 5.7 | 5.7 | 5.7 | 5.8 | 5.8 | 5.8 | 5.6 | 5.6 | 5.7 | 5.7 | 5.6 | 5.7 | 5.6 | 5.6 | 5.6 | 5.7 | 5.7 | 5.8 | 6.0 | 5.9 | 5.9 | 5.9 | 6.0 | 5.7 | 5.6 | 6.0 | 0.4 |
| 6/18/2009 | 6.0 | 5.9 | 5.8 | 5.9 | 5.7 | 5.6 | 5.6 | 5.6 | 5.5 | 5.6 | 5.6 | 5.6 | 5.7 | 5.8 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.8 | 5.8 | 6.0 | 5.8 | 5.9 | 5.8 | 5.5 | 6.0 | 0.5 |
| 6/19/2009 | 5.8 | 5.7 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.7 | 5.8 | 5.9 | 5.9 | 5.9 | 6.0 | 6.2 | 6.2 | 5.9 | 5.8 | 5.7 | 5.8 | 5.9 | 6.1 | 5.9 | 5.8 | 5.6 | 6.2 | 0.6 |
| 6/20/2009 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.6 | 5.6 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.8 | 5.9 | 6.1 | 6.2 | 6.3 | 6.0 | 5.9 | 6.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.6 | 6.3 | 0.7 |
| 6/21/2009 | 5.8 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 5.9 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 5.7 | 6.2 | 0.5 |
| 6/22/2009 | 5.9 | 5.8 | 5.8 | 5.8 | 5.7 | 5.7 | 5.8 | 5.8 | 5.8 | 5.9 | 6.0 | 6.0 | 6.0 | 5.9 | 6.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.7 | 5.8 | 5.8 | 6.0 | 6.1 | 5.9 | 5.7 | 6.1 | 0.4 |
| 6/23/2009 | 6.1 | 6.0 | 5.9 | 5.9 | 6.0 | 6.0 | 5.9 | 5.8 | 5.8 | 5.9 | 5.9 | 6.0 | 5.9 | 5.9 | | | | | | | | | | | | | | |
| 6/24/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/25/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/26/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/27/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/28/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/29/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/30/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 4.5 | Minimum | 4.3 |
| Mean Daily Mean | 5.3 | Mean Minimum | 5.1 |
| Maximum Daily Mean | 5.9 | | |
| | | Maximum | 6.5 |
| Minumum Range | 0.2 | Mean Maximum | 5.7 |
| Maximum Range | 1.0 | | |
| | | Mean Range | 0.5 |
| # of Days <= 20 (ºC) | 22 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Meadow Lake**
**Station MC2**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/2/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/3/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/4/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/5/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/6/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/7/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/8/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/9/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/10/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/11/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/12/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/13/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/14/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/15/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/16/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/17/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/18/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/19/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/20/2009 | | | | | | | | | | | 8.5 | 8.5 | 8.7 | 9.2 | 9.2 | 9.1 | 9.0 | 8.7 | 8.7 | 8.9 | 9.3 | 9.2 | 9.3 | 9.2 | 9.0 | 8.5 | 9.3 | 0.9 |
| 7/21/2009 | 8.6 | 8.5 | 8.5 | 8.5 | 8.8 | 9.0 | 8.7 | 8.6 | 8.4 | 8.4 | 8.4 | 8.6 | 9.0 | 9.4 | 9.5 | 9.4 | 9.2 | 8.9 | 8.7 | 8.8 | 9.4 | 9.3 | 9.7 | 9.8 | 8.9 | 8.4 | 9.8 | 1.4 |
| 7/22/2009 | 9.1 | 9.0 | 8.8 | 8.7 | 8.8 | 8.8 | 8.9 | 8.8 | 8.8 | 8.7 | 8.6 | 8.8 | 8.8 | 9.2 | 9.4 | 9.5 | 9.6 | 9.5 | 9.1 | 9.1 | 9.3 | 9.6 | 9.5 | 9.4 | 9.1 | 8.6 | 9.6 | 1.0 |
| 7/23/2009 | 9.4 | 9.4 | 9.4 | 9.5 | 9.4 | 9.3 | 9.1 | 8.8 | 8.6 | 8.6 | 8.7 | 8.9 | 9.3 | 9.5 | 9.5 | 9.4 | 9.6 | 9.6 | 9.5 | 9.5 | 9.9 | 9.7 | 9.7 | 9.5 | 9.3 | 8.6 | 9.9 | 1.3 |
| 7/24/2009 | 9.6 | 9.5 | 9.5 | 9.7 | 9.5 | 9.5 | 9.2 | 9.0 | 8.8 | 8.8 | 8.9 | 9.3 | 9.7 | 10.0 | 9.9 | 10.0 | 10.0 | 9.8 | 9.7 | 9.9 | 10.1 | 9.9 | 9.9 | 9.6 | 9.6 | 8.8 | 10.1 | 1.3 |
| 7/25/2009 | 9.0 | 9.2 | 9.5 | 9.9 | 9.8 | 10.0 | 9.7 | 9.5 | 9.3 | 9.1 | 9.1 | 9.3 | 9.8 | 10.1 | 10.3 | 10.1 | 10.0 | 10.1 | 9.8 | 9.9 | 10.6 | 10.7 | 10.3 | 9.7 | 9.8 | 9.0 | 10.7 | 1.7 |
| 7/26/2009 | 9.4 | 9.6 | 9.9 | 10.1 | 10.1 | 10.1 | 9.8 | 9.7 | 9.5 | 9.4 | 9.4 | 9.7 | 10.0 | 10.4 | 10.5 | 10.3 | 10.4 | 10.3 | 10.2 | 10.1 | 10.4 | 10.5 | 10.4 | 10.3 | 10.0 | 9.4 | 10.5 | 1.2 |
| 7/27/2009 | 10.0 | 9.8 | 10.1 | 10.2 | 10.3 | 10.2 | 10.0 | 9.7 | 9.7 | 9.6 | 9.7 | 10.0 | 10.1 | 10.5 | 11.1 | 11.3 | 11.3 | 11.2 | 11.1 | 10.4 | 9.9 | 9.7 | 9.8 | 10.1 | 10.3 | 9.6 | 11.3 | 1.7 |
| 7/28/2009 | 10.4 | 10.5 | 10.6 | 10.9 | 11.1 | 11.0 | 10.8 | 10.4 | 9.9 | 9.7 | 9.9 | 10.2 | 10.3 | 10.4 | 10.5 | 11.2 | 11.6 | 11.8 | 11.1 | 10.1 | 9.6 | 10.1 | 11.2 | 11.2 | 10.6 | 9.6 | 11.8 | 2.3 |
| 7/29/2009 | 11.3 | 10.8 | 10.4 | 10.7 | 11.1 | 10.9 | 10.7 | 10.7 | 10.4 | 10.3 | 10.6 | 10.8 | 10.9 | 10.6 | 10.7 | 11.1 | 11.1 | 10.8 | 10.8 | 10.5 | 10.4 | 11.6 | 11.7 | 11.8 | 10.9 | 10.3 | 11.8 | 1.5 |
| 7/30/2009 | 11.5 | 11.2 | 10.8 | 10.6 | 10.4 | 10.4 | 10.5 | 10.6 | 10.8 | 10.8 | 10.9 | 11.0 | 11.3 | 11.4 | 11.5 | 11.4 | 11.2 | 11.3 | 11.1 | 11.3 | 11.0 | 11.0 | 11.0 | 10.8 | 11.0 | 10.4 | 11.5 | 1.1 |
| 7/31/2009 | 11.0 | 10.9 | 11.3 | 11.7 | 11.8 | 11.9 | 11.8 | 11.6 | 11.4 | 11.2 | 10.9 | 11.0 | 11.0 | 11.2 | 11.4 | 11.3 | 11.2 | 11.4 | 11.9 | 12.3 | 11.4 | 10.9 | 10.9 | 11.9 | 11.4 | 10.9 | 12.3 | 1.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 8.9 | Minimum | 8.4 |
| Mean Daily Mean | 9.9 | Mean Minimum | 9.2 |
| Maximum Daily Mean | 11.0 | | |
| | | Maximum | 11.8 |
| Minumum Range | 0.9 | Mean Maximum | 10.6 |
| Maximum Range | 2.3 | | |
| | | Mean Range | 1.4 |
| # of Days <= 20 (ºC) | 12 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Meadow Lake**
**Station MC2**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 12.3 | 12.5 | 12.4 | 12.1 | 11.8 | 11.6 | 11.3 | 11.2 | 11.1 | 11.1 | 11.2 | 11.3 | 11.6 | 12.0 | 12.5 | 12.6 | 12.1 | 11.9 | 11.6 | 11.5 | 11.6 | 12.0 | 11.9 | 11.7 | 11.8 | 11.1 | 12.6 | 1.5 |
| 8/2/2009 | 11.6 | 11.4 | 11.3 | 11.8 | 12.2 | 12.4 | 12.5 | 12.5 | 12.3 | 11.9 | 11.6 | 11.5 | 11.5 | 11.6 | 12.0 | 11.9 | 11.8 | 11.8 | 11.8 | 11.9 | 11.9 | 12.1 | 12.4 | 12.2 | 11.9 | 11.3 | 12.5 | 1.3 |
| 8/3/2009 | 11.8 | 11.6 | 11.6 | 11.7 | 12.0 | 12.2 | 12.5 | 12.5 | 12.6 | 12.3 | 12.1 | 11.7 | 11.4 | 12.0 | 12.5 | 12.5 | 13.2 | 13.3 | 13.2 | 12.8 | 13.0 | 13.2 | 12.4 | 11.9 | 12.3 | 11.4 | 13.3 | 1.9 |
| 8/4/2009 | 11.9 | 11.7 | 11.6 | 11.9 | 12.3 | 12.6 | 12.7 | 12.6 | 12.7 | 12.4 | 12.1 | 12.1 | 11.9 | 12.3 | 12.6 | 13.6 | 13.8 | 13.7 | 13.7 | 13.0 | 12.8 | 13.7 | 13.5 | 13.3 | 12.7 | 11.6 | 13.8 | 2.2 |
| 8/5/2009 | 13.2 | 12.8 | 12.5 | 12.7 | 12.8 | 12.8 | 12.8 | 12.8 | 13.0 | 12.7 | 12.2 | 12.7 | 12.8 | 13.1 | 13.8 | 14.0 | 14.2 | 14.5 | 14.5 | 14.2 | 13.6 | 13.7 | 13.8 | 13.4 | 13.3 | 12.2 | 14.5 | 2.3 |
| 8/6/2009 | 13.3 | 13.0 | 12.7 | 12.9 | 13.6 | 13.7 | 13.5 | 13.3 | 13.9 | 13.8 | 13.5 | 13.1 | 12.8 | 12.8 | 12.8 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.6 | 14.6 | 14.8 | 14.7 | 13.6 | 12.7 | 14.8 | 2.1 |
| 8/7/2009 | 14.9 | 15.1 | 15.2 | 15.0 | 14.9 | 15.0 | 15.0 | 14.9 | 15.0 | 15.1 | 15.1 | 15.0 | 15.0 | 14.7 | 14.6 | 14.6 | 14.7 | 14.7 | 14.9 | 14.9 | 15.2 | 15.3 | 15.5 | 15.5 | 15.0 | 14.6 | 15.5 | 0.9 |
| 8/8/2009 | 15.7 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.7 | 15.5 | 15.5 | 15.5 | 15.5 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.3 | 15.6 | 15.9 | 16.2 | 15.5 | 15.0 | 16.2 | 1.2 |
| 8/9/2009 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.9 | 15.9 | 16.0 | 15.8 | 15.4 | 15.1 | 14.9 | 14.9 | 15.0 | 15.2 | 15.4 | 15.6 | 15.9 | 16.0 | 16.2 | 15.8 | 14.9 | 16.3 | 1.5 |
| 8/10/2009 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.2 | 16.1 | 16.0 | 15.9 | 16.0 | 16.1 | 15.9 | 15.6 | 15.4 | 15.2 | 15.1 | 15.3 | 15.5 | 15.7 | 15.8 | 15.9 | 15.9 | 16.1 | 15.9 | 15.1 | 16.3 | 1.2 |
| 8/11/2009 | 16.1 | 16.2 | 16.2 | 16.1 | 16.1 | 16.1 | 16.0 | 16.1 | 16.0 | 15.9 | 15.9 | 15.8 | 15.7 | 15.5 | 15.6 | 15.5 | 15.6 | 15.6 | 15.8 | 15.8 | 15.9 | 15.9 | 16.1 | 16.2 | 15.9 | 15.5 | 16.2 | 0.8 |
| 8/12/2009 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 16.0 | 16.0 | 15.9 | 15.9 | 15.7 | 15.8 | 15.7 | 15.7 | 15.9 | 16.0 | 16.0 | 15.9 | 16.0 | 16.1 | 16.3 | 16.1 | 15.7 | 16.4 | 0.8 |
| 8/13/2009 | 16.4 | 16.5 | 16.5 | 16.6 | 16.6 | 16.5 | 16.5 | 16.4 | 16.2 | 16.1 | 16.1 | 15.9 | 15.8 | 15.7 | 15.7 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.3 | 16.4 | 16.6 | 16.6 | 16.2 | 15.7 | 16.6 | 0.9 |
| 8/14/2009 | 16.6 | 16.6 | 16.6 | 16.6 | 16.5 | 16.3 | 16.1 | 15.9 | 15.9 | 15.9 | 15.8 | 15.7 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 16.1 | 16.2 | 16.2 | 16.3 | 16.4 | 16.5 | 16.5 | 16.2 | 15.7 | 16.6 | 0.9 |
| 8/15/2009 | 16.5 | 16.4 | 16.4 | 16.4 | 16.4 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.4 | 16.5 | 16.5 | 16.5 | 16.4 | 16.5 | 16.4 | 16.2 | 16.1 | 16.1 | 16.1 | 16.2 | 16.2 | 16.3 | 16.1 | 16.5 | 0.4 |
| 8/16/2009 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 16.3 | 16.4 | 16.5 | 16.4 | 16.4 | 16.4 | 16.3 | 16.2 | 16.1 | 16.1 | 16.2 | 16.2 | 16.2 | 16.3 | 16.1 | 16.5 | 0.4 |
| 8/17/2009 | 16.3 | 16.3 | 16.3 | 16.4 | 16.4 | 16.4 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.6 | 16.5 | 16.4 | 16.1 | 16.1 | 16.1 | 16.1 | 16.2 | 16.2 | 16.3 | 16.1 | 16.7 | 0.6 |
| 8/18/2009 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.6 | 16.7 | 16.6 | 16.6 | 16.5 | 16.2 | 16.1 | 16.1 | 16.2 | 16.2 | 16.2 | 16.3 | 16.4 | 16.1 | 16.7 | 0.5 |
| 8/19/2009 | 16.4 | 16.4 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.6 | 16.7 | 16.7 | 16.7 | 16.5 | 16.3 | 16.2 | 16.2 | 16.2 | 16.3 | 16.3 | 16.3 | 16.4 | 16.4 | 16.2 | 16.7 | 0.5 |
| 8/20/2009 | 16.5 | 16.6 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.6 | 16.6 | 16.5 | 16.5 | 16.6 | 16.6 | 16.4 | 16.5 | 16.4 | 16.5 | 16.5 | 16.5 | 16.5 | 16.6 | 16.6 | 16.6 | 16.7 | 16.6 | 16.4 | 16.7 | 0.3 |
| 8/21/2009 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.9 | 16.8 | 16.8 | 16.8 | 16.7 | 16.8 | 16.8 | 16.9 | 16.6 | 16.6 | 16.6 | 16.5 | 16.6 | 16.6 | 16.7 | 16.7 | 16.7 | 16.8 | 16.8 | 16.8 | 16.5 | 16.9 | 0.4 |
| 8/22/2009 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 16.9 | 16.7 | 16.7 | 16.7 | 16.7 | 16.8 | 16.7 | 16.8 | 16.8 | 16.8 | 16.9 | 16.9 | 16.7 | 17.0 | 0.4 |
| 8/23/2009 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.9 | 17.0 | 16.9 | 16.9 | 16.8 | 16.6 | 16.5 | 16.5 | 16.5 | 16.6 | 16.6 | 16.8 | 16.5 | 17.0 | 0.5 |
| 8/24/2009 | 16.7 | 16.6 | 16.6 | 16.6 | 16.6 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.6 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.5 | 16.7 | 0.2 |
| 8/25/2009 | 16.6 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.6 | 16.7 | | | | | | | | | | | | | | | | |
| 8/26/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/27/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/28/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/29/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/30/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/31/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 11.8 | Minimum | 11.1 |
| Mean Daily Mean | 15.3 | Mean Minimum | 14.8 |
| Maximum Daily Mean | 16.9 | | |
| | | Maximum | 17.0 |
| Minumum Range | 0.2 | Mean Maximum | 15.8 |
| Maximum Range | 2.3 | | |
| | | Mean Range | 1.0 |
| # of Days <= 20 (ºC) | 24 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Meadow Creek below Meadow Lake**
**Station MC2**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/2/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/3/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/4/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/5/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/6/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/7/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/8/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/9/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/10/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/11/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/12/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/13/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/14/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/15/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/16/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/17/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/18/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/19/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/20/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/21/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/22/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/23/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/24/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/25/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/26/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/27/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/28/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/29/2009 | | | | | | | | | | | | | | | 12.5 | 12.5 | 12.5 | 12.4 | 12.4 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 12.2 | 11.8 | 12.5 | 0.7 |
| 9/30/2009 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.4 | 11.5 | 11.7 | 11.8 | 12.0 | 12.1 | 12.3 | 12.4 | 12.3 | 12.1 | 11.9 | 11.7 | 11.6 | 11.5 | 11.7 | 11.2 | 12.4 | 1.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 11.7 | Minimum | 11.2 |
| Mean Daily Mean | 12.0 | Mean Minimum | 11.5 |
| Maximum Daily Mean | 12.2 | | |
| | | Maximum | 12.5 |
| Minumum Range | 0.7 | Mean Maximum | 12.4 |
| Maximum Range | 1.2 | | |
| | | Mean Range | 0.9 |
| # of Days <= 20 (ºC) | 2 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Salt Springs Reservoir**
**Station NFMR1**
**Hourly Temperature Recording (ºC)**
**April 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/23/2009 | | | | | | | | | | | | | 5.3 | 5.9 | 6.3 | 6.7 | 6.9 | 7.1 | 7.2 | 7.1 | 6.9 | 6.7 | 6.4 | 6.1 | 6.5 | 5.3 | 7.2 | 1.9 |
| 4/24/2009 | 5.7 | 5.4 | 5.1 | 4.8 | 4.6 | 4.4 | 4.2 | 4.1 | 4.0 | 4.0 | 3.9 | 3.8 | 3.5 | 3.3 | 3.7 | 4.1 | 4.2 | 4.2 | 4.0 | 3.8 | 3.8 | 3.8 | 3.8 | 3.6 | 4.2 | 3.3 | 5.7 | 2.4 |
| 4/25/2009 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 2.9 | 2.7 | 2.6 | 2.5 | 2.7 | 3.0 | 3.5 | 4.0 | 4.5 | 5.1 | 5.3 | 5.3 | 5.5 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 4.1 | 2.5 | 5.6 | 3.1 |
| 4/26/2009 | 5.4 | 5.3 | 5.1 | 4.9 | 4.8 | 4.6 | 4.4 | 4.2 | 4.1 | 4.1 | 4.4 | 4.8 | 5.2 | 5.8 | 6.3 | 6.7 | 6.9 | 7.0 | 7.0 | 6.9 | 6.7 | 6.7 | 6.6 | 6.6 | 5.6 | 4.1 | 7.0 | 2.9 |
| 4/27/2009 | 6.5 | 6.4 | 6.3 | 6.0 | 5.8 | 5.5 | 5.2 | 5.0 | 4.8 | 4.9 | 5.1 | 5.5 | 5.9 | 6.3 | 6.6 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.7 | 6.5 | 6.3 | 6.1 | 4.8 | 6.8 | 2.0 |
| 4/28/2009 | 6.0 | 5.8 | 5.5 | 5.2 | 4.9 | 4.7 | 4.5 | 4.3 | 4.1 | 4.1 | 4.2 | 4.5 | 5.0 | 5.5 | 5.9 | 6.3 | 6.5 | 6.7 | 6.6 | 6.4 | 6.1 | 6.0 | 5.9 | 5.7 | 5.4 | 4.1 | 6.7 | 2.5 |
| 4/29/2009 | 5.6 | 5.3 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.5 | 3.4 | 3.4 | 3.7 | 4.1 | 4.6 | 5.2 | 5.6 | 6.0 | 6.1 | 6.2 | 6.2 | 6.2 | 6.1 | 6.0 | 6.0 | 5.9 | 5.1 | 3.4 | 6.2 | 2.8 |
| 4/30/2009 | 5.8 | 5.6 | 5.4 | 5.1 | 4.8 | 4.5 | 4.3 | 4.0 | 3.9 | 3.9 | 4.2 | 4.5 | 4.9 | 5.3 | 5.7 | 6.0 | 6.2 | 6.3 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.7 | 5.4 | 3.9 | 6.7 | 2.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 4.1 | Minimum | 2.5 |
| Mean Daily Mean | 5.3 | Mean Minimum | 3.9 |
| Maximum Daily Mean | 6.5 | | |
| | | Maximum | 7.2 |
| Minumum Range | 1.9 | Mean Maximum | 6.5 |
| Maximum Range | 3.1 | | |
| | | Mean Range | 2.6 |
| # of Days <= 20 (ºC) | 8 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Salt Springs Reservoir**
**Station NFMR1**
**Hourly Temperature Recording (ºC)**
**May 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 6.7 | 6.6 | 6.5 | 6.3 | 6.1 | 5.9 | 5.7 | 5.5 | 5.4 | 5.5 | 5.6 | 5.7 | 5.9 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.8 | 5.7 | 5.5 | 5.2 | 4.9 | 4.6 | 5.8 | 4.6 | 6.7 | 2.1 |
| 5/2/2009 | 4.3 | 4.2 | 4.1 | 4.0 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.7 | 4.8 | 5.0 | 5.1 | 5.2 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.3 | 4.6 | 4.0 | 5.4 | 1.4 |
| 5/3/2009 | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.9 | 5.1 | 5.2 | 5.2 | 5.5 | 5.6 | 5.5 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 4.9 | 4.7 | 4.6 | 5.1 | 4.6 | 5.6 | 1.0 |
| 5/4/2009 | 4.4 | 4.3 | 4.1 | 4.1 | 4.0 | 4.0 | 3.9 | 4.0 | 4.1 | 4.3 | 4.6 | 5.0 | 5.3 | 5.6 | 5.8 | 6.2 | 6.6 | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.4 | 6.2 | 5.2 | 3.9 | 6.8 | 2.9 |
| 5/5/2009 | 6.1 | 5.9 | 5.7 | 5.5 | 5.4 | 5.2 | 5.2 | 5.1 | 5.1 | 5.3 | 5.5 | 5.8 | 6.1 | 6.4 | 6.7 | 7.1 | 7.2 | 7.3 | 7.3 | 7.0 | 6.8 | 6.5 | 6.1 | 5.8 | 6.1 | 5.1 | 7.3 | 2.2 |
| 5/6/2009 | 5.6 | 5.3 | 5.1 | 4.9 | 4.8 | 4.6 | 4.6 | 4.5 | 4.5 | 4.7 | 5.1 | 5.6 | 6.2 | 6.8 | 7.4 | 8.0 | 8.4 | 8.5 | 8.6 | 8.6 | 8.3 | 7.8 | 7.1 | 6.4 | 6.3 | 4.5 | 8.6 | 4.1 |
| 5/7/2009 | 5.8 | 5.3 | 5.0 | 4.7 | 4.5 | 4.4 | 4.3 | 4.2 | 4.2 | 4.3 | 4.6 | 5.0 | 5.5 | 6.1 | 6.7 | 7.3 | 7.8 | 8.1 | 8.2 | 8.1 | 8.0 | 7.9 | 7.5 | 7.0 | 6.0 | 4.2 | 8.2 | 4.0 |
| 5/8/2009 | 6.4 | 5.8 | 5.4 | 5.0 | 4.7 | 4.5 | 4.3 | 4.1 | 4.1 | 4.3 | 4.6 | 5.1 | 5.6 | 6.2 | 6.9 | 7.5 | 7.9 | 8.2 | 8.3 | 8.2 | 8.2 | 8.0 | 7.7 | 7.2 | 6.2 | 4.1 | 8.3 | 4.2 |
| 5/9/2009 | 6.6 | 6.1 | 5.6 | 5.2 | 4.9 | 4.7 | 4.5 | 4.4 | 4.4 | 4.6 | 4.9 | 5.4 | 5.9 | 6.5 | 7.2 | 7.8 | 8.2 | 8.4 | 8.5 | 8.5 | 8.4 | 8.1 | 7.7 | 7.1 | 6.4 | 4.4 | 8.5 | 4.1 |
| 5/10/2009 | 6.5 | 5.9 | 5.4 | 5.0 | 4.7 | 4.5 | 4.4 | 4.3 | 4.3 | 4.5 | 4.9 | 5.3 | 5.9 | 6.6 | 7.3 | 7.9 | 8.3 | 8.6 | 8.7 | 8.7 | 8.5 | 8.3 | 7.8 | 7.1 | 6.4 | 4.3 | 8.7 | 4.4 |
| 5/11/2009 | 6.5 | 5.9 | 5.4 | 5.0 | 4.7 | 4.5 | 4.3 | 4.2 | 4.2 | 4.4 | 4.7 | 5.2 | 5.8 | 6.4 | 7.1 | 7.7 | 8.3 | 8.6 | 8.7 | 8.7 | 8.6 | 8.3 | 7.8 | 7.1 | 6.3 | 4.2 | 8.7 | 4.5 |
| 5/12/2009 | 6.4 | 5.8 | 5.3 | 4.9 | 4.6 | 4.4 | 4.3 | 4.1 | 4.2 | 4.3 | 4.6 | 5.1 | 5.6 | 6.2 | 6.8 | 7.3 | 7.7 | 7.9 | 7.9 | 7.8 | 7.8 | 7.7 | 7.3 | 6.8 | 6.0 | 4.1 | 7.9 | 3.8 |
| 5/13/2009 | 6.2 | 5.7 | 5.2 | 4.8 | 4.5 | 4.3 | 4.1 | 4.0 | 4.0 | 4.2 | 4.5 | 5.0 | 5.5 | 6.1 | 6.6 | 7.2 | 7.6 | 7.9 | 8.1 | 8.0 | 8.0 | 8.0 | 7.8 | 7.3 | 6.0 | 4.0 | 8.1 | 4.1 |
| 5/14/2009 | 6.8 | 6.3 | 5.9 | 5.5 | 5.1 | 4.9 | 4.7 | 4.5 | 4.5 | 4.7 | 5.0 | 5.5 | 6.1 | 6.8 | 7.5 | 8.1 | 8.6 | 9.0 | 9.1 | 9.1 | 9.1 | 8.9 | 8.5 | 7.9 | 6.8 | 4.5 | 9.1 | 4.6 |
| 5/15/2009 | 7.3 | 6.7 | 6.1 | 5.8 | 5.6 | 5.5 | 5.4 | 5.4 | 5.5 | 5.7 | 6.0 | 6.5 | 7.0 | 7.7 | 8.4 | 9.2 | 9.7 | 10.0 | 10.1 | 10.1 | 9.7 | 9.2 | 8.6 | 7.7 | 7.4 | 5.4 | 10.1 | 4.7 |
| 5/16/2009 | 6.9 | 6.3 | 5.8 | 5.6 | 5.4 | 5.3 | 5.2 | 5.1 | 5.2 | 5.4 | 5.8 | 6.2 | 6.8 | 7.6 | 8.4 | 9.0 | 9.5 | 9.8 | 9.9 | 9.9 | 9.6 | 9.1 | 8.3 | 7.5 | 7.2 | 5.1 | 9.9 | 4.8 |
| 5/17/2009 | 6.8 | 6.3 | 5.9 | 5.7 | 5.5 | 5.4 | 5.4 | 5.3 | 5.4 | 5.6 | 6.0 | 6.4 | 7.0 | 7.8 | 8.5 | 9.2 | 9.7 | 10.0 | 10.2 | 10.0 | 9.6 | 8.9 | 8.1 | 7.3 | 7.3 | 5.3 | 10.2 | 4.8 |
| 5/18/2009 | 6.7 | 6.3 | 5.9 | 5.7 | 5.5 | 5.4 | 5.3 | 5.3 | 5.4 | 5.6 | 5.9 | 6.4 | 7.0 | 7.7 | 8.4 | 8.8 | 9.1 | 9.2 | 9.4 | 9.5 | 9.2 | 8.6 | 8.0 | 7.4 | 7.2 | 5.3 | 9.5 | 4.2 |
| 5/19/2009 | 6.8 | 6.5 | 6.2 | 6.0 | 5.9 | 5.8 | 5.7 | 5.7 | 5.7 | 5.9 | 6.2 | 6.7 | 7.1 | 7.7 | 8.4 | 9.1 | 9.6 | 10.0 | 9.9 | 9.8 | 9.3 | 8.7 | 8.0 | 7.3 | 7.4 | 5.7 | 10.0 | 4.3 |
| 5/20/2009 | 6.7 | 6.3 | 5.9 | 5.7 | 5.5 | 5.4 | 5.3 | 5.3 | 5.4 | 5.6 | 6.0 | 6.5 | 7.1 | 7.7 | 8.4 | 9.0 | 9.4 | 9.7 | 9.8 | 9.7 | 9.6 | 9.2 | 8.6 | 7.9 | 7.3 | 5.3 | 9.8 | 4.5 |
| 5/21/2009 | 7.3 | 6.8 | 6.3 | 6.0 | 5.7 | 5.4 | 5.2 | 5.1 | 5.1 | 5.2 | 5.5 | 6.0 | 6.6 | 7.2 | 7.9 | 8.6 | 9.1 | 9.5 | 9.7 | 9.9 | 10.0 | 10.1 | 9.8 | 9.2 | 7.4 | 5.1 | 10.1 | 5.0 |
| 5/22/2009 | 8.6 | 7.9 | 7.4 | 6.9 | 6.5 | 6.3 | 6.1 | 6.0 | 6.0 | 6.1 | 6.4 | 6.9 | 7.5 | 8.2 | 8.9 | 9.5 | 10.0 | 10.3 | 10.5 | 10.6 | 10.7 | 10.6 | 10.1 | 9.4 | 8.2 | 6.0 | 10.7 | 4.7 |
| 5/23/2009 | 8.7 | 8.1 | 7.6 | 7.1 | 6.7 | 6.4 | 6.2 | 6.1 | 6.1 | 6.2 | 6.5 | 7.0 | 7.6 | 8.2 | 8.8 | 9.4 | 9.8 | 10.2 | 10.3 | 10.4 | 10.5 | 10.3 | 9.9 | 9.2 | 8.2 | 6.1 | 10.5 | 4.4 |
| 5/24/2009 | 8.6 | 7.9 | 7.4 | 6.9 | 6.5 | 6.2 | 5.9 | 5.7 | 5.7 | 5.8 | 6.1 | 6.5 | 7.0 | 7.6 | 8.2 | 8.8 | 9.3 | 9.7 | 9.8 | 9.9 | 9.9 | 10.0 | 9.9 | 9.5 | 7.9 | 5.7 | 10.0 | 4.3 |
| 5/25/2009 | 9.0 | 8.4 | 7.7 | 7.1 | 6.6 | 6.2 | 5.8 | 5.5 | 5.5 | 5.6 | 5.9 | 6.4 | 7.0 | 7.6 | 8.3 | 9.0 | 9.5 | 9.9 | 10.1 | 10.1 | 10.2 | 10.4 | 10.4 | 10.2 | 8.0 | 5.5 | 10.4 | 4.9 |
| 5/26/2009 | 9.7 | 9.2 | 8.6 | 8.1 | 7.6 | 7.2 | 6.9 | 6.6 | 6.5 | 6.7 | 6.9 | 7.3 | 7.8 | 8.4 | 9.0 | 9.3 | 9.6 | 9.7 | 9.9 | 10.2 | 10.3 | 10.5 | 10.5 | 10.3 | 8.6 | 6.5 | 10.5 | 4.0 |
| 5/27/2009 | 9.9 | 9.4 | 8.9 | 8.4 | 7.8 | 7.4 | 7.1 | 6.9 | 6.8 | 7.0 | 7.3 | 7.6 | 7.7 | 7.9 | 8.1 | 8.3 | 8.8 | 9.1 | 9.5 | 9.8 | 9.9 | 9.9 | 9.8 | 9.6 | 8.5 | 6.8 | 9.9 | 3.1 |
| 5/28/2009 | 9.2 | 8.9 | 8.4 | 8.1 | 7.7 | 7.4 | 7.2 | 7.0 | 7.0 | 7.1 | 7.4 | 7.9 | 8.4 | 8.7 | 8.8 | 8.8 | 9.0 | 9.2 | 9.4 | 9.5 | 9.3 | 9.3 | 9.2 | 9.0 | 8.4 | 7.0 | 9.5 | 2.5 |
| 5/29/2009 | 8.7 | 8.4 | 8.1 | 7.8 | 7.6 | 7.4 | 7.2 | 7.0 | 7.0 | 7.1 | 7.4 | 7.8 | 8.2 | 8.3 | 8.3 | 8.4 | 8.6 | 9.1 | 9.4 | 9.7 | 9.7 | 9.7 | 9.6 | 9.4 | 8.3 | 7.0 | 9.7 | 2.7 |
| 5/30/2009 | 9.2 | 8.9 | 8.7 | 8.4 | 8.2 | 8.0 | 7.8 | 7.6 | 7.6 | 7.7 | 8.0 | 8.4 | 9.0 | 9.1 | 8.9 | 8.8 | 9.0 | 9.3 | 9.5 | 9.5 | 9.7 | 9.7 | 9.6 | 9.4 | 8.8 | 7.6 | 9.7 | 2.1 |
| 5/31/2009 | 9.3 | 9.0 | 8.8 | 8.7 | 8.4 | 8.2 | 8.0 | 7.9 | 7.9 | 8.0 | 8.3 | 8.8 | 9.3 | 9.8 | 10.4 | 10.8 | 10.9 | 10.8 | 10.7 | 10.4 | 10.2 | 10.2 | 10.2 | 10.2 | 9.4 | 7.9 | 10.9 | 3.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 4.6 | Minimum | 3.9 |
| Mean Daily Mean | 7.1 | Mean Minimum | 5.3 |
| Maximum Daily Mean | 9.4 | | |
| | | Maximum | 10.9 |
| Minumum Range | 1.0 | Mean Maximum | 9.0 |
| Maximum Range | 5.0 | | |
| | | Mean Range | 3.7 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Salt Springs Reservoir**
**Station NFMR1**
**Hourly Temperature Recording (ºC)**
**June 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 10.0 | 9.7 | 9.3 | 9.0 | 8.6 | 8.3 | 8.0 | 7.7 | 7.6 | 7.6 | 7.6 | 7.7 | 8.1 | 8.4 | 8.8 | 9.0 | 9.3 | 9.6 | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 | 10.3 | 9.0 | 7.6 | 10.3 | 2.7 |
| 6/2/2009 | 10.3 | 10.1 | 9.9 | 9.6 | 9.3 | 8.9 | 8.6 | 8.4 | 8.3 | 8.3 | 8.4 | 8.6 | 8.7 | 8.9 | 9.1 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 8.3 | 10.3 | 2.0 |
| 6/3/2009 | 9.1 | 8.9 | 8.7 | 8.5 | 8.4 | 8.2 | 8.0 | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.5 | 8.6 | 8.8 | 8.9 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.5 | 7.8 | 9.1 | 1.3 |
| 6/4/2009 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.4 | 8.2 | 8.1 | 8.0 | 8.0 | 8.1 | 8.2 | 8.6 | 8.8 | 8.7 | 8.7 | 8.8 | 8.9 | 9.0 | 9.3 | 9.6 | 9.7 | 9.8 | 9.8 | 8.8 | 8.0 | 9.8 | 1.8 |
| 6/5/2009 | 9.8 | 9.8 | 9.6 | 9.4 | 9.2 | 8.9 | 8.6 | 8.4 | 8.1 | 7.9 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.0 | 8.0 | 7.0 | 9.8 | 2.8 |
| 6/6/2009 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.7 | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.0 | 7.1 | 7.1 | 6.8 | 6.5 | 7.1 | 0.6 |
| 6/7/2009 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.0 | 6.9 | 6.9 | 6.9 | 7.2 | 7.6 | 8.1 | 8.7 | 9.3 | 9.9 | 10.1 | 10.4 | 10.4 | 10.1 | 9.6 | 9.3 | 9.3 | 9.3 | 9.3 | 8.4 | 6.9 | 10.4 | 3.5 |
| 6/8/2009 | 9.4 | 9.4 | 9.4 | 9.3 | 9.2 | 9.0 | 8.9 | 8.7 | 8.7 | 8.8 | 9.0 | 9.4 | 9.8 | 10.1 | 10.0 | 10.3 | 10.6 | 11.1 | 11.3 | 11.2 | 11.0 | 10.7 | 10.6 | 10.7 | 9.9 | 8.7 | 11.3 | 2.6 |
| 6/9/2009 | 10.8 | 10.8 | 10.7 | 10.5 | 10.3 | 10.2 | 9.9 | 9.7 | 9.5 | 9.5 | 9.6 | 9.8 | 10.1 | 10.3 | 10.7 | 11.0 | 11.1 | 11.3 | 11.4 | 11.2 | 11.0 | 10.6 | 10.4 | 10.3 | 10.4 | 9.5 | 11.4 | 1.9 |
| 6/10/2009 | 10.3 | 10.3 | 10.1 | 10.0 | 9.8 | 9.6 | 9.4 | 9.2 | 9.1 | 9.1 | 9.2 | 9.3 | 9.3 | 9.4 | 9.6 | 9.8 | 10.1 | 10.2 | 10.4 | 10.3 | 10.0 | 9.6 | 9.4 | 9.2 | 9.7 | 9.1 | 10.4 | 1.3 |
| 6/11/2009 | 9.2 | 9.2 | 9.1 | 9.0 | 8.8 | 8.7 | 8.4 | 8.3 | 8.2 | 8.3 | 8.6 | 8.8 | 9.0 | 9.3 | 9.4 | 9.2 | 9.2 | 9.4 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.0 | 8.2 | 9.5 | 1.3 |
| 6/12/2009 | 9.3 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.8 | 8.9 | 9.3 | 9.6 | 9.9 | 9.9 | 10.2 | 10.3 | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 9.6 | 8.7 | 10.3 | 1.6 |
| 6/13/2009 | 10.1 | 10.1 | 10.1 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 10.0 | 10.1 | 10.1 | 10.3 | 10.4 | 10.3 | 10.3 | 10.1 | 10.1 | 10.1 | 10.1 | 10.0 | 9.9 | 9.8 | 9.6 | 10.0 | 9.6 | 10.4 | 0.8 |
| 6/14/2009 | 9.4 | 9.3 | 9.1 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.5 | 8.6 | 8.9 | 9.1 | 9.4 | 9.8 | 9.8 | 9.8 | 10.0 | 10.4 | 10.6 | 10.5 | 10.5 | 10.2 | 9.9 | 9.6 | 9.5 | 8.5 | 10.6 | 2.1 |
| 6/15/2009 | 9.4 | 9.4 | 9.4 | 9.5 | 9.5 | 9.4 | 9.4 | 9.3 | 9.4 | 9.6 | 9.7 | 10.0 | 10.3 | 10.6 | 11.1 | 11.3 | 11.3 | 11.3 | 11.3 | 11.2 | 11.0 | 10.9 | 10.9 | 10.9 | 10.3 | 9.3 | 11.3 | 2.0 |
| 6/16/2009 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.6 | 10.4 | 10.4 | 10.5 | 10.7 | 11.1 | 11.6 | 11.8 | 11.8 | 11.8 | 11.7 | 11.7 | 11.9 | 12.0 | 11.9 | 11.7 | 11.6 | 11.6 | 11.6 | 11.3 | 10.4 | 12.0 | 1.6 |
| 6/17/2009 | 11.6 | 11.6 | 11.4 | 11.2 | 11.0 | 10.9 | 10.8 | 10.7 | 10.7 | 10.8 | 11.1 | 11.5 | 12.0 | 12.5 | 12.8 | 13.2 | 13.1 | 13.2 | 12.9 | 12.7 | 12.3 | 12.0 | 11.8 | 11.8 | 11.8 | 10.7 | 13.2 | 2.5 |
| 6/18/2009 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.3 | 11.5 | 11.8 | 12.2 | 12.6 | 13.1 | 13.6 | 13.9 | 14.1 | 14.2 | 14.0 | 13.8 | 13.5 | 13.3 | 13.1 | 13.1 | 12.5 | 11.2 | 14.2 | 3.0 |
| 6/19/2009 | 13.1 | 13.1 | 13.0 | 12.9 | 12.7 | 12.5 | 12.3 | 12.1 | 12.1 | 12.2 | 12.4 | 12.8 | 13.1 | 13.4 | 13.6 | 13.6 | 13.5 | 13.3 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 12.1 | 13.6 | 1.5 |
| 6/20/2009 | 13.0 | 12.9 | 12.8 | 12.6 | 12.5 | 12.2 | 12.1 | 11.8 | 11.8 | 11.8 | 12.1 | 12.4 | 12.6 | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 12.6 | 12.3 | 12.0 | 11.8 | 11.6 | 11.5 | 12.4 | 11.5 | 13.0 | 1.5 |
| 6/21/2009 | 11.4 | 11.2 | 11.1 | 11.0 | 10.9 | 10.7 | 10.6 | 10.4 | 10.5 | 10.7 | 11.1 | 11.6 | 12.1 | 12.6 | 13.0 | 13.2 | 13.3 | 13.2 | 13.0 | 12.7 | 12.4 | 12.0 | 11.7 | 11.5 | 11.7 | 10.4 | 13.3 | 2.9 |
| 6/22/2009 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.5 | 10.6 | 11.0 | 11.5 | 12.1 | 12.8 | 13.5 | 14.0 | 14.4 | 14.6 | 14.6 | 14.2 | 13.8 | 13.4 | 12.9 | 12.5 | 12.3 | 12.3 | 10.5 | 14.6 | 4.0 |
| 6/23/2009 | 12.1 | 11.9 | 11.7 | 11.6 | 11.4 | 11.3 | 11.2 | 11.1 | 11.3 | 11.8 | 12.4 | 13.1 | 13.7 | 13.8 | 14.0 | 14.4 | 14.6 | 14.8 | 14.7 | 14.5 | 14.1 | 13.7 | 13.4 | 13.2 | 12.9 | 11.1 | 14.8 | 3.7 |
| 6/24/2009 | 13.0 | 13.0 | 12.9 | 12.8 | 12.8 | 12.7 | 12.7 | 12.6 | 12.7 | 12.9 | 13.3 | 13.9 | 14.5 | 15.0 | 15.5 | 15.8 | 16.0 | 16.0 | 15.9 | 15.6 | 15.2 | 14.8 | 14.5 | 14.3 | 14.1 | 12.6 | 16.0 | 3.4 |
| 6/25/2009 | 14.1 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.3 | 13.5 | 13.8 | 14.4 | 14.8 | 15.2 | 15.5 | 15.7 | 15.8 | 15.8 | 15.6 | 15.3 | 14.9 | 14.6 | 14.3 | 14.1 | 14.4 | 13.3 | 15.8 | 2.5 |
| 6/26/2009 | 14.0 | 13.9 | 13.7 | 13.6 | 13.5 | 13.3 | 13.1 | 12.9 | 12.9 | 13.1 | 13.4 | 13.9 | 14.4 | 14.8 | 15.2 | 15.5 | 15.6 | 15.6 | 15.5 | 15.2 | 14.7 | 14.3 | 14.0 | 13.8 | 14.2 | 12.9 | 15.6 | 2.7 |
| 6/27/2009 | 13.6 | 13.6 | 13.5 | 13.4 | 13.4 | 13.3 | 13.3 | 13.3 | 13.4 | 13.6 | 14.1 | 14.7 | 15.2 | 15.8 | 16.2 | 16.4 | 16.6 | 16.7 | 16.6 | 16.3 | 15.9 | 15.5 | 15.1 | 14.9 | 14.8 | 13.3 | 16.7 | 3.4 |
| 6/28/2009 | 14.7 | 14.6 | 14.5 | 14.4 | 14.4 | 14.3 | 14.2 | 14.1 | 14.2 | 14.4 | 14.8 | 15.4 | 15.9 | 16.4 | 16.6 | 16.8 | 17.0 | 17.1 | 17.0 | 16.7 | 16.4 | 16.0 | 15.7 | 15.4 | 15.5 | 14.1 | 17.1 | 3.0 |
| 6/29/2009 | 15.1 | 14.9 | 14.8 | 14.6 | 14.5 | 14.3 | 14.2 | 14.1 | 14.2 | 14.5 | 14.9 | 15.4 | 16.0 | 16.4 | 16.8 | 17.1 | 17.3 | 17.3 | 17.1 | 16.8 | 16.4 | 16.0 | 15.6 | 15.3 | 15.6 | 14.1 | 17.3 | 3.2 |
| 6/30/2009 | 15.1 | 14.9 | 14.8 | 14.7 | 14.5 | 14.4 | 14.3 | 14.3 | 14.3 | 14.5 | 14.7 | 14.9 | 15.0 | 14.9 | 14.8 | 15.1 | 15.4 | 15.4 | 15.4 | 15.2 | 14.9 | 14.7 | 14.4 | 14.1 | 14.8 | 14.1 | 15.4 | 1.3 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.8 | Minimum | 6.5 |
| Mean Daily Mean | 11.3 | Mean Minimum | 10.2 |
| Maximum Daily Mean | 15.6 | | |
| | | Maximum | 17.3 |
| Minumum Range | 0.6 | Mean Maximum | 12.5 |
| Maximum Range | 4.0 | | |
| | | Mean Range | 2.3 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Salt Springs Reservoir**
**Station NFMR1**
**Hourly Temperature Recording (ºC)**
**July 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 13.9 | 13.7 | 13.6 | 13.4 | 13.2 | 13.1 | 13.0 | 13.0 | 13.1 | 13.4 | 13.8 | 14.4 | 14.9 | 15.4 | 15.8 | 15.9 | 16.1 | 16.3 | 16.3 | 16.1 | 15.8 | 15.5 | 15.1 | 14.8 | 14.6 | 13.0 | 16.3 | 3.3 |
| 7/2/2009 | 14.5 | 14.3 | 14.1 | 14.0 | 13.8 | 13.7 | 13.6 | 13.6 | 13.8 | 14.0 | 14.3 | 14.7 | 15.2 | 15.8 | 16.4 | 16.8 | 17.0 | 17.1 | 17.0 | 16.7 | 16.4 | 16.0 | 15.6 | 15.3 | 15.2 | 13.6 | 17.1 | 3.5 |
| 7/3/2009 | 15.0 | 14.8 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 14.0 | 14.3 | 14.7 | 15.3 | 15.9 | 16.4 | 16.9 | 17.1 | 17.3 | 17.3 | 17.2 | 16.9 | 16.5 | 16.1 | 15.6 | 15.2 | 15.5 | 13.9 | 17.3 | 3.4 |
| 7/4/2009 | 14.9 | 14.6 | 14.3 | 14.1 | 14.0 | 13.8 | 13.7 | 13.6 | 13.8 | 14.1 | 14.5 | 15.1 | 15.7 | 16.2 | 16.7 | 17.1 | 17.3 | 17.4 | 17.3 | 17.1 | 16.7 | 16.3 | 16.0 | 15.6 | 15.4 | 13.6 | 17.4 | 3.8 |
| 7/5/2009 | 15.2 | 14.9 | 14.7 | 14.5 | 14.3 | 14.1 | 14.0 | 13.9 | 14.0 | 14.3 | 14.8 | 15.3 | 16.0 | 16.6 | 17.1 | 17.5 | 17.7 | 17.7 | 17.6 | 17.3 | 16.9 | 16.5 | 16.1 | 15.6 | 15.7 | 13.9 | 17.7 | 3.8 |
| 7/6/2009 | 15.2 | 14.9 | 14.7 | 14.4 | 14.2 | 14.0 | 13.9 | 13.7 | 13.8 | 14.1 | 14.5 | 15.1 | 15.7 | 16.3 | 16.8 | 17.0 | 17.2 | 17.2 | 17.1 | 16.8 | 16.4 | 16.0 | 15.6 | 15.1 | 15.4 | 13.7 | 17.2 | 3.4 |
| 7/7/2009 | 14.8 | 14.4 | 14.1 | 13.8 | 13.6 | 13.4 | 13.2 | 13.1 | 13.1 | 13.4 | 13.8 | 14.4 | 15.1 | 15.7 | 16.2 | 16.5 | 16.7 | 16.7 | 16.6 | 16.3 | 16.0 | 15.6 | 15.2 | 14.8 | 14.9 | 13.1 | 16.7 | 3.6 |
| 7/8/2009 | 14.4 | 14.1 | 13.7 | 13.5 | 13.2 | 13.0 | 12.7 | 12.6 | 12.7 | 13.0 | 13.4 | 14.0 | 14.7 | 15.4 | 16.0 | 16.3 | 16.5 | 16.5 | 16.4 | 16.2 | 15.9 | 15.5 | 15.2 | 14.8 | 14.6 | 12.6 | 16.5 | 3.9 |
| 7/9/2009 | 14.5 | 14.1 | 13.8 | 13.6 | 13.3 | 13.1 | 12.9 | 12.8 | 12.9 | 13.1 | 13.5 | 14.1 | 14.8 | 15.5 | 16.1 | 16.5 | 16.7 | 16.8 | 16.7 | 16.4 | 16.1 | 15.7 | 15.4 | 15.0 | 14.7 | 12.8 | 16.8 | 4.0 |
| 7/10/2009 | 14.7 | 14.4 | 14.1 | 13.8 | 13.6 | 13.3 | 13.1 | 13.0 | 13.0 | 13.3 | 13.8 | 14.4 | 15.0 | 15.7 | 16.3 | 16.7 | 17.0 | 17.0 | 16.9 | 16.7 | 16.4 | 16.0 | 15.7 | 15.4 | 15.0 | 13.0 | 17.0 | 4.0 |
| 7/11/2009 | 15.0 | 14.7 | 14.5 | 14.3 | 14.0 | 13.9 | 13.7 | 13.6 | 13.7 | 14.0 | 14.5 | 15.1 | 15.7 | 16.4 | 17.0 | 17.2 | 17.1 | 17.0 | 16.8 | 16.6 | 16.5 | 16.2 | 16.0 | 15.7 | 15.4 | 13.6 | 17.2 | 3.6 |
| 7/12/2009 | 15.5 | 15.2 | 15.0 | 14.8 | 14.6 | 14.4 | 14.3 | 14.2 | 14.2 | 14.5 | 15.0 | 15.6 | 16.2 | 16.7 | 17.0 | 17.2 | 17.3 | 17.4 | 17.3 | 17.1 | 16.8 | 16.5 | 16.1 | 15.8 | 15.8 | 14.2 | 17.4 | 3.2 |
| 7/13/2009 | 15.5 | 15.3 | 15.0 | 14.7 | 14.5 | 14.3 | 14.2 | 14.1 | 14.1 | 14.5 | 14.9 | 15.6 | 16.3 | 17.0 | 17.8 | 18.2 | 18.4 | 18.5 | 18.5 | 18.2 | 17.9 | 17.5 | 17.2 | 16.8 | 16.2 | 14.1 | 18.5 | 4.4 |
| 7/14/2009 | 16.5 | 16.1 | 15.7 | 15.4 | 15.1 | 14.8 | 14.7 | 14.5 | 14.6 | 14.9 | 15.4 | 16.0 | 16.6 | 17.5 | 18.2 | 18.6 | 18.9 | 19.1 | 19.1 | 18.9 | 18.6 | 18.3 | 17.9 | 17.6 | 16.8 | 14.5 | 19.1 | 4.6 |
| 7/15/2009 | 17.3 | 16.9 | 16.6 | 16.3 | 16.0 | 15.7 | 15.5 | 15.3 | 15.4 | 15.7 | 16.1 | 16.8 | 17.4 | 18.2 | 18.9 | 19.3 | 19.6 | 19.7 | 19.7 | 19.4 | 19.1 | 18.8 | 18.5 | 18.1 | 17.5 | 15.3 | 19.7 | 4.4 |
| 7/16/2009 | 17.8 | 17.5 | 17.2 | 16.8 | 16.5 | 16.2 | 16.0 | 15.7 | 15.7 | 16.0 | 16.5 | 17.2 | 17.8 | 18.5 | 19.2 | 19.6 | 19.9 | 20.1 | 20.0 | 19.8 | 19.5 | 19.2 | 18.8 | 18.5 | 17.9 | 15.7 | 20.1 | 4.3 |
| 7/17/2009 | 18.2 | 17.8 | 17.5 | 17.1 | 16.8 | 16.5 | 16.3 | 16.1 | 16.1 | 16.4 | 16.9 | 17.5 | 18.0 | 18.8 | 19.5 | 19.9 | 20.2 | 20.4 | 20.4 | 20.2 | 19.9 | 19.6 | 19.3 | 19.0 | 18.3 | 16.1 | 20.4 | 4.3 |
| 7/18/2009 | 18.8 | 18.5 | 18.2 | 17.9 | 17.6 | 17.3 | 17.1 | 16.9 | 16.8 | 17.1 | 17.6 | 18.2 | 18.7 | 19.4 | 20.1 | 20.4 | 20.7 | 20.9 | 20.8 | 20.7 | 20.4 | 20.1 | 19.9 | 19.6 | 18.9 | 16.8 | 20.9 | 4.0 |
| 7/19/2009 | 19.4 | 19.1 | 18.8 | 18.4 | 18.1 | 17.8 | 17.5 | 17.3 | 17.3 | 17.5 | 18.0 | 18.7 | 19.2 | 19.8 | 20.4 | 20.8 | 21.0 | 21.1 | 21.1 | 21.0 | 20.7 | 20.4 | 20.2 | 19.9 | 19.3 | 17.3 | 21.1 | 3.8 |
| 7/20/2009 | 19.7 | 19.4 | 19.2 | 18.9 | 18.6 | 18.3 | 18.0 | 17.8 | 17.7 | 18.2 | 18.4 | 18.9 | 19.4 | 20.0 | 20.6 | 21.0 | 21.3 | 21.4 | 21.3 | 21.1 | 20.8 | 20.5 | 20.2 | 19.9 | 19.6 | 17.7 | 21.4 | 3.7 |
| 7/21/2009 | 19.6 | 19.3 | 19.0 | 18.6 | 18.3 | 17.9 | 17.6 | 17.4 | 17.3 | 17.5 | 18.0 | 18.5 | 19.1 | 19.7 | 20.3 | 20.7 | 21.0 | 21.1 | 21.0 | 20.8 | 20.5 | 20.2 | 19.9 | 19.6 | 19.3 | 17.3 | 21.1 | 3.8 |
| 7/22/2009 | 19.4 | 19.1 | 18.8 | 18.4 | 18.1 | 17.8 | 17.4 | 17.2 | 17.1 | 17.3 | 17.7 | 18.1 | 18.7 | 19.3 | 19.8 | 20.3 | 20.6 | 20.7 | 20.6 | 20.5 | 20.3 | 20.0 | 19.7 | 19.5 | 19.0 | 17.1 | 20.7 | 3.6 |
| 7/23/2009 | 19.4 | 19.2 | 19.0 | 18.8 | 18.6 | 18.4 | 18.1 | 17.9 | 17.9 | 18.1 | 18.5 | 18.9 | 19.4 | 19.9 | 20.4 | 20.8 | 21.1 | 21.2 | 21.1 | 20.9 | 20.6 | 20.4 | 20.1 | 19.9 | 19.5 | 17.9 | 21.2 | 3.3 |
| 7/24/2009 | 19.7 | 19.5 | 19.2 | 19.0 | 18.7 | 18.4 | 18.2 | 17.9 | 17.9 | 18.1 | 18.5 | 19.0 | 19.5 | 20.1 | 20.6 | 21.0 | 21.3 | 21.3 | 21.2 | 21.0 | 20.8 | 20.5 | 20.2 | 20.0 | 19.7 | 17.9 | 21.3 | 3.4 |
| 7/25/2009 | 19.7 | 19.5 | 19.2 | 19.0 | 18.7 | 18.3 | 18.0 | 17.7 | 17.6 | 17.8 | 18.2 | 18.7 | 19.2 | 19.8 | 20.4 | 20.8 | 21.1 | 21.2 | 21.1 | 20.9 | 20.7 | 20.4 | 20.1 | 19.8 | 19.5 | 17.6 | 21.2 | 3.6 |
| 7/26/2009 | 19.6 | 19.5 | 19.2 | 19.0 | 18.7 | 18.3 | 18.1 | 17.8 | 17.8 | 18.0 | 18.4 | 18.9 | 19.4 | 19.9 | 20.4 | 20.8 | 21.1 | 21.2 | 21.2 | 21.0 | 20.7 | 20.5 | 20.2 | 19.9 | 19.6 | 17.8 | 21.2 | 3.4 |
| 7/27/2009 | 19.7 | 19.5 | 19.2 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.8 | 18.0 | 18.4 | 18.9 | 19.4 | 20.0 | 20.6 | 21.0 | 21.3 | 21.3 | 21.3 | 21.1 | 20.9 | 20.6 | 20.3 | 20.1 | 19.6 | 17.8 | 21.3 | 3.5 |
| 7/28/2009 | 19.9 | 19.7 | 19.5 | 19.3 | 19.1 | 18.8 | 18.6 | 18.4 | 18.4 | 18.6 | 19.0 | 19.5 | 20.0 | 20.6 | 21.1 | 21.5 | 21.7 | 21.6 | 21.4 | 21.3 | 21.1 | 20.9 | 20.7 | 20.6 | 20.1 | 18.4 | 21.7 | 3.3 |
| 7/29/2009 | 20.4 | 20.2 | 20.1 | 19.8 | 19.6 | 19.3 | 19.1 | 18.8 | 18.8 | 19.0 | 19.4 | 19.9 | 20.4 | 20.9 | 21.4 | 21.8 | 22.0 | 22.0 | 21.9 | 21.7 | 21.5 | 21.3 | 21.1 | 20.8 | 20.5 | 18.8 | 22.0 | 3.2 |
| 7/30/2009 | 20.5 | 20.2 | 19.9 | 19.5 | 19.2 | 18.9 | 18.6 | 18.3 | 18.2 | 18.4 | 18.7 | 19.2 | 19.8 | 20.3 | 20.8 | 21.2 | 21.4 | 21.5 | 21.4 | 21.2 | 21.0 | 20.7 | 20.4 | 20.2 | 20.0 | 18.2 | 21.5 | 3.3 |
| 7/31/2009 | 19.9 | 19.7 | 19.4 | 19.2 | 18.9 | 18.7 | 18.4 | 18.2 | 18.1 | 18.4 | 18.7 | 19.1 | 19.5 | 19.9 | 20.4 | 20.8 | 21.1 | 21.2 | 21.2 | 21.1 | 20.9 | 20.6 | 20.3 | 20.1 | 19.7 | 18.1 | 21.2 | 3.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 14.6 | Minimum | 12.6 |
| Mean Daily Mean | 17.5 | Mean Minimum | 15.7 |
| Maximum Daily Mean | 20.5 | | |
| | | Maximum | 22.0 |
| Minumum Range | 3.1 | Mean Maximum | 19.4 |
| Maximum Range | 4.6 | | |
| | | Mean Range | 3.7 |
| # of Days <= 20 (ºC) | 28 | | |
| # of Days > 20 (ºC) | 2 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Salt Springs Reservoir**
**Station NFMR1**
**Hourly Temperature Recording (ºC)**
**August 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 19.9 | 19.7 | 19.5 | 19.3 | 19.1 | 18.8 | 18.6 | 18.4 | 18.4 | 18.5 | 18.8 | 19.1 | 19.4 | 19.8 | 20.1 | 20.4 | 20.6 | 20.7 | 20.6 | 20.4 | 20.1 | 19.9 | 19.6 | 19.4 | 19.5 | 18.4 | 20.7 | 2.3 |
| 8/2/2009 | 19.2 | 19.0 | 18.8 | 18.7 | 18.5 | 18.2 | 18.0 | 17.9 | 17.8 | 18.1 | 18.5 | 19.0 | 19.4 | 19.7 | 20.1 | 20.5 | 20.7 | 20.6 | 20.5 | 20.3 | 20.0 | 19.7 | 19.4 | 19.2 | 19.2 | 17.8 | 20.7 | 2.8 |
| 8/3/2009 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 17.8 | 17.5 | 17.3 | 17.2 | 17.4 | 17.7 | 18.3 | 18.8 | 19.3 | 19.8 | 20.1 | 20.3 | 20.3 | 20.2 | 20.0 | 19.7 | 19.5 | 19.2 | 18.9 | 18.8 | 17.2 | 20.3 | 3.1 |
| 8/4/2009 | 18.7 | 18.5 | 18.3 | 18.0 | 17.8 | 17.6 | 17.3 | 17.1 | 17.1 | 17.2 | 17.6 | 18.1 | 18.5 | 18.9 | 19.4 | 19.7 | 19.9 | 19.8 | 19.7 | 19.4 | 19.2 | 18.9 | 18.7 | 18.4 | 18.5 | 17.1 | 19.9 | 2.8 |
| 8/5/2009 | 18.2 | 18.0 | 17.8 | 17.7 | 17.5 | 17.2 | 17.0 | 16.9 | 16.8 | 17.0 | 17.3 | 17.7 | 18.2 | 18.5 | 18.5 | 18.6 | 18.6 | 18.7 | 18.6 | 18.4 | 18.1 | 17.9 | 17.6 | 17.3 | 17.8 | 16.8 | 18.7 | 1.9 |
| 8/6/2009 | 17.1 | 16.8 | 16.7 | 16.5 | 16.3 | 16.2 | 15.9 | 15.8 | 15.8 | 15.7 | 15.7 | 15.7 | 16.1 | 16.2 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.6 | 15.5 | 15.3 | 15.2 | 15.0 | 16.0 | 15.0 | 17.1 | 2.1 |
| 8/7/2009 | 14.9 | 14.7 | 14.5 | 14.4 | 14.2 | 14.1 | 14.0 | 13.8 | 13.9 | 14.1 | 14.5 | 15.0 | 15.5 | 15.9 | 16.2 | 16.2 | 16.1 | 16.1 | 16.1 | 16.0 | 15.8 | 15.6 | 15.4 | 15.3 | 15.1 | 13.8 | 16.2 | 2.4 |
| 8/8/2009 | 15.1 | 14.9 | 14.7 | 14.5 | 14.3 | 14.1 | 13.9 | 13.7 | 13.7 | 14.0 | 14.4 | 14.9 | 15.5 | 16.0 | 16.6 | 17.0 | 17.3 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 15.5 | 13.7 | 17.4 | 3.6 |
| 8/9/2009 | 16.1 | 15.9 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.9 | 14.9 | 15.1 | 15.5 | 16.0 | 16.5 | 17.1 | 17.6 | 18.0 | 18.3 | 18.3 | 18.2 | 18.0 | 17.8 | 17.6 | 17.4 | 17.2 | 16.6 | 14.9 | 18.3 | 3.4 |
| 8/10/2009 | 17.0 | 16.9 | 16.8 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 16.0 | 16.3 | 16.7 | 17.3 | 17.7 | 18.4 | 18.7 | 19.1 | 19.3 | 19.2 | 19.1 | 18.9 | 18.7 | 18.4 | 18.2 | 18.0 | 17.6 | 16.0 | 19.3 | 3.2 |
| 8/11/2009 | 17.8 | 17.6 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.6 | 17.0 | 17.5 | 18.1 | 18.6 | 19.1 | 19.4 | 19.6 | 19.6 | 19.5 | 19.3 | 19.1 | 18.8 | 18.5 | 18.2 | 18.0 | 16.4 | 19.6 | 3.2 |
| 8/12/2009 | 18.0 | 17.7 | 17.5 | 17.3 | 17.0 | 16.8 | 16.5 | 16.3 | 16.2 | 16.4 | 16.8 | 17.3 | 17.8 | 18.4 | 18.8 | 19.2 | 19.5 | 19.5 | 19.4 | 19.2 | 19.0 | 18.7 | 18.4 | 18.1 | 17.9 | 16.2 | 19.5 | 3.3 |
| 8/13/2009 | 17.9 | 17.6 | 17.5 | 17.3 | 17.0 | 16.8 | 16.6 | 16.3 | 16.3 | 16.5 | 16.9 | 17.4 | 18.0 | 18.5 | 18.9 | 19.3 | 19.5 | 19.5 | 19.4 | 19.2 | 19.0 | 18.7 | 18.5 | 18.2 | 17.9 | 16.3 | 19.5 | 3.2 |
| 8/14/2009 | 18.0 | 17.8 | 17.6 | 17.4 | 17.2 | 17.0 | 16.8 | 16.6 | 16.6 | 16.8 | 17.2 | 17.7 | 18.2 | 18.6 | 19.0 | 19.2 | 19.4 | 19.3 | 19.1 | 18.8 | 18.5 | 18.2 | 17.9 | 17.5 | 17.9 | 16.6 | 19.4 | 2.8 |
| 8/15/2009 | 17.2 | 17.0 | 16.8 | 16.5 | 16.3 | 16.0 | 15.7 | 15.4 | 15.4 | 15.5 | 15.9 | 16.4 | 16.9 | 17.4 | 17.9 | 18.2 | 18.5 | 18.5 | 18.4 | 18.2 | 18.0 | 17.7 | 17.4 | 17.2 | 17.0 | 15.4 | 18.5 | 3.1 |
| 8/16/2009 | 16.9 | 16.7 | 16.6 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.5 | 15.7 | 16.0 | 16.6 | 17.1 | 17.6 | 18.1 | 18.5 | 18.7 | 18.7 | 18.6 | 18.4 | 18.2 | 17.9 | 17.7 | 17.4 | 17.1 | 15.5 | 18.7 | 3.2 |
| 8/17/2009 | 17.1 | 17.0 | 16.8 | 16.6 | 16.4 | 16.3 | 16.0 | 15.8 | 15.8 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 18.9 | 19.1 | 19.1 | 19.0 | 18.9 | 18.6 | 18.4 | 18.2 | 17.9 | 17.5 | 15.8 | 19.1 | 3.3 |
| 8/18/2009 | 17.7 | 17.5 | 17.3 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.4 | 16.6 | 17.0 | 17.5 | 18.1 | 18.6 | 19.1 | 19.5 | 19.8 | 19.8 | 19.7 | 19.5 | 19.3 | 19.1 | 18.8 | 18.6 | 18.1 | 16.4 | 19.8 | 3.4 |
| 8/19/2009 | 18.4 | 18.2 | 18.0 | 17.9 | 17.7 | 17.5 | 17.3 | 17.0 | 17.0 | 17.1 | 17.6 | 18.1 | 18.7 | 19.2 | 19.7 | 20.1 | 20.3 | 20.4 | 20.3 | 20.1 | 19.9 | 19.7 | 19.4 | 19.1 | 18.7 | 17.0 | 20.4 | 3.4 |
| 8/20/2009 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 17.9 | 17.7 | 17.5 | 17.4 | 17.6 | 18.0 | 18.6 | 19.2 | 19.7 | 20.2 | 20.5 | 20.7 | 20.7 | 20.6 | 20.5 | 20.2 | 20.0 | 19.7 | 19.5 | 19.1 | 17.4 | 20.7 | 3.3 |
| 8/21/2009 | 19.3 | 19.1 | 18.9 | 18.7 | 18.4 | 18.2 | 18.0 | 17.8 | 17.7 | 17.9 | 18.3 | 18.9 | 19.4 | 19.9 | 20.3 | 20.7 | 20.9 | 20.9 | 20.7 | 20.6 | 20.3 | 20.0 | 19.8 | 19.4 | 19.3 | 17.7 | 20.9 | 3.2 |
| 8/22/2009 | 19.2 | 19.0 | 18.8 | 18.6 | 18.4 | 18.2 | 17.9 | 17.7 | 17.6 | 17.8 | 18.1 | 18.5 | 18.8 | 19.0 | 19.4 | 19.8 | 19.9 | 19.8 | 19.7 | 19.5 | 19.3 | 19.2 | 19.1 | 18.9 | 18.8 | 17.6 | 19.9 | 2.3 |
| 8/23/2009 | 18.8 | 18.7 | 18.6 | 18.5 | 18.3 | 18.2 | 18.1 | 18.0 | 17.9 | 17.8 | 17.8 | 18.0 | 18.3 | 18.7 | 19.0 | 19.3 | 19.3 | 19.3 | 19.1 | 18.9 | 18.7 | 18.4 | 18.1 | 17.9 | 18.5 | 17.8 | 19.3 | 1.5 |
| 8/24/2009 | 17.7 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 16.2 | 16.4 | 16.7 | 17.3 | 17.9 | 18.3 | 18.6 | 19.0 | 19.2 | 19.2 | 19.1 | 18.9 | 18.7 | 18.5 | 18.2 | 18.0 | 17.7 | 16.2 | 19.2 | 3.0 |
| 8/25/2009 | 17.8 | 17.6 | 17.4 | 17.3 | 17.1 | 16.8 | 16.6 | 16.4 | 16.3 | 16.4 | 16.7 | 17.4 | 17.8 | 18.3 | 18.7 | 19.0 | 19.2 | 19.3 | 19.1 | 18.9 | 18.6 | 18.4 | 18.1 | 17.8 | 17.8 | 16.3 | 19.3 | 3.0 |
| 8/26/2009 | 17.5 | 17.4 | 17.2 | 17.0 | 16.8 | 16.5 | 16.3 | 16.0 | 15.8 | 16.0 | 16.3 | 16.9 | 17.5 | 18.0 | 18.4 | 18.8 | 19.0 | 19.0 | 18.9 | 18.7 | 18.4 | 18.2 | 17.9 | 17.6 | 17.5 | 15.8 | 19.0 | 3.2 |
| 8/27/2009 | 17.4 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.1 | 15.9 | 15.8 | 15.9 | 16.1 | 16.6 | 17.1 | 17.5 | 18.0 | 18.3 | 18.5 | 18.5 | 18.4 | 18.3 | 18.0 | 17.8 | 17.5 | 17.3 | 17.2 | 15.8 | 18.5 | 2.7 |
| 8/28/2009 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 15.8 | 15.8 | 15.9 | 16.0 | 16.4 | 16.8 | 17.3 | 17.7 | 17.9 | 18.0 | 18.0 | 18.0 | 17.8 | 17.6 | 17.4 | 17.2 | 17.0 | 16.9 | 15.8 | 18.0 | 2.2 |
| 8/29/2009 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.9 | 15.7 | 15.5 | 15.5 | 15.6 | 16.0 | 16.6 | 17.2 | 17.8 | 18.3 | 18.8 | 19.1 | 19.1 | 19.1 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 17.3 | 15.5 | 19.1 | 3.6 |
| 8/30/2009 | 17.9 | 17.7 | 17.5 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 16.6 | 16.8 | 17.2 | 17.7 | 18.2 | 18.7 | 19.0 | 19.3 | 19.5 | 19.5 | 19.3 | 19.1 | 18.8 | 18.6 | 18.3 | 18.1 | 18.0 | 16.6 | 19.5 | 2.9 |
| 8/31/2009 | 17.8 | 17.6 | 17.5 | 17.3 | 17.1 | 17.0 | 16.8 | 16.7 | 16.6 | 16.8 | 17.2 | 17.7 | 18.3 | 18.7 | 19.1 | 19.5 | 19.7 | 19.6 | 19.4 | 19.2 | 19.0 | 18.7 | 18.5 | 18.2 | 18.1 | 16.6 | 19.7 | 3.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 15.1 | Minimum | 13.7 |
| Mean Daily Mean | 17.8 | Mean Minimum | 16.3 |
| Maximum Daily Mean | 19.5 | | |
| | | Maximum | 20.9 |
| Minumum Range | 1.5 | Mean Maximum | 19.2 |
| Maximum Range | 3.6 | | |
| | | Mean Range | 2.9 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Salt Springs Reservoir**
**Station NFMR1**
**Hourly Temperature Recording (ºC)**
**September 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 18.0 | 17.8 | 17.6 | 17.5 | 17.3 | 17.2 | 17.1 | 16.9 | 16.9 | 17.0 | 17.4 | 17.9 | 18.4 | 18.7 | 19.0 | 19.3 | 19.4 | 19.4 | 19.2 | 19.1 | 18.8 | 18.6 | 18.3 | 18.1 | 18.1 | 16.9 | 19.4 | 2.5 |
| 9/2/2009 | 17.8 | 17.6 | 17.4 | 17.2 | 17.0 | 16.8 | 16.5 | 16.3 | 16.2 | 16.4 | 16.7 | 17.1 | 17.6 | 17.9 | 18.1 | 18.4 | 18.4 | 18.5 | 18.4 | 18.2 | 18.0 | 17.8 | 17.6 | 17.4 | 17.5 | 16.2 | 18.5 | 2.3 |
| 9/3/2009 | 17.2 | 17.0 | 16.8 | 16.6 | 16.5 | 16.3 | 16.1 | 15.9 | 15.9 | 16.1 | 16.4 | 16.9 | 17.4 | 17.9 | 18.3 | 18.5 | 18.7 | 18.6 | 18.5 | 18.3 | 18.1 | 17.9 | 17.7 | 17.4 | 17.3 | 15.9 | 18.7 | 2.8 |
| 9/4/2009 | 17.2 | 17.0 | 16.9 | 16.7 | 16.5 | 16.3 | 16.2 | 16.1 | 16.0 | 16.2 | 16.5 | 17.0 | 17.6 | 18.1 | 18.4 | 18.7 | 18.8 | 18.8 | 18.6 | 18.4 | 18.2 | 17.9 | 17.7 | 17.4 | 17.4 | 16.0 | 18.8 | 2.8 |
| 9/5/2009 | 17.2 | 17.0 | 16.8 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 15.9 | 16.0 | 16.4 | 16.9 | 17.3 | 17.7 | 18.1 | 18.4 | 18.5 | 18.4 | 18.2 | 18.0 | 17.7 | 17.5 | 17.2 | 17.0 | 17.2 | 15.9 | 18.5 | 2.6 |
| 9/6/2009 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 15.9 | 15.7 | 15.5 | 15.5 | 15.6 | 15.9 | 16.3 | 16.9 | 17.3 | 17.7 | 17.9 | 18.1 | 18.0 | 17.9 | 17.6 | 17.4 | 17.1 | 16.9 | 16.6 | 16.7 | 15.5 | 18.1 | 2.6 |
| 9/7/2009 | 16.4 | 16.2 | 16.0 | 15.9 | 15.7 | 15.5 | 15.3 | 15.1 | 15.1 | 15.2 | 15.5 | 16.0 | 16.5 | 16.9 | 17.3 | 17.5 | 17.7 | 17.7 | 17.5 | 17.3 | 17.1 | 16.8 | 16.6 | 16.3 | 16.4 | 15.1 | 17.7 | 2.7 |
| 9/8/2009 | 16.1 | 15.9 | 15.7 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.7 | 14.8 | 15.1 | 15.6 | 16.1 | 16.6 | 17.0 | 17.4 | 17.6 | 17.6 | 17.4 | 17.3 | 17.1 | 16.8 | 16.6 | 16.4 | 16.2 | 14.7 | 17.6 | 2.9 |
| 9/9/2009 | 16.2 | 16.0 | 15.9 | 15.8 | 15.7 | 15.5 | 15.4 | 15.2 | 15.2 | 15.4 | 15.7 | 16.2 | 16.7 | 17.2 | 17.6 | 17.9 | 18.1 | 18.1 | 18.0 | 17.8 | 17.6 | 17.4 | 17.1 | 16.9 | 16.6 | 15.2 | 18.1 | 2.9 |
| 9/10/2009 | 16.7 | 16.6 | 16.4 | 16.3 | 16.1 | 15.9 | 15.8 | 15.6 | 15.5 | 15.7 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.3 | 18.5 | 18.6 | 18.5 | 18.3 | 18.1 | 17.9 | 17.6 | 17.4 | 17.0 | 15.5 | 18.6 | 3.0 |
| 9/11/2009 | 17.2 | 17.1 | 16.9 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 16.0 | 16.1 | 16.5 | 17.0 | 17.2 | 17.7 | 17.6 | 17.9 | 17.8 | 17.7 | 17.7 | 17.5 | 17.3 | 17.2 | 17.0 | 16.9 | 17.0 | 16.0 | 17.9 | 1.9 |
| 9/12/2009 | 16.8 | 16.7 | 16.6 | 16.5 | 16.3 | 16.2 | 16.1 | 16.0 | 16.0 | 16.1 | 16.4 | 16.9 | 17.4 | 17.7 | 18.0 | 18.1 | 18.2 | 18.3 | 18.1 | 18.0 | 17.7 | 17.5 | 17.3 | 17.1 | 17.1 | 16.0 | 18.3 | 2.3 |
| 9/13/2009 | 17.0 | 16.8 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 15.9 | 15.8 | 15.8 | 16.1 | 16.5 | 17.0 | 17.4 | 17.7 | 17.8 | 17.8 | 17.6 | 17.4 | 17.1 | 16.9 | 16.7 | 16.4 | 16.3 | 16.7 | 15.8 | 17.8 | 2.0 |
| 9/14/2009 | 16.1 | 15.9 | 15.8 | 15.7 | 15.5 | 15.4 | 15.3 | 15.1 | 15.1 | 15.1 | 15.2 | 15.4 | 15.5 | 15.8 | 16.1 | 16.1 | 16.0 | 16.0 | 15.8 | 15.6 | 15.5 | 15.3 | 15.2 | 15.1 | 15.6 | 15.1 | 16.1 | 1.0 |
| 9/15/2009 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.3 | 14.3 | 14.2 | 14.4 | 14.7 | 15.2 | 15.7 | 16.2 | 16.6 | 17.0 | 17.2 | 17.2 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.6 | 14.2 | 17.2 | 3.0 |
| 9/16/2009 | 15.9 | 15.8 | 15.6 | 15.5 | 15.3 | 15.2 | 15.0 | 14.8 | 14.8 | 14.9 | 15.2 | 15.7 | 16.2 | 16.7 | 17.1 | 17.4 | 17.6 | 17.6 | 17.5 | 17.4 | 17.2 | 17.0 | 16.7 | 16.6 | 16.2 | 14.8 | 17.6 | 2.8 |
| 9/17/2009 | 16.4 | 16.3 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.5 | 15.8 | 16.2 | 16.6 | 17.2 | 17.4 | 17.8 | 18.0 | 18.0 | 17.9 | 17.8 | 17.6 | 17.4 | 17.2 | 17.0 | 16.7 | 15.3 | 18.0 | 2.7 |
| 9/18/2009 | 16.9 | 16.7 | 16.6 | 16.4 | 16.3 | 16.1 | 15.9 | 15.8 | 15.7 | 15.8 | 16.1 | 16.6 | 17.1 | 17.6 | 17.9 | 18.2 | 18.4 | 18.4 | 18.3 | 18.1 | 17.9 | 17.7 | 17.4 | 17.2 | 17.0 | 15.7 | 18.4 | 2.7 |
| 9/19/2009 | 17.0 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 15.9 | 15.9 | 15.9 | 16.2 | 16.6 | 17.1 | 17.5 | 17.9 | 18.1 | 18.3 | 18.2 | 18.1 | 17.9 | 17.7 | 17.4 | 17.2 | 16.9 | 17.0 | 15.9 | 18.3 | 2.4 |
| 9/20/2009 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.3 | 15.4 | 15.7 | 16.2 | 16.7 | 17.1 | 17.5 | 17.7 | 17.9 | 17.9 | 17.8 | 17.6 | 17.4 | 17.2 | 16.9 | 16.7 | 16.7 | 15.3 | 17.9 | 2.6 |
| 9/21/2009 | 16.4 | 16.2 | 15.9 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.8 | 14.8 | 15.1 | 15.5 | 16.0 | 16.4 | 16.8 | 17.1 | 17.3 | 17.2 | 17.1 | 16.8 | 16.5 | 16.2 | 16.0 | 15.7 | 16.0 | 14.8 | 17.3 | 2.5 |
| 9/22/2009 | 15.5 | 15.2 | 15.0 | 14.8 | 14.6 | 14.5 | 14.3 | 14.1 | 14.0 | 14.2 | 14.5 | 15.0 | 15.5 | 16.0 | 16.4 | 16.7 | 16.9 | 17.0 | 16.9 | 16.8 | 16.6 | 16.4 | 16.1 | 15.9 | 15.5 | 14.0 | 17.0 | 3.0 |
| 9/23/2009 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.8 | 14.6 | 14.4 | 14.3 | 14.4 | 14.7 | 15.2 | 15.7 | 16.1 | 16.5 | 16.8 | 17.0 | 17.0 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.8 | 15.7 | 14.3 | 17.0 | 2.7 |
| 9/24/2009 | 15.6 | 15.5 | 15.3 | 15.2 | 15.0 | 14.8 | 14.7 | 14.5 | 14.4 | 14.4 | 14.7 | 15.2 | 15.7 | 16.1 | 16.5 | 16.8 | 17.0 | 17.0 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.9 | 15.7 | 14.4 | 17.0 | 2.6 |
| 9/25/2009 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 14.9 | 14.8 | 14.6 | 14.6 | 14.7 | 15.0 | 15.4 | 15.9 | 16.4 | 16.8 | 17.1 | 17.2 | 17.2 | 17.1 | 16.9 | 16.8 | 16.6 | 16.4 | 16.1 | 15.9 | 14.6 | 17.2 | 2.6 |
| 9/26/2009 | 15.9 | 15.7 | 15.5 | 15.3 | 15.2 | 15.0 | 14.8 | 14.7 | 14.5 | 14.6 | 14.9 | 15.3 | 15.9 | 16.3 | 16.7 | 17.0 | 17.1 | 17.1 | 17.0 | 16.9 | 16.7 | 16.6 | 16.4 | 16.1 | 15.9 | 14.5 | 17.1 | 2.6 |
| 9/27/2009 | 15.9 | 15.7 | 15.6 | 15.4 | 15.2 | 15.1 | 14.9 | 14.8 | 14.6 | 14.7 | 15.0 | 15.4 | 16.0 | 16.5 | 16.8 | 17.0 | 17.2 | 17.2 | 17.1 | 16.9 | 16.8 | 16.6 | 16.4 | 16.2 | 16.0 | 14.6 | 17.2 | 2.6 |
| 9/28/2009 | 16.0 | 15.9 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 15.0 | 14.9 | 14.9 | 15.2 | 15.5 | 16.0 | 16.2 | 16.5 | 16.7 | 16.6 | 16.5 | 16.4 | 16.2 | 16.0 | 15.9 | 15.6 | 15.4 | 15.8 | 14.9 | 16.7 | 1.8 |
| 9/29/2009 | 15.2 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.2 | 14.1 | 14.0 | 14.0 | 13.9 | 13.9 | 13.8 | 13.9 | 13.9 | 13.8 | 13.6 | 13.3 | 13.1 | 12.9 | 12.7 | 12.5 | 14.0 | 12.5 | 15.2 | 2.7 |
| 9/30/2009 | 12.3 | 12.2 | 12.0 | 11.8 | 11.6 | 11.4 | 11.3 | 11.1 | 11.0 | 11.0 | 11.3 | 11.7 | 12.1 | 12.5 | 12.8 | 13.0 | 13.1 | 13.0 | 12.9 | 12.7 | 12.4 | 12.2 | 11.8 | 11.5 | 12.0 | 11.0 | 13.1 | 2.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.0 | Minimum | 11.0 |
| Mean Daily Mean | 16.3 | Mean Minimum | 15.0 |
| Maximum Daily Mean | 18.1 | | |
| | | Maximum | 19.4 |
| Minumum Range | 1.0 | Mean Maximum | 17.5 |
| Maximum Range | 3.0 | | |
| | | Mean Range | 2.5 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork North Fork MokelumneRiver below Salt Springs Reservoir**
**Station NFMR2**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 6.1 | 6.1 | 6.1 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.2 | 6.4 | 6.7 | 6.9 | 7.3 | 7.4 | 7.4 | 7.4 | 7.2 | 6.9 | 6.7 | 6.7 | 6.6 | 6.5 | 6.5 | 6.0 | 7.4 | 1.4 |
| 4/2/2009 | 6.4 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.4 | 6.8 | 6.9 | 7.2 | 7.1 | 7.0 | 7.0 | 6.9 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 | 6.5 | 6.1 | 7.2 | 1.1 |
| 4/3/2009 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 5.9 | 5.9 | 6.0 | 6.1 | 6.4 | 6.6 | 6.9 | 6.9 | 6.9 | 6.8 | 6.7 | 6.4 | 6.3 | 6.2 | 6.0 | 6.0 | 6.3 | 5.9 | 6.9 | 1.0 |
| 4/4/2009 | 5.9 | 5.9 | 5.9 | 6.0 | 6.1 | 6.1 | 6.1 | 6.2 | 6.2 | 6.3 | 6.5 | 6.7 | 7.0 | 7.2 | 7.5 | 7.5 | 7.5 | 7.4 | 7.2 | 7.0 | 6.9 | 6.8 | 6.7 | 6.7 | 6.6 | 5.9 | 7.5 | 1.6 |
| 4/5/2009 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.5 | 6.7 | 7.0 | 7.2 | 7.4 | 7.4 | 7.4 | 7.3 | 7.0 | 6.7 | 6.6 | 6.5 | 6.4 | 6.4 | 6.7 | 6.4 | 7.4 | 1.0 |
| 4/6/2009 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.4 | 6.4 | 6.5 | 6.7 | 7.1 | 7.2 | 7.4 | 7.4 | 7.4 | 7.4 | 7.2 | 6.9 | 6.8 | 6.7 | 6.7 | 6.7 | 6.8 | 6.3 | 7.4 | 1.1 |
| 4/7/2009 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.5 | 6.7 | 6.9 | 7.1 | 7.2 | 7.4 | 7.5 | 7.3 | 6.9 | 6.6 | 6.4 | 6.3 | 6.3 | 6.3 | 6.2 | 6.7 | 6.2 | 7.5 | 1.3 |
| 4/8/2009 | 6.1 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.0 | 6.1 | 6.2 | 6.4 | 6.6 | 6.7 | 6.8 | 6.8 | 7.0 | 6.9 | 6.9 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.0 | 7.0 | 1.0 |
| 4/9/2009 | 6.5 | 6.5 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.0 | 6.9 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.4 | 6.4 | 6.6 | 6.4 | 7.1 | 0.7 |
| 4/10/2009 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 | 7.1 | 7.2 | 7.2 | 7.1 | 7.0 | 6.9 | 6.7 | 6.6 | 6.5 | 6.5 | 6.6 | 6.3 | 7.2 | 0.9 |
| 4/11/2009 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.6 | 7.0 | 7.2 | 7.4 | 7.3 | 7.2 | 7.2 | 7.0 | 6.8 | 6.8 | 6.7 | 6.6 | 6.6 | 6.7 | 6.3 | 7.4 | 1.1 |
| 4/12/2009 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | 6.3 | 6.3 | 6.5 | 6.7 | 7.1 | 7.3 | 7.6 | 7.7 | 7.8 | 7.7 | 7.4 | 7.1 | 6.9 | 6.7 | 6.6 | 6.5 | 6.8 | 6.2 | 7.8 | 1.6 |
| 4/13/2009 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.4 | 6.5 | 6.7 | 7.0 | 7.2 | 7.4 | 7.6 | 7.7 | 7.7 | 7.7 | 7.5 | 7.3 | 7.0 | 6.8 | 6.7 | 6.6 | 6.6 | 6.9 | 6.3 | 7.7 | 1.4 |
| 4/14/2009 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.5 | 6.7 | 6.8 | 6.9 | 7.1 | 7.1 | 7.2 | 7.1 | 6.9 | 6.8 | 6.6 | 6.3 | 6.2 | 6.2 | 6.2 | 6.1 | 6.6 | 6.1 | 7.2 | 1.1 |
| 4/15/2009 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.4 | 6.5 | 6.7 | 7.0 | 7.2 | 7.5 | 7.4 | 7.2 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.4 | 6.3 | 6.6 | 6.1 | 7.5 | 1.4 |
| 4/16/2009 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.2 | 6.2 | 6.2 | 6.3 | 6.4 | 6.9 | 7.1 | 7.4 | 7.7 | 7.7 | 7.9 | 7.9 | 7.6 | 7.2 | 7.0 | 6.8 | 6.6 | 6.5 | 6.8 | 6.1 | 7.9 | 1.8 |
| 4/17/2009 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 6.3 | 6.3 | 6.4 | 6.6 | 7.1 | 7.3 | 7.5 | 7.6 | 7.6 | 7.6 | 7.5 | 7.3 | 7.0 | 6.8 | 6.7 | 6.7 | 6.6 | 6.8 | 6.2 | 7.6 | 1.4 |
| 4/18/2009 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.7 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.7 | 7.6 | 7.8 | 8.0 | 8.0 | 7.9 | 7.8 | 7.4 | 7.1 | 6.9 | 6.8 | 6.7 | 6.7 | 7.1 | 6.5 | 8.0 | 1.5 |
| 4/19/2009 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.7 | 6.8 | 7.0 | 7.3 | 7.4 | 7.5 | 7.4 | 7.6 | 7.7 | 7.8 | 7.8 | 7.8 | 7.5 | 7.2 | 7.1 | 7.0 | 6.9 | 6.9 | 7.1 | 6.6 | 7.8 | 1.2 |
| 4/20/2009 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 7.0 | 7.0 | 7.1 | 7.3 | 7.6 | 7.5 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.5 | 7.2 | 7.0 | 7.0 | 6.9 | 6.9 | 7.2 | 6.8 | 7.8 | 1.0 |
| 4/21/2009 | 6.9 | 6.9 | 6.9 | 6.9 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.5 | 7.4 | 7.7 | 7.8 | 7.8 | 7.7 | 7.7 | 7.4 | 7.2 | 7.0 | 6.9 | 6.9 | 6.9 | 7.2 | 6.9 | 7.8 | 0.9 |
| 4/22/2009 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 7.0 | 6.9 | 6.9 | 7.1 | 7.4 | 7.3 | 7.7 | 7.7 | 7.8 | 7.8 | 7.7 | 7.5 | 7.2 | 7.0 | 7.0 | 6.9 | 6.9 | 7.2 | 6.8 | 7.8 | 1.0 |
| 4/23/2009 | 6.9 | 6.9 | 7.0 | 7.1 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.4 | 4.9 | 7.9 | 7.7 | 7.7 | 7.5 | 7.4 | 7.2 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 | 7.1 | 4.9 | 7.9 | 3.0 |
| 4/24/2009 | 6.9 | 7.0 | 7.1 | 7.2 | 7.2 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.8 | 6.8 | 6.8 | 7.1 | 7.3 | 7.2 | 7.1 | 6.9 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.9 | 6.7 | 7.3 | 0.6 |
| 4/25/2009 | 6.8 | 6.9 | 6.9 | 6.9 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.7 | 6.8 | 7.2 | 7.1 | 7.4 | 7.3 | 7.3 | 7.3 | 7.1 | 7.1 | 7.0 | 6.8 | 6.8 | 6.7 | 6.7 | 6.9 | 6.6 | 7.4 | 0.8 |
| 4/26/2009 | 6.7 | 6.7 | 6.7 | 6.7 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 7.1 | 7.5 | 7.4 | 7.7 | 7.7 | 7.8 | 7.7 | 7.7 | 7.4 | 7.2 | 7.0 | 6.9 | 6.8 | 6.8 | 7.1 | 6.7 | 7.8 | 1.1 |
| 4/27/2009 | 6.8 | 6.7 | 6.8 | 6.8 | 6.9 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.2 | 7.4 | 7.4 | 7.5 | 7.6 | 7.5 | 7.4 | 7.2 | 7.0 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 7.0 | 6.5 | 7.6 | 1.1 |
| 4/28/2009 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 | 7.0 | 7.0 | 7.0 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.4 | 7.0 | 0.6 |
| 4/29/2009 | 6.4 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.3 | 6.5 | 6.7 | 6.7 | 6.8 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.7 | 6.3 | 7.0 | 0.7 |
| 4/30/2009 | 6.5 | 6.4 | 6.5 | 6.7 | 6.7 | 6.7 | 6.6 | 6.5 | 6.5 | 6.4 | 6.6 | 6.7 | 6.8 | 7.0 | 7.1 | 7.2 | 7.2 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 6.8 | 6.4 | 7.2 | 0.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.3 | Minimum | 4.9 |
| Mean Daily Mean | 6.8 | Mean Minimum | 6.3 |
| Maximum Daily Mean | 7.2 | | |
| | | Maximum | 8.0 |
| Minumum Range | 0.6 | Mean Maximum | 7.5 |
| Maximum Range | 3.0 | | |
| | | Mean Range | 1.2 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork North Fork MokelumneRiver below Salt Springs Reservoir**
**Station NFMR2**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 7.0 | 7.1 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.1 | 7.1 | 7.2 | 7.0 | 7.3 | 0.3 |
| 5/2/2009 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 | 7.1 | 7.4 | 0.3 |
| 5/3/2009 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.3 | 7.4 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.1 | 7.4 | 0.3 |
| 5/4/2009 | 7.1 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.4 | 7.4 | 7.4 | 7.3 | 7.4 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.1 | 7.5 | 0.4 |
| 5/5/2009 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.6 | 7.6 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 | 7.1 | 7.7 | 0.6 |
| 5/6/2009 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.3 | 7.5 | 7.5 | 7.6 | 7.7 | 7.7 | 7.6 | 7.6 | 7.5 | 7.3 | 7.2 | 7.2 | 7.2 | 7.1 | 7.3 | 7.0 | 7.7 | 0.7 |
| 5/7/2009 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.0 | 7.0 | 7.1 | 7.2 | 7.4 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.0 | 7.4 | 0.4 |
| 5/8/2009 | 7.0 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 7.2 | 0.3 |
| 5/9/2009 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 | 0.2 |
| 5/10/2009 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 7.2 | 0.3 |
| 5/11/2009 | 7.0 | 7.0 | 7.0 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 7.2 | 0.3 |
| 5/12/2009 | 7.0 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 0.1 |
| 5/13/2009 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.2 | 0.2 |
| 5/14/2009 | 7.1 | 7.1 | 7.2 | 7.1 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.2 | 0.2 |
| 5/15/2009 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.4 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 0.3 |
| 5/16/2009 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 0.3 |
| 5/17/2009 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.4 | 7.5 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.2 | 7.5 | 0.3 |
| 5/18/2009 | 7.3 | 7.2 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 | 6.8 | 7.4 | 0.6 |
| 5/19/2009 | 7.2 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.8 | 6.9 | 6.9 | 7.0 | 7.0 | 7.1 | 7.2 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 | 7.1 | 6.8 | 7.4 | 0.6 |
| 5/20/2009 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 7.0 | 7.0 | 7.1 | 7.1 | 7.2 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.4 | 7.4 | 7.2 | 6.9 | 7.5 | 0.6 |
| 5/21/2009 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.5 | 7.6 | 7.2 | 7.0 | 7.6 | 0.6 |
| 5/22/2009 | 7.5 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 | 7.2 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.6 | 7.6 | 7.6 | 7.4 | 7.1 | 7.6 | 0.5 |
| 5/23/2009 | 7.6 | 7.6 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.4 | 7.5 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.7 | 7.7 | 7.7 | 7.5 | 7.2 | 7.7 | 0.5 |
| 5/24/2009 | 7.7 | 7.6 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.6 | 7.6 | 7.7 | 7.6 | 7.6 | 7.5 | 7.6 | 7.6 | 7.7 | 7.8 | 7.5 | 7.2 | 7.8 | 0.6 |
| 5/25/2009 | 7.9 | 7.8 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.6 | 7.7 | 7.8 | 7.7 | 7.6 | 7.6 | 7.6 | 7.7 | 7.8 | 7.8 | 7.5 | 7.2 | 7.9 | 0.7 |
| 5/26/2009 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.8 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.8 | 7.9 | 7.6 | 7.3 | 7.9 | 0.6 |
| 5/27/2009 | 7.9 | 7.8 | 7.6 | 7.6 | 7.5 | 7.4 | 7.4 | 7.4 | 7.5 | 7.6 | 7.8 | 8.3 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 | 7.7 | 7.4 | 8.3 | 0.9 |
| 5/28/2009 | 7.6 | 7.6 | 7.6 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.7 | 7.6 | 7.6 | 7.7 | 7.7 | 7.8 | 7.9 | 7.9 | 7.9 | 7.8 | 7.7 | 7.5 | 7.9 | 0.4 |
| 5/29/2009 | 7.7 | 7.7 | 7.6 | 7.6 | 7.6 | 7.6 | 7.5 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.5 | 7.8 | 0.3 |
| 5/30/2009 | 7.7 | 7.7 | 7.7 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.8 | 7.8 | 7.9 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.7 | 7.6 | 8.0 | 0.4 |
| 5/31/2009 | 7.8 | 7.8 | 7.7 | 7.7 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 | 8.0 | 8.0 | 7.9 | 8.0 | 8.0 | 8.1 | 8.2 | 8.2 | 7.9 | 7.7 | 8.2 | 0.5 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.0 | Minimum | 6.8 |
| Mean Daily Mean | 7.3 | Mean Minimum | 7.1 |
| Maximum Daily Mean | 7.9 | | |
| | | Maximum | 8.3 |
| Minumum Range | 0.1 | Mean Maximum | 7.5 |
| Maximum Range | 0.9 | | |
| | | Mean Range | 0.4 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork North Fork MokelumneRiver below Salt Springs Reservoir**
**Station NFMR2**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 8.0 | 7.9 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.7 | 7.8 | 7.9 | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.1 | 8.2 | 7.9 | 7.6 | 8.2 | 0.6 |
| 6/2/2009 | 8.0 | 7.9 | 7.9 | 7.7 | 7.8 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.1 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.2 | 8.0 | 8.0 | 7.7 | 8.2 | 0.5 |
| 6/3/2009 | 7.8 | 7.8 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 7.8 | 7.9 | 7.8 | 7.9 | 7.9 | 7.7 | 8.1 | 0.4 |
| 6/4/2009 | 7.9 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 7.8 | 8.1 | 0.3 |
| 6/5/2009 | 7.9 | 7.9 | 7.8 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 8.0 | 7.9 | 8.0 | 8.0 | 7.9 | 7.8 | 7.6 | 7.9 | 7.6 | 8.1 | 0.5 |
| 6/6/2009 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.6 | 8.0 | 0.4 |
| 6/7/2009 | 7.8 | 7.8 | 7.7 | 7.7 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.8 | 7.8 | 7.9 | 8.1 | 8.2 | 8.3 | 8.3 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 7.6 | 8.4 | 0.8 |
| 6/8/2009 | 8.1 | 7.9 | 7.8 | 7.6 | 7.6 | 7.7 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.2 | 8.3 | 8.4 | 8.5 | 8.4 | 8.4 | 8.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.1 | 7.6 | 8.5 | 0.9 |
| 6/9/2009 | 8.3 | 8.1 | 8.0 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 | 8.1 | 8.3 | 8.4 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.4 | 8.3 | 8.3 | 8.4 | 8.4 | 8.2 | 7.8 | 8.5 | 0.7 |
| 6/10/2009 | 8.2 | 8.1 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.6 | 8.6 | 8.6 | 8.7 | 8.6 | 8.6 | 8.5 | 8.3 | 8.4 | 8.3 | 8.2 | 8.3 | 7.8 | 8.7 | 0.9 |
| 6/11/2009 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.6 | 8.6 | 8.7 | 8.7 | 8.7 | 8.5 | 8.4 | 8.4 | 8.5 | 8.4 | 8.3 | 7.9 | 8.7 | 0.8 |
| 6/12/2009 | 8.2 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 8.1 | 8.1 | 8.2 | 8.3 | 8.4 | 8.6 | 8.6 | 8.5 | 8.6 | 8.7 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.4 | 8.0 | 8.7 | 0.7 |
| 6/13/2009 | 8.4 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.2 | 8.2 | 8.3 | 8.4 | 8.5 | 8.5 | 8.6 | 8.6 | 8.6 | 8.6 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.6 | 8.5 | 8.4 | 8.4 | 8.1 | 8.7 | 0.6 |
| 6/14/2009 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.2 | 8.2 | 8.3 | 8.4 | 8.5 | 8.5 | 8.7 | 8.7 | 8.7 | 8.8 | 8.9 | 8.9 | 8.8 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 | 8.1 | 8.9 | 0.8 |
| 6/15/2009 | 8.5 | 8.5 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.1 | 9.1 | 9.0 | 8.8 | 8.7 | 8.6 | 8.6 | 8.6 | 8.7 | 8.3 | 9.2 | 0.9 |
| 6/16/2009 | 8.6 | 8.6 | 8.5 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.5 | 8.6 | 8.8 | 8.9 | 8.9 | 9.0 | 9.1 | 9.0 | 9.1 | 9.1 | 9.0 | 9.0 | 8.8 | 8.8 | 8.8 | 8.7 | 8.7 | 8.4 | 9.1 | 0.7 |
| 6/17/2009 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.6 | 8.7 | 8.8 | 9.0 | 9.0 | 9.2 | 9.3 | 9.3 | 9.3 | 9.2 | 9.0 | 8.9 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.5 | 9.3 | 0.8 |
| 6/18/2009 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.6 | 8.7 | 8.8 | 9.0 | 9.1 | 9.1 | 9.3 | 9.4 | 9.5 | 9.5 | 9.3 | 9.1 | 8.8 | 8.8 | 8.7 | 8.7 | 8.8 | 8.9 | 8.5 | 9.5 | 1.0 |
| 6/19/2009 | 8.8 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.6 | 8.7 | 8.8 | 9.0 | 9.1 | 9.2 | 9.3 | 9.3 | 9.4 | 9.3 | 9.1 | 9.1 | 8.9 | 8.9 | 8.9 | 8.8 | 8.8 | 8.9 | 8.5 | 9.4 | 0.9 |
| 6/20/2009 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.0 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.8 | 8.8 | 8.8 | 8.8 | 8.7 | 8.8 | 8.5 | 9.2 | 0.7 |
| 6/21/2009 | 8.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.6 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.2 | 9.2 | 9.1 | 9.1 | 8.9 | 8.9 | 8.9 | 8.9 | 8.8 | 8.9 | 8.5 | 9.3 | 0.8 |
| 6/22/2009 | 8.7 | 8.6 | 8.5 | 8.3 | 8.4 | 8.3 | 8.2 | 8.3 | 8.6 | 9.4 | 10.3 | 12.2 | 12.2 | 14.2 | 16.3 | 16.9 | 20.6 | 21.0 | 20.0 | 16.1 | 13.9 | 12.6 | 11.8 | 11.2 | 12.3 | 8.2 | 21.0 | 12.8 |
| 6/23/2009 | 10.7 | 10.4 | 10.2 | 10.2 | 10.0 | 9.8 | 9.7 | 9.9 | 10.3 | 9.6 | 9.3 | 9.6 | 9.8 | 10.0 | 10.0 | 10.0 | 9.9 | 9.8 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.2 | 9.8 | 9.2 | 10.7 | 1.5 |
| 6/24/2009 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 | 8.9 | 8.9 | 8.9 | 9.1 | 9.2 | 9.4 | 9.6 | 9.8 | 9.9 | 10.0 | 10.1 | 10.0 | 9.9 | 9.7 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.4 | 8.9 | 10.1 | 1.2 |
| 6/25/2009 | 9.2 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 8.9 | 9.0 | 9.1 | 9.2 | 9.4 | 9.6 | 9.8 | 9.9 | 10.0 | 10.0 | 9.8 | 9.7 | 9.6 | 9.3 | 9.3 | 9.3 | 9.3 | 9.1 | 9.4 | 8.9 | 10.0 | 1.1 |
| 6/26/2009 | 9.1 | 9.1 | 9.0 | 8.9 | 8.9 | 8.9 | 8.9 | 9.0 | 9.1 | 9.3 | 9.5 | 9.7 | 9.9 | 10.0 | 10.0 | 10.1 | 10.0 | 9.9 | 9.7 | 9.4 | 9.3 | 9.3 | 9.3 | 9.2 | 9.4 | 8.9 | 10.1 | 1.2 |
| 6/27/2009 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.2 | 9.3 | 9.5 | 9.6 | 9.8 | 10.0 | 10.1 | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.5 | 9.1 | 10.2 | 1.1 |
| 6/28/2009 | 9.3 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.3 | 9.5 | 9.6 | 9.9 | 10.0 | 10.2 | 10.3 | 10.4 | 10.2 | 10.1 | 9.9 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.6 | 9.1 | 10.4 | 1.3 |
| 6/29/2009 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.3 | 9.4 | 9.6 | 9.8 | 10.0 | 10.1 | 10.2 | 10.2 | 10.2 | 10.0 | 9.8 | 9.5 | 9.4 | 9.4 | 9.3 | 9.3 | 9.5 | 9.2 | 10.2 | 1.0 |
| 6/30/2009 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.2 | 9.4 | 9.6 | 9.7 | 9.8 | 9.7 | 9.7 | 9.6 | 9.8 | 10.0 | 9.8 | 9.7 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.5 | 9.1 | 10.0 | 0.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.8 | Minimum | 7.6 |
| Mean Daily Mean | 8.8 | Mean Minimum | 8.3 |
| Maximum Daily Mean | 12.3 | | |
| | | Maximum | 21.0 |
| Minumum Range | 0.3 | Mean Maximum | 9.5 |
| Maximum Range | 12.8 | | |
| | | Mean Range | 1.2 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork North Fork MokelumneRiver below Salt Springs Reservoir**
**Station NFMR2**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.4 | 9.5 | 9.7 | 9.9 | 10.1 | 10.3 | 10.4 | 10.5 | 10.5 | 10.5 | 10.2 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.7 | 9.3 | 10.5 | 1.2 |
| 7/2/2009 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.3 | 9.4 | 9.6 | 9.8 | 10.1 | 10.4 | 10.7 | 10.9 | 11.1 | 11.0 | 11.0 | 10.7 | 10.2 | 9.9 | 9.8 | 9.7 | 9.7 | 9.9 | 9.2 | 11.1 | 1.9 |
| 7/3/2009 | 9.6 | 9.6 | 9.5 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.6 | 9.7 | 9.9 | 10.3 | 10.7 | 11.0 | 11.3 | 11.6 | 11.6 | 11.5 | 11.1 | 10.6 | 10.4 | 10.2 | 10.0 | 9.8 | 10.2 | 9.4 | 11.6 | 2.2 |
| 7/4/2009 | 9.8 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 9.6 | 9.8 | 10.0 | 10.4 | 10.9 | 11.2 | 11.6 | 11.9 | 11.9 | 11.8 | 11.4 | 10.9 | 10.6 | 10.4 | 10.2 | 10.1 | 10.4 | 9.5 | 11.9 | 2.4 |
| 7/5/2009 | 10.0 | 9.8 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 9.7 | 9.8 | 10.0 | 10.4 | 11.0 | 11.3 | 11.7 | 12.0 | 12.0 | 11.8 | 11.4 | 10.9 | 10.6 | 10.3 | 10.2 | 10.0 | 10.5 | 9.6 | 12.0 | 2.4 |
| 7/6/2009 | 9.9 | 9.8 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 9.7 | 9.8 | 10.3 | 10.8 | 11.2 | 11.6 | 11.9 | 11.8 | 11.7 | 11.3 | 10.8 | 10.5 | 10.2 | 10.0 | 9.9 | 10.3 | 9.5 | 11.9 | 2.4 |
| 7/7/2009 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.5 | 9.7 | 10.2 | 10.7 | 11.1 | 11.4 | 11.8 | 11.8 | 11.7 | 11.3 | 10.7 | 10.4 | 10.2 | 10.0 | 9.8 | 10.2 | 9.3 | 11.8 | 2.5 |
| 7/8/2009 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.3 | 9.5 | 9.7 | 10.2 | 10.7 | 11.1 | 11.4 | 11.8 | 11.8 | 11.7 | 11.3 | 10.8 | 10.5 | 10.3 | 10.1 | 9.9 | 10.2 | 9.2 | 11.8 | 2.6 |
| 7/9/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 | 9.4 | 9.6 | 9.8 | 10.3 | 10.8 | 11.1 | 11.5 | 11.8 | 11.9 | 11.7 | 11.4 | 10.8 | 10.5 | 10.3 | 10.1 | 10.0 | 10.3 | 9.3 | 11.9 | 2.6 |
| 7/10/2009 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.5 | 9.6 | 9.7 | 9.9 | 10.3 | 10.9 | 11.3 | 11.5 | 11.9 | 11.9 | 11.8 | 11.4 | 10.9 | 10.6 | 10.4 | 10.2 | 10.0 | 10.4 | 9.4 | 11.9 | 2.5 |
| 7/11/2009 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 | 10.0 | 10.5 | 11.0 | 11.4 | 11.7 | 12.1 | 11.8 | 11.3 | 10.9 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 10.4 | 9.7 | 12.1 | 2.4 |
| 7/12/2009 | 10.0 | 10.0 | 9.9 | 9.9 | 9.8 | 9.8 | 9.7 | 9.8 | 9.8 | 10.0 | 10.1 | 10.5 | 11.2 | 11.6 | 11.4 | 11.2 | 11.1 | 11.0 | 10.8 | 10.6 | 10.3 | 10.1 | 10.0 | 9.9 | 10.4 | 9.7 | 11.6 | 1.9 |
| 7/13/2009 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.7 | 9.7 | 9.9 | 10.0 | 10.4 | 11.0 | 11.5 | 11.8 | 12.1 | 12.2 | 12.1 | 11.7 | 11.1 | 10.8 | 10.5 | 10.4 | 10.2 | 10.5 | 9.6 | 12.2 | 2.6 |
| 7/14/2009 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.9 | 10.0 | 10.2 | 10.7 | 11.1 | 11.5 | 11.8 | 12.2 | 12.3 | 12.3 | 11.9 | 11.4 | 11.0 | 10.8 | 10.6 | 10.4 | 10.7 | 9.8 | 12.3 | 2.5 |
| 7/15/2009 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.2 | 10.3 | 10.7 | 11.2 | 11.7 | 12.1 | 12.3 | 12.4 | 12.3 | 11.9 | 11.4 | 11.1 | 10.8 | 10.6 | 10.4 | 10.8 | 10.0 | 12.4 | 2.4 |
| 7/16/2009 | 10.3 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 10.0 | 10.0 | 10.1 | 10.2 | 10.3 | 10.7 | 11.2 | 11.7 | 12.0 | 12.3 | 12.4 | 12.4 | 12.0 | 11.4 | 11.1 | 10.8 | 10.6 | 10.5 | 10.9 | 10.0 | 12.4 | 2.4 |
| 7/17/2009 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 10.1 | 10.1 | 10.2 | 10.4 | 10.8 | 11.2 | 11.7 | 12.0 | 12.3 | 12.5 | 12.4 | 12.0 | 11.5 | 11.2 | 10.9 | 10.7 | 10.5 | 10.9 | 10.0 | 12.5 | 2.5 |
| 7/18/2009 | 10.4 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 | 10.5 | 10.6 | 11.1 | 11.3 | 11.6 | 12.0 | 12.3 | 12.5 | 12.4 | 12.1 | 11.5 | 11.2 | 10.9 | 10.7 | 10.6 | 11.0 | 10.2 | 12.5 | 2.3 |
| 7/19/2009 | 10.5 | 10.5 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.5 | 10.6 | 11.0 | 11.4 | 12.0 | 12.3 | 12.4 | 12.5 | 12.5 | 12.2 | 11.6 | 11.3 | 11.0 | 10.8 | 10.7 | 11.1 | 10.3 | 12.5 | 2.2 |
| 7/20/2009 | 10.6 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.4 | 10.4 | 10.6 | 10.7 | 11.0 | 11.5 | 12.3 | 12.3 | 12.4 | 12.4 | 12.1 | 11.7 | 11.4 | 11.1 | 10.8 | 10.6 | 10.5 | 11.1 | 10.3 | 12.4 | 2.1 |
| 7/21/2009 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 10.2 | 10.2 | 10.3 | 10.5 | 10.8 | 11.3 | 11.8 | 12.1 | 12.4 | 12.4 | 12.0 | 11.7 | 11.3 | 11.0 | 10.8 | 10.6 | 10.5 | 10.9 | 10.1 | 12.4 | 2.2 |
| 7/22/2009 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.2 | 10.4 | 10.7 | 11.2 | 11.6 | 11.9 | 12.2 | 12.3 | 12.0 | 11.7 | 11.3 | 11.1 | 10.8 | 10.7 | 10.6 | 10.8 | 10.1 | 12.3 | 2.2 |
| 7/23/2009 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.5 | 10.6 | 10.9 | 11.4 | 11.8 | 12.1 | 12.3 | 12.4 | 12.1 | 11.7 | 11.4 | 11.1 | 10.9 | 10.8 | 10.6 | 11.0 | 10.3 | 12.4 | 2.1 |
| 7/24/2009 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.3 | 10.3 | 10.5 | 10.6 | 10.9 | 11.4 | 11.8 | 12.1 | 12.3 | 12.4 | 12.1 | 11.7 | 11.4 | 11.1 | 10.9 | 10.7 | 10.6 | 11.0 | 10.2 | 12.4 | 2.2 |
| 7/25/2009 | 10.5 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 | 10.4 | 10.5 | 10.8 | 11.3 | 11.7 | 12.0 | 12.3 | 12.4 | 12.1 | 11.7 | 11.4 | 11.1 | 10.9 | 10.7 | 10.6 | 10.9 | 10.2 | 12.4 | 2.2 |
| 7/26/2009 | 10.5 | 10.5 | 10.4 | 10.3 | 10.3 | 10.3 | 10.2 | 10.3 | 10.3 | 10.4 | 10.5 | 10.9 | 11.3 | 11.8 | 12.1 | 12.3 | 12.4 | 12.1 | 11.8 | 11.5 | 11.2 | 11.0 | 10.8 | 10.7 | 11.0 | 10.2 | 12.4 | 2.2 |
| 7/27/2009 | 10.6 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.5 | 10.9 | 11.3 | 11.8 | 12.1 | 12.4 | 12.4 | 12.1 | 11.8 | 11.5 | 11.2 | 11.0 | 10.8 | 10.7 | 11.0 | 10.3 | 12.4 | 2.1 |
| 7/28/2009 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.4 | 10.5 | 10.6 | 10.7 | 11.0 | 11.5 | 11.9 | 12.3 | 12.5 | 12.5 | 12.1 | 11.7 | 11.5 | 11.2 | 11.0 | 10.9 | 10.8 | 11.1 | 10.4 | 12.5 | 2.0 |
| 7/29/2009 | 10.7 | 10.7 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.7 | 10.8 | 11.1 | 11.5 | 12.0 | 12.4 | 12.7 | 12.7 | 12.4 | 11.9 | 11.6 | 11.4 | 11.2 | 11.0 | 10.9 | 11.3 | 10.6 | 12.7 | 2.1 |
| 7/30/2009 | 10.8 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.8 | 10.9 | 11.1 | 11.6 | 12.1 | 12.4 | 12.5 | 12.6 | 12.3 | 12.0 | 11.7 | 11.4 | 11.2 | 11.0 | 10.9 | 11.3 | 10.7 | 12.6 | 1.9 |
| 7/31/2009 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.6 | 10.8 | 11.1 | 11.4 | 11.8 | 12.2 | 12.4 | 12.4 | 12.2 | 11.9 | 11.6 | 11.4 | 11.1 | 11.0 | 10.9 | 11.2 | 10.5 | 12.4 | 1.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.7 | Minimum | 9.2 |
| Mean Daily Mean | 10.7 | Mean Minimum | 9.9 |
| Maximum Daily Mean | 11.3 | | |
| | | Maximum | 12.7 |
| Minumum Range | 1.2 | Mean Maximum | 12.1 |
| Maximum Range | 2.6 | | |
| | | Mean Range | 2.2 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork North Fork MokelumneRiver below Salt Springs Reservoir**
**Station NFMR2**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 10.7 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 11.3 | 11.7 | 12.0 | 12.1 | 12.2 | 12.0 | 11.7 | 11.4 | 11.1 | 11.0 | 10.8 | 10.7 | 11.1 | 10.5 | 12.2 | 1.7 |
| 8/2/2009 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.6 | 10.7 | 10.8 | 11.1 | 11.5 | 11.9 | 12.2 | 12.4 | 12.4 | 12.1 | 11.7 | 11.4 | 11.2 | 10.9 | 10.8 | 10.7 | 11.1 | 10.5 | 12.4 | 1.9 |
| 8/3/2009 | 10.6 | 10.5 | 10.5 | 10.5 | 10.4 | 10.5 | 10.5 | 10.5 | 10.5 | 10.6 | 10.8 | 11.2 | 11.7 | 12.4 | 12.8 | 13.0 | 13.1 | 12.8 | 12.4 | 12.1 | 11.8 | 11.6 | 11.4 | 11.3 | 11.4 | 10.4 | 13.1 | 2.7 |
| 8/4/2009 | 11.2 | 11.0 | 10.9 | 10.8 | 10.8 | 10.7 | 10.7 | 10.6 | 10.6 | 10.7 | 10.8 | 11.2 | 11.8 | 12.4 | 12.8 | 12.9 | 12.9 | 12.7 | 12.3 | 12.0 | 11.7 | 11.5 | 11.3 | 11.2 | 11.5 | 10.6 | 12.9 | 2.3 |
| 8/5/2009 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 | 10.7 | 10.6 | 10.6 | 10.7 | 10.8 | 11.0 | 11.3 | 11.7 | 12.3 | 12.5 | 12.4 | 12.2 | 12.2 | 12.0 | 11.7 | 11.5 | 11.3 | 11.2 | 11.0 | 11.3 | 10.6 | 12.5 | 1.9 |
| 8/6/2009 | 10.9 | 10.8 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.6 | 10.7 | 10.8 | 11.0 | 11.3 | 11.4 | 11.4 | 11.4 | 11.3 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.7 | 10.9 | 10.5 | 11.4 | 0.9 |
| 8/7/2009 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.3 | 10.5 | 10.8 | 11.4 | 12.0 | 12.3 | 12.2 | 12.1 | 11.8 | 11.6 | 11.5 | 11.3 | 11.1 | 11.0 | 10.9 | 11.0 | 10.2 | 12.3 | 2.1 |
| 8/8/2009 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.3 | 10.3 | 10.5 | 10.7 | 11.0 | 11.6 | 12.2 | 12.7 | 12.9 | 13.0 | 12.8 | 12.3 | 12.0 | 11.8 | 11.6 | 11.4 | 11.3 | 11.3 | 10.3 | 13.0 | 2.7 |
| 8/9/2009 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.6 | 10.8 | 11.1 | 11.7 | 12.4 | 12.8 | 13.1 | 13.2 | 12.9 | 12.6 | 12.2 | 12.0 | 11.7 | 11.5 | 11.4 | 11.5 | 10.5 | 13.2 | 2.6 |
| 8/10/2009 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.8 | 10.8 | 10.9 | 10.9 | 11.1 | 11.3 | 11.8 | 12.4 | 13.0 | 13.4 | 13.5 | 13.3 | 12.8 | 12.4 | 12.1 | 11.9 | 11.7 | 11.5 | 11.8 | 10.8 | 13.5 | 2.7 |
| 8/11/2009 | 11.3 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 11.0 | 11.1 | 11.3 | 11.7 | 12.4 | 12.8 | 13.1 | 13.2 | 13.1 | 12.6 | 12.2 | 11.9 | 11.7 | 11.5 | 11.4 | 11.7 | 10.9 | 13.2 | 2.3 |
| 8/12/2009 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 | 10.7 | 10.7 | 10.7 | 10.8 | 11.0 | 11.3 | 11.7 | 12.2 | 12.7 | 13.1 | 13.2 | 13.0 | 12.7 | 12.3 | 12.0 | 11.8 | 11.5 | 11.4 | 11.6 | 10.7 | 13.2 | 2.5 |
| 8/13/2009 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 | 10.6 | 10.7 | 10.7 | 10.9 | 11.4 | 12.0 | 12.6 | 12.8 | 12.9 | 12.8 | 12.3 | 11.9 | 11.6 | 11.4 | 11.2 | 11.1 | 11.4 | 10.6 | 12.9 | 2.3 |
| 8/14/2009 | 11.0 | 10.9 | 10.8 | 10.8 | 10.7 | 10.7 | 10.6 | 10.6 | 10.6 | 10.8 | 11.0 | 11.2 | 11.7 | 12.4 | 12.8 | 13.1 | 13.2 | 13.0 | 12.5 | 12.1 | 11.8 | 11.6 | 11.4 | 11.2 | 11.5 | 10.6 | 13.2 | 2.6 |
| 8/15/2009 | 11.1 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.4 | 10.7 | 10.9 | 11.3 | 12.0 | 12.5 | 12.8 | 13.0 | 12.9 | 12.4 | 12.0 | 11.8 | 11.6 | 11.4 | 11.2 | 11.4 | 10.3 | 13.0 | 2.7 |
| 8/16/2009 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.6 | 10.9 | 11.0 | 11.5 | 12.1 | 12.6 | 13.0 | 13.1 | 13.0 | 12.6 | 12.2 | 11.9 | 11.7 | 11.5 | 11.4 | 11.5 | 10.5 | 13.1 | 2.6 |
| 8/17/2009 | 11.2 | 11.1 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.7 | 10.7 | 10.8 | 11.0 | 11.2 | 11.6 | 12.3 | 12.8 | 13.1 | 13.2 | 13.0 | 12.7 | 12.3 | 12.0 | 11.8 | 11.6 | 11.5 | 11.6 | 10.7 | 13.2 | 2.5 |
| 8/18/2009 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.9 | 11.2 | 11.4 | 11.8 | 12.5 | 13.0 | 13.3 | 13.4 | 13.3 | 12.8 | 12.5 | 12.2 | 11.9 | 11.8 | 11.6 | 11.8 | 10.8 | 13.4 | 2.6 |
| 8/19/2009 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 11.0 | 11.1 | 11.3 | 11.4 | 11.9 | 12.5 | 13.0 | 13.4 | 13.4 | 13.3 | 12.9 | 12.5 | 12.3 | 12.0 | 11.9 | 11.7 | 11.9 | 11.0 | 13.4 | 2.4 |
| 8/20/2009 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.1 | 11.1 | 11.0 | 11.2 | 11.3 | 11.4 | 12.0 | 12.7 | 13.2 | 13.5 | 13.5 | 13.3 | 12.9 | 12.5 | 12.2 | 12.0 | 11.8 | 11.7 | 11.9 | 11.0 | 13.5 | 2.5 |
| 8/21/2009 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.1 | 11.2 | 11.4 | 11.5 | 12.0 | 12.7 | 13.2 | 13.5 | 13.5 | 13.2 | 12.8 | 12.4 | 12.2 | 11.9 | 11.7 | 11.6 | 11.9 | 11.1 | 13.5 | 2.4 |
| 8/22/2009 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.4 | 11.5 | 12.0 | 12.4 | 12.6 | 12.7 | 12.8 | 12.8 | 12.5 | 12.2 | 12.1 | 11.9 | 11.7 | 11.6 | 11.8 | 11.1 | 12.8 | 1.7 |
| 8/23/2009 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.4 | 11.5 | 11.6 | 11.8 | 12.0 | 12.3 | 12.4 | 12.6 | 12.8 | 12.8 | 12.4 | 12.1 | 11.9 | 11.7 | 11.6 | 11.5 | 11.8 | 11.3 | 12.8 | 1.5 |
| 8/24/2009 | 11.4 | 11.3 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 11.0 | 11.2 | 11.4 | 11.9 | 12.5 | 13.1 | 13.3 | 13.2 | 13.0 | 12.6 | 12.3 | 12.0 | 11.9 | 11.7 | 11.5 | 11.8 | 10.9 | 13.3 | 2.4 |
| 8/25/2009 | 11.4 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.9 | 10.9 | 11.0 | 11.2 | 11.3 | 12.1 | 12.6 | 13.0 | 13.2 | 13.2 | 12.9 | 12.5 | 12.2 | 12.0 | 11.8 | 11.6 | 11.5 | 11.7 | 10.9 | 13.2 | 2.3 |
| 8/26/2009 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 10.9 | 11.1 | 11.2 | 11.8 | 12.5 | 13.0 | 13.2 | 13.2 | 12.9 | 12.5 | 12.2 | 12.0 | 11.8 | 11.6 | 11.4 | 11.7 | 10.9 | 13.2 | 2.3 |
| 8/27/2009 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.9 | 11.1 | 11.3 | 11.7 | 12.4 | 13.0 | 13.2 | 13.1 | 12.8 | 12.5 | 12.2 | 12.0 | 11.8 | 11.6 | 11.5 | 11.7 | 10.8 | 13.2 | 2.4 |
| 8/28/2009 | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 11.1 | 11.2 | 11.3 | 11.5 | 11.7 | 12.2 | 12.6 | 12.9 | 12.7 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.6 | 11.5 | 11.7 | 11.0 | 12.9 | 1.9 |
| 8/29/2009 | 11.4 | 11.3 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.3 | 11.4 | 11.9 | 12.6 | 13.1 | 13.4 | 13.4 | 13.1 | 12.8 | 12.5 | 12.3 | 12.0 | 11.9 | 11.8 | 11.9 | 11.0 | 13.4 | 2.4 |
| 8/30/2009 | 11.7 | 11.5 | 11.5 | 11.4 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.5 | 11.6 | 12.2 | 12.8 | 13.3 | 13.5 | 13.4 | 13.1 | 12.7 | 12.4 | 12.1 | 12.0 | 11.8 | 11.6 | 12.0 | 11.2 | 13.5 | 2.3 |
| 8/31/2009 | 11.5 | 11.5 | 11.4 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.3 | 11.5 | 11.7 | 12.3 | 12.8 | 13.3 | 13.5 | 13.5 | 13.1 | 12.7 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 12.0 | 11.2 | 13.5 | 2.3 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 10.9 | Minimum | 10.2 |
| Mean Daily Mean | 11.6 | Mean Minimum | 10.8 |
| Maximum Daily Mean | 12.0 | | |
| | | Maximum | 13.5 |
| Minumum Range | 0.9 | Mean Maximum | 13.0 |
| Maximum Range | 2.7 | | |
| | | Mean Range | 2.3 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork North Fork MokelumneRiver below Salt Springs Reservoir**
**Station NFMR2**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.1 | 11.2 | 11.3 | 11.7 | 12.4 | 12.8 | 13.1 | 12.8 | 12.5 | 12.1 | 11.9 | 11.6 | 11.4 | 11.3 | 11.2 | 11.7 | 11.1 | 13.1 | 2.0 |
| 9/2/2009 | 11.1 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.1 | 11.4 | 11.6 | 12.0 | 12.6 | 12.8 | 12.9 | 12.9 | 12.7 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 11.6 | 11.7 | 11.0 | 12.9 | 1.9 |
| 9/3/2009 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.3 | 11.5 | 11.6 | 12.0 | 12.6 | 13.1 | 13.3 | 13.3 | 12.9 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.6 | 11.9 | 11.2 | 13.3 | 2.1 |
| 9/4/2009 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.5 | 11.6 | 12.0 | 12.6 | 13.1 | 13.3 | 13.2 | 12.9 | 12.4 | 12.1 | 11.9 | 11.8 | 11.6 | 11.5 | 11.9 | 11.2 | 13.3 | 2.1 |
| 9/5/2009 | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.1 | 11.0 | 11.0 | 11.1 | 11.3 | 11.4 | 11.8 | 12.4 | 12.8 | 13.0 | 12.9 | 12.6 | 12.2 | 11.9 | 11.8 | 11.7 | 11.5 | 11.4 | 11.7 | 11.0 | 13.0 | 2.0 |
| 9/6/2009 | 11.3 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 11.1 | 11.2 | 11.6 | 12.2 | 12.7 | 12.9 | 12.9 | 12.6 | 12.2 | 12.0 | 11.8 | 11.7 | 11.5 | 11.4 | 11.6 | 10.9 | 12.9 | 2.0 |
| 9/7/2009 | 11.3 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 11.0 | 11.0 | 11.2 | 11.2 | 11.6 | 12.2 | 12.7 | 12.9 | 12.8 | 12.5 | 12.2 | 11.9 | 11.8 | 11.6 | 11.5 | 11.4 | 11.6 | 10.9 | 12.9 | 2.0 |
| 9/8/2009 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 10.9 | 11.1 | 11.2 | 11.6 | 12.1 | 12.7 | 12.9 | 12.9 | 12.6 | 12.2 | 12.0 | 11.8 | 11.7 | 11.6 | 11.5 | 11.6 | 10.9 | 12.9 | 2.0 |
| 9/9/2009 | 11.4 | 11.4 | 11.3 | 11.3 | 11.2 | 11.1 | 11.1 | 11.1 | 11.1 | 11.2 | 11.3 | 11.5 | 11.9 | 12.5 | 12.9 | 13.2 | 13.1 | 12.8 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 11.6 | 11.8 | 11.1 | 13.2 | 2.1 |
| 9/10/2009 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.5 | 11.7 | 12.0 | 12.5 | 13.1 | 13.3 | 13.2 | 12.9 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.7 | 11.9 | 11.3 | 13.3 | 2.0 |
| 9/11/2009 | 11.7 | 11.6 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.5 | 11.6 | 12.0 | 12.6 | 13.2 | 13.2 | 13.0 | 12.8 | 12.4 | 12.2 | 12.0 | 11.9 | 11.8 | 11.7 | 12.0 | 11.4 | 13.2 | 1.8 |
| 9/12/2009 | 11.7 | 11.7 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.5 | 11.6 | 11.6 | 11.7 | 11.7 | 12.0 | 12.3 | 12.4 | 12.5 | 12.5 | 12.5 | 12.3 | 12.2 | 12.0 | 11.9 | 11.8 | 11.7 | 11.9 | 11.5 | 12.5 | 1.0 |
| 9/13/2009 | 11.6 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.4 | 11.5 | 11.6 | 11.8 | 12.4 | 12.7 | 12.7 | 12.6 | 12.3 | 12.2 | 12.0 | 11.8 | 11.7 | 11.6 | 11.5 | 11.8 | 11.3 | 12.7 | 1.4 |
| 9/14/2009 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.3 | 11.4 | 11.5 | 11.8 | 12.0 | 12.0 | 12.0 | 12.1 | 12.0 | 11.9 | 11.8 | 11.6 | 11.6 | 11.5 | 11.5 | 11.2 | 12.1 | 0.9 |
| 9/15/2009 | 11.4 | 11.3 | 11.3 | 11.2 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 11.0 | 11.2 | 11.6 | 12.2 | 12.7 | 13.0 | 12.9 | 12.7 | 12.4 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 10.9 | 13.0 | 2.1 |
| 9/16/2009 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.2 | 11.3 | 11.4 | 11.8 | 12.3 | 12.9 | 13.1 | 13.1 | 12.8 | 12.5 | 12.3 | 12.2 | 12.0 | 11.9 | 11.9 | 11.9 | 11.2 | 13.1 | 1.9 |
| 9/17/2009 | 11.8 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.5 | 11.5 | 11.6 | 12.0 | 12.4 | 12.9 | 13.2 | 13.1 | 12.9 | 12.6 | 12.4 | 12.2 | 12.1 | 12.0 | 11.9 | 12.0 | 11.4 | 13.2 | 1.7 |
| 9/18/2009 | 11.9 | 11.8 | 11.8 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.5 | 11.5 | 11.6 | 11.7 | 12.1 | 12.6 | 13.1 | 13.3 | 13.2 | 12.9 | 12.6 | 12.3 | 12.1 | 12.0 | 11.9 | 11.8 | 12.1 | 11.5 | 13.3 | 1.8 |
| 9/19/2009 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.6 | 11.7 | 11.8 | 12.1 | 12.5 | 12.8 | 13.1 | 13.1 | 12.8 | 12.4 | 12.2 | 12.0 | 11.9 | 11.8 | 11.8 | 12.0 | 11.5 | 13.1 | 1.6 |
| 9/20/2009 | 11.7 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.4 | 11.3 | 11.4 | 11.4 | 11.6 | 12.0 | 12.4 | 12.9 | 13.1 | 13.1 | 12.7 | 12.4 | 12.2 | 12.0 | 11.9 | 11.8 | 11.8 | 11.9 | 11.3 | 13.1 | 1.8 |
| 9/21/2009 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.6 | 12.1 | 12.5 | 13.1 | 13.2 | 13.1 | 12.8 | 12.5 | 12.2 | 12.0 | 11.9 | 11.8 | 11.7 | 12.0 | 11.4 | 13.2 | 1.8 |
| 9/22/2009 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 11.0 | 11.0 | 11.0 | 11.0 | 11.1 | 11.3 | 11.9 | 12.3 | 12.9 | 13.1 | 13.0 | 12.7 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.7 | 11.8 | 11.0 | 13.1 | 2.1 |
| 9/23/2009 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.1 | 11.1 | 11.1 | 11.1 | 11.2 | 11.3 | 11.8 | 12.3 | 12.9 | 13.1 | 13.1 | 12.8 | 12.5 | 12.2 | 12.0 | 11.9 | 11.8 | 11.7 | 11.8 | 11.1 | 13.1 | 2.0 |
| 9/24/2009 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.1 | 11.1 | 11.2 | 11.3 | 11.7 | 12.3 | 12.8 | 13.0 | 13.0 | 12.7 | 12.4 | 12.2 | 12.1 | 11.9 | 11.8 | 11.7 | 11.8 | 11.1 | 13.0 | 1.9 |
| 9/25/2009 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.4 | 11.8 | 12.3 | 12.9 | 13.1 | 13.1 | 12.8 | 12.5 | 12.3 | 12.1 | 12.0 | 11.9 | 11.8 | 11.9 | 11.2 | 13.1 | 1.9 |
| 9/26/2009 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.3 | 11.4 | 11.9 | 12.4 | 13.0 | 13.2 | 13.1 | 12.8 | 12.5 | 12.3 | 12.2 | 12.0 | 11.9 | 11.8 | 11.9 | 11.2 | 13.2 | 2.0 |
| 9/27/2009 | 11.7 | 11.6 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.3 | 11.4 | 11.8 | 12.4 | 12.9 | 13.1 | 13.1 | 12.8 | 12.5 | 12.3 | 12.1 | 12.0 | 11.9 | 11.8 | 11.9 | 11.2 | 13.1 | 1.9 |
| 9/28/2009 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.4 | 11.5 | 11.9 | 12.3 | 12.6 | 12.8 | 12.7 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 11.7 | 11.5 | 11.8 | 11.3 | 12.8 | 1.5 |
| 9/29/2009 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.3 | 12.4 | 11.3 | 11.3 | 11.3 | 11.4 | 11.6 | 11.7 | 11.5 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.7 | 11.3 | 10.7 | 12.4 | 1.7 |
| 9/30/2009 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.6 | 10.9 | 11.5 | 12.0 | 12.2 | 12.2 | 11.9 | 11.7 | 11.5 | 11.3 | 11.1 | 10.8 | 10.7 | 11.0 | 10.3 | 12.2 | 1.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 11.0 | Minimum | 10.3 |
| Mean Daily Mean | 11.8 | Mean Minimum | 11.1 |
| Maximum Daily Mean | 12.1 | | |
| | | Maximum | 13.3 |
| Minumum Range | 0.9 | Mean Maximum | 13.0 |
| Maximum Range | 2.1 | | |
| | | Mean Range | 1.8 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek below Project Diversion**
**Station CC0**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 9.7 | 9.3 | 9.0 | 8.6 | 8.2 | 7.8 | 7.5 | 7.2 | 6.9 | 7.0 | 7.2 | 7.4 | 7.9 | 8.4 | 8.8 | 9.1 | 9.3 | 9.4 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 8.5 | 6.9 | 9.7 | 2.8 |
| 6/2/2009 | 9.3 | 9.3 | 9.3 | 9.2 | 8.9 | 8.7 | 8.4 | 8.3 | 8.2 | 8.2 | 8.3 | 8.6 | 8.8 | 9.0 | 9.3 | 9.6 | 9.8 | 9.8 | 9.7 | 9.4 | 9.1 | 8.8 | 8.6 | 8.6 | 9.0 | 8.2 | 9.8 | 1.6 |
| 6/3/2009 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.8 | 7.7 | 7.7 | 7.8 | 7.9 | 8.2 | 8.5 | 8.8 | 8.8 | 8.8 | 8.7 | 8.7 | 8.8 | 8.8 | 8.7 | 8.6 | 8.5 | 8.3 | 8.4 | 7.7 | 8.8 | 1.1 |
| 6/4/2009 | 8.2 | 8.2 | 8.1 | 8.1 | 7.9 | 7.8 | 7.6 | 7.5 | 7.5 | 7.6 | 7.6 | 8.0 | 8.5 | 9.1 | 9.4 | 9.3 | 9.0 | 8.8 | 8.6 | 8.5 | 8.6 | 8.5 | 8.4 | 8.3 | 8.3 | 7.5 | 9.4 | 1.9 |
| 6/5/2009 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 7.6 | 7.4 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 6.1 | 5.9 | 7.0 | 5.9 | 8.2 | 2.3 |
| 6/6/2009 | 5.7 | 5.5 | 5.3 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.2 | 6.2 | 6.1 | 6.0 | 6.0 | 5.9 | 5.7 | 5.1 | 6.2 | 1.1 |
| 6/7/2009 | 5.9 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.2 | 5.3 | 5.7 | 6.5 | 7.4 | 8.3 | 8.8 | 9.0 | 8.8 | 8.8 | 8.6 | 8.5 | 8.3 | 8.2 | 7.9 | 7.7 | 7.0 | 5.2 | 9.0 | 3.8 |
| 6/8/2009 | 7.5 | 7.2 | 7.0 | 6.8 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 | 6.5 | 6.9 | 7.6 | 8.6 | 9.7 | 10.7 | 11.0 | 11.2 | 11.2 | 11.1 | 10.7 | 10.4 | 10.2 | 10.0 | 9.7 | 8.6 | 6.3 | 11.2 | 4.9 |
| 6/9/2009 | 9.3 | 9.0 | 8.7 | 8.5 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.5 | 8.8 | 9.3 | 10.1 | 10.9 | 11.6 | 12.2 | 12.4 | 12.4 | 12.1 | 11.6 | 11.2 | 10.9 | 10.6 | 10.3 | 10.0 | 8.3 | 12.4 | 4.1 |
| 6/10/2009 | 10.1 | 9.7 | 9.4 | 9.2 | 9.1 | 8.9 | 8.8 | 8.7 | 8.7 | 8.7 | 8.9 | 9.3 | 9.9 | 10.6 | 11.4 | 12.0 | 12.2 | 12.1 | 11.7 | 11.3 | 10.9 | 10.6 | 10.4 | 10.1 | 10.1 | 8.7 | 12.2 | 3.5 |
| 6/11/2009 | 9.8 | 9.4 | 9.1 | 8.8 | 8.5 | 8.3 | 8.1 | 7.9 | 7.8 | 7.9 | 8.2 | 8.8 | 9.4 | 9.9 | 10.3 | 10.7 | 10.9 | 10.8 | 10.6 | 10.3 | 10.0 | 9.7 | 9.5 | 9.2 | 9.3 | 7.8 | 10.9 | 3.1 |
| 6/12/2009 | 9.0 | 8.7 | 8.5 | 8.2 | 7.9 | 7.7 | 7.5 | 7.3 | 7.3 | 7.4 | 7.8 | 8.5 | 9.5 | 10.5 | 11.0 | 11.2 | 11.6 | 11.6 | 11.3 | 11.1 | 10.8 | 10.5 | 10.2 | 10.0 | 9.4 | 7.3 | 11.6 | 4.3 |
| 6/13/2009 | 9.8 | 9.7 | 9.5 | 9.3 | 9.1 | 8.9 | 8.8 | 8.6 | 8.6 | 8.7 | 9.0 | 9.4 | 9.8 | 10.3 | 10.5 | 10.6 | 10.6 | 10.7 | 10.6 | 10.5 | 10.3 | 10.1 | 9.8 | 9.5 | 9.7 | 8.6 | 10.7 | 2.1 |
| 6/14/2009 | 9.3 | 9.0 | 8.7 | 8.4 | 8.2 | 7.9 | 7.7 | 7.5 | 7.4 | 7.5 | 7.8 | 8.3 | 9.1 | 9.7 | 10.1 | 10.8 | 11.2 | 11.2 | 10.9 | 10.5 | 10.2 | 10.0 | 9.7 | 9.5 | 9.2 | 7.4 | 11.2 | 3.8 |
| 6/15/2009 | 9.3 | 9.0 | 8.7 | 8.4 | 8.1 | 7.9 | 7.7 | 7.5 | 7.5 | 7.6 | 8.0 | 8.6 | 9.4 | 10.3 | 11.1 | 11.6 | 11.9 | 12.1 | 12.1 | 11.9 | 11.5 | 11.2 | 10.9 | 10.7 | 9.7 | 7.5 | 12.1 | 4.6 |
| 6/16/2009 | 10.4 | 10.2 | 10.0 | 9.8 | 9.6 | 9.4 | 9.2 | 9.0 | 8.9 | 9.0 | 9.3 | 9.8 | 10.4 | 11.1 | 11.7 | 12.0 | 12.1 | 12.0 | 11.8 | 11.6 | 11.4 | 11.2 | 10.9 | 10.7 | 10.5 | 8.9 | 12.1 | 3.2 |
| 6/17/2009 | 10.3 | 10.0 | 9.8 | 9.7 | 9.6 | 9.5 | 9.3 | 9.2 | 9.2 | 9.2 | 9.6 | 10.2 | 11.1 | 12.2 | 12.7 | 13.2 | 13.9 | 14.0 | 13.6 | 13.1 | 12.7 | 12.3 | 11.9 | 11.6 | 11.2 | 9.2 | 14.0 | 4.8 |
| 6/18/2009 | 11.3 | 10.9 | 10.6 | 10.3 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 10.0 | 10.4 | 11.1 | 12.1 | 13.3 | 14.4 | 15.4 | 16.0 | 16.1 | 15.8 | 15.2 | 14.7 | 14.2 | 13.7 | 13.3 | 12.4 | 9.8 | 16.1 | 6.3 |
| 6/19/2009 | 13.1 | 12.7 | 12.3 | 11.9 | 11.6 | 11.3 | 11.0 | 10.8 | 10.7 | 10.9 | 11.2 | 11.9 | 12.8 | 14.1 | 15.2 | 16.2 | 16.5 | 16.3 | 16.1 | 15.7 | 15.1 | 14.7 | 14.3 | 13.9 | 13.4 | 10.7 | 16.5 | 5.8 |
| 6/20/2009 | 13.6 | 13.2 | 12.8 | 12.5 | 12.1 | 11.7 | 11.4 | 11.1 | 10.8 | 10.7 | 10.9 | 11.4 | 12.2 | 13.3 | 14.3 | 14.9 | 15.3 | 15.2 | 15.0 | 14.6 | 14.2 | 13.8 | 13.3 | 12.9 | 13.0 | 10.7 | 15.3 | 4.5 |
| 6/21/2009 | 12.6 | 12.4 | 12.1 | 11.8 | 11.6 | 11.3 | 11.1 | 10.8 | 10.6 | 10.5 | 10.6 | 11.0 | 11.6 | 12.7 | 13.8 | 14.9 | 15.6 | 15.7 | 15.4 | 14.9 | 14.4 | 13.9 | 13.3 | 12.9 | 12.7 | 10.5 | 15.7 | 5.2 |
| 6/22/2009 | 12.5 | 12.1 | 11.9 | 11.6 | 11.4 | 11.1 | 10.9 | 10.7 | 10.5 | 10.5 | 10.8 | 11.3 | 12.3 | 13.6 | 14.9 | 16.1 | 16.7 | 16.8 | 16.6 | 16.0 | 15.5 | 15.0 | 14.5 | 14.0 | 13.2 | 10.5 | 16.8 | 6.3 |
| 6/23/2009 | 13.5 | 13.2 | 13.0 | 12.7 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.9 | 12.1 | 12.7 | 13.6 | 14.9 | 16.3 | 17.4 | 18.1 | 18.2 | 17.9 | 17.2 | 16.6 | 16.2 | 15.7 | 15.2 | 14.5 | 11.8 | 18.2 | 6.4 |
| 6/24/2009 | 14.8 | 14.4 | 14.1 | 13.8 | 13.5 | 13.3 | 13.0 | 12.8 | 12.6 | 12.7 | 13.2 | 13.6 | 14.6 | 15.9 | 17.2 | 18.4 | 19.1 | 19.2 | 18.8 | 18.2 | 17.6 | 17.1 | 16.6 | 16.1 | 15.4 | 12.6 | 19.2 | 6.5 |
| 6/25/2009 | 15.6 | 15.1 | 14.7 | 14.3 | 14.0 | 13.7 | 13.3 | 13.1 | 13.0 | 13.0 | 13.3 | 13.8 | 14.7 | 15.9 | 17.3 | 18.4 | 19.1 | 19.2 | 19.0 | 18.4 | 17.9 | 17.4 | 16.9 | 16.4 | 15.7 | 13.0 | 19.2 | 6.2 |
| 6/26/2009 | 15.9 | 15.4 | 14.9 | 14.5 | 14.1 | 13.7 | 13.4 | 13.1 | 12.9 | 13.0 | 13.2 | 13.7 | 14.5 | 15.7 | 17.1 | 18.3 | 19.2 | 19.5 | 19.4 | 18.9 | 18.3 | 17.8 | 17.3 | 16.9 | 15.9 | 12.9 | 19.5 | 6.6 |
| 6/27/2009 | 16.4 | 15.9 | 15.5 | 15.1 | 14.8 | 14.6 | 14.3 | 14.2 | 14.0 | 14.1 | 14.3 | 14.8 | 15.5 | 16.6 | 17.9 | 19.2 | 20.1 | 20.5 | 20.5 | 20.1 | 19.5 | 18.9 | 18.4 | 18.0 | 16.8 | 14.0 | 20.5 | 6.4 |
| 6/28/2009 | 17.5 | 17.0 | 16.5 | 16.1 | 15.7 | 15.4 | 15.1 | 14.8 | 14.6 | 14.7 | 14.9 | 15.4 | 16.0 | 17.1 | 18.5 | 19.7 | 20.7 | 21.2 | 21.1 | 20.6 | 20.1 | 19.5 | 19.0 | 18.5 | 17.5 | 14.6 | 21.2 | 6.5 |
| 6/29/2009 | 18.0 | 17.5 | 17.0 | 16.5 | 16.1 | 15.8 | 15.4 | 15.1 | 14.9 | 14.9 | 15.1 | 15.5 | 16.1 | 17.1 | 18.3 | 19.6 | 20.5 | 21.1 | 21.2 | 20.8 | 20.2 | 19.6 | 19.0 | 18.5 | 17.7 | 14.9 | 21.2 | 6.3 |
| 6/30/2009 | 18.0 | 17.5 | 17.0 | 16.6 | 16.1 | 15.7 | 15.3 | 15.0 | 14.9 | 15.0 | 15.2 | 15.4 | 15.6 | 15.8 | 16.0 | 16.2 | 16.7 | 17.2 | 17.5 | 17.6 | 17.4 | 17.2 | 16.8 | 16.5 | 16.3 | 14.9 | 18.0 | 3.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 5.7 | Minimum | 5.1 |
| Mean Daily Mean | 11.5 | Mean Minimum | 9.6 |
| Maximum Daily Mean | 17.7 | | |
| | | Maximum | 21.2 |
| Minumum Range | 1.1 | Mean Maximum | 13.9 |
| Maximum Range | 6.6 | | |
| | | Mean Range | 4.3 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek below Project Diversion**
**Station CC0**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 16.2 | 15.9 | 15.6 | 15.2 | 14.9 | 14.6 | 14.2 | 14.0 | 13.8 | 13.8 | 14.0 | 14.4 | 15.0 | 15.8 | 17.0 | 18.1 | 19.1 | 19.9 | 20.2 | 20.1 | 19.7 | 19.2 | 18.6 | 18.1 | 16.6 | 13.8 | 20.2 | 6.4 |
| 7/2/2009 | 17.5 | 17.1 | 16.6 | 16.1 | 15.6 | 15.2 | 14.8 | 14.5 | 14.3 | 14.3 | 14.5 | 14.8 | 15.4 | 16.1 | 17.0 | 17.9 | 18.8 | 19.4 | 19.7 | 19.7 | 19.4 | 19.0 | 18.5 | 17.9 | 16.8 | 14.3 | 19.7 | 5.4 |
| 7/3/2009 | 17.4 | 17.0 | 16.5 | 16.1 | 15.7 | 15.3 | 14.9 | 14.5 | 14.2 | 14.1 | 14.2 | 14.5 | 15.0 | 15.7 | 16.6 | 17.5 | 18.4 | 19.0 | 19.3 | 19.4 | 19.2 | 18.9 | 18.4 | 17.8 | 16.7 | 14.1 | 19.4 | 5.3 |
| 7/4/2009 | 17.2 | 16.7 | 16.3 | 15.9 | 15.5 | 15.1 | 14.7 | 14.4 | 14.1 | 14.0 | 14.2 | 14.5 | 15.0 | 15.7 | 16.5 | 17.4 | 18.3 | 18.9 | 19.2 | 19.4 | 19.3 | 19.0 | 18.7 | 18.2 | 16.6 | 14.0 | 19.4 | 5.4 |
| 7/5/2009 | 17.7 | 17.2 | 16.7 | 16.2 | 15.8 | 15.4 | 15.1 | 14.7 | 14.4 | 14.3 | 14.4 | 14.7 | 15.3 | 16.0 | 16.8 | 17.5 | 18.3 | 18.8 | 19.1 | 19.2 | 19.1 | 18.8 | 18.5 | 18.0 | 16.8 | 14.3 | 19.2 | 4.9 |
| 7/6/2009 | 17.6 | 17.1 | 16.6 | 16.1 | 15.7 | 15.3 | 14.9 | 14.6 | 14.3 | 14.1 | 14.2 | 14.4 | 15.0 | 15.6 | 16.3 | 17.0 | 17.6 | 18.2 | 18.4 | 18.5 | 18.4 | 18.2 | 17.8 | 17.4 | 16.4 | 14.1 | 18.5 | 4.4 |
| 7/7/2009 | 16.9 | 16.4 | 15.9 | 15.4 | 15.0 | 14.5 | 14.1 | 13.7 | 13.4 | 13.3 | 13.3 | 13.5 | 14.1 | 14.7 | 15.4 | 16.0 | 16.7 | 17.1 | 17.4 | 17.4 | 17.4 | 17.2 | 16.9 | 16.5 | 15.5 | 13.3 | 17.4 | 4.2 |
| 7/8/2009 | 16.2 | 15.7 | 15.3 | 14.8 | 14.4 | 13.9 | 13.5 | 13.2 | 12.9 | 12.8 | 12.9 | 13.1 | 13.7 | 14.3 | 15.0 | 15.7 | 16.2 | 16.7 | 16.9 | 17.1 | 17.0 | 16.9 | 16.7 | 16.4 | 15.1 | 12.8 | 17.1 | 4.2 |
| 7/9/2009 | 16.1 | 15.7 | 15.3 | 14.9 | 14.5 | 14.1 | 13.7 | 13.4 | 13.1 | 13.0 | 13.1 | 13.3 | 13.9 | 14.5 | 15.2 | 15.8 | 16.3 | 16.6 | 16.9 | 17.0 | 17.0 | 16.9 | 16.6 | 16.3 | 15.1 | 13.0 | 17.0 | 4.0 |
| 7/10/2009 | 16.0 | 15.7 | 15.4 | 15.0 | 14.6 | 14.2 | 13.8 | 13.5 | 13.3 | 13.3 | 13.3 | 13.7 | 14.2 | 14.8 | 15.6 | 16.2 | 16.5 | 16.7 | 16.9 | 16.9 | 16.8 | 16.7 | 16.4 | 16.0 | 15.2 | 13.3 | 16.9 | 3.7 |
| 7/11/2009 | 15.6 | 15.4 | 15.2 | 15.0 | 14.7 | 14.3 | 14.1 | 13.9 | 14.0 | 14.1 | 14.1 | 14.5 | 15.1 | 15.6 | 16.4 | 16.6 | 16.3 | 16.5 | 16.5 | 16.1 | 16.2 | 15.8 | 15.5 | 15.3 | 15.3 | 13.9 | 16.6 | 2.8 |
| 7/12/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/13/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/14/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/15/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/16/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/17/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/18/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/19/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/20/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/21/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/22/2009 | 18.4 | 18.0 | 17.6 | 17.4 | 17.1 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 16.4 | 16.9 | 17.6 | 18.6 | 19.6 | 20.4 | 20.8 | 20.9 | 20.7 | 20.5 | 20.2 | 19.7 | 19.3 | 18.9 | 18.4 | 16.1 | 20.9 | 4.8 |
| 7/23/2009 | 18.6 | 18.2 | 17.9 | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.9 | 16.8 | 17.1 | 17.6 | 18.3 | 19.2 | 20.1 | 20.4 | 20.7 | 20.5 | 20.3 | 20.3 | 20.2 | 19.9 | 19.7 | 19.4 | 18.7 | 16.8 | 20.7 | 3.9 |
| 7/24/2009 | 19.1 | 18.9 | 18.6 | 18.4 | 18.1 | 17.9 | 17.7 | 17.5 | 17.3 | 17.3 | 17.5 | 18.1 | 18.6 | 19.5 | 20.3 | 21.1 | 21.6 | 21.6 | 21.5 | 21.2 | 20.8 | 20.4 | 19.9 | 19.5 | 19.3 | 17.3 | 21.6 | 4.3 |
| 7/25/2009 | 19.0 | 18.6 | 18.2 | 17.9 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 16.7 | 17.0 | 17.5 | 18.2 | 18.9 | 20.0 | 20.8 | 21.4 | 21.4 | 21.3 | 21.0 | 20.6 | 20.1 | 19.7 | 19.2 | 18.9 | 16.7 | 21.4 | 4.7 |
| 7/26/2009 | 18.7 | 18.3 | 17.9 | 17.6 | 17.3 | 17.1 | 16.8 | 16.6 | 16.5 | 16.4 | 16.7 | 17.3 | 18.0 | 18.8 | 19.7 | 20.5 | 21.1 | 21.3 | 21.2 | 21.1 | 20.8 | 20.3 | 19.8 | 19.4 | 18.7 | 16.4 | 21.3 | 4.9 |
| 7/27/2009 | 18.8 | 18.3 | 17.9 | 17.5 | 17.2 | 16.9 | 16.7 | 16.5 | 16.3 | 16.3 | 16.6 | 17.1 | 17.8 | 18.6 | 19.5 | 20.5 | 21.3 | 21.4 | 21.2 | 21.1 | 20.8 | 20.4 | 19.9 | 19.5 | 18.7 | 16.3 | 21.4 | 5.1 |
| 7/28/2009 | 19.0 | 18.6 | 18.2 | 17.8 | 17.5 | 17.2 | 17.0 | 16.8 | 16.7 | 16.7 | 17.0 | 17.6 | 18.3 | 19.1 | 20.1 | 21.0 | 21.6 | 21.6 | 21.6 | 21.5 | 21.2 | 20.8 | 20.4 | 20.0 | 19.1 | 16.7 | 21.6 | 4.9 |
| 7/29/2009 | 19.6 | 19.2 | 18.8 | 18.4 | 18.1 | 17.8 | 17.6 | 17.4 | 17.2 | 17.2 | 17.4 | 18.0 | 18.6 | 19.4 | 20.4 | 21.2 | 21.7 | 21.9 | 21.9 | 21.8 | 21.6 | 21.3 | 20.9 | 20.5 | 19.5 | 17.2 | 21.9 | 4.7 |
| 7/30/2009 | 20.1 | 19.6 | 19.2 | 18.8 | 18.5 | 18.2 | 17.9 | 17.7 | 17.5 | 17.5 | 17.7 | 18.3 | 19.0 | 19.7 | 20.5 | 21.3 | 22.0 | 22.1 | 21.9 | 21.8 | 21.6 | 21.3 | 20.9 | 20.4 | 19.7 | 17.5 | 22.1 | 4.6 |
| 7/31/2009 | 19.9 | 19.5 | 19.0 | 18.6 | 18.3 | 18.0 | 17.7 | 17.5 | 17.3 | 17.3 | 17.5 | 18.0 | 18.5 | 19.3 | 20.0 | 20.7 | 21.2 | 21.2 | 21.2 | 21.1 | 21.0 | 20.8 | 20.5 | 20.1 | 19.3 | 17.3 | 21.2 | 4.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 15.1 | Minimum | 12.8 |
| Mean Daily Mean | 17.4 | Mean Minimum | 15.2 |
| Maximum Daily Mean | 19.7 | | |
| | | Maximum | 22.1 |
| Minumum Range | 2.8 | Mean Maximum | 19.8 |
| Maximum Range | 6.4 | | |
| | | Mean Range | 4.6 |
| # of Days <= 20 (ºC) | 21 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek below Project Diversion**
**Station CC0**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 19.7 | 19.3 | 18.9 | 18.6 | 18.2 | 18.0 | 17.7 | 17.5 | 17.4 | 17.3 | 17.5 | 17.9 | 18.4 | 19.0 | 19.6 | 20.2 | 20.5 | 20.6 | 20.5 | 20.4 | 20.2 | 20.0 | 19.7 | 19.3 | 19.0 | 17.3 | 20.6 | 3.3 |
| 8/2/2009 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.6 | 17.4 | 17.2 | 17.1 | 17.0 | 17.1 | 17.7 | 18.3 | 18.9 | 19.6 | 20.1 | 20.6 | 20.6 | 20.4 | 20.2 | 20.0 | 19.6 | 19.3 | 18.9 | 18.7 | 17.0 | 20.6 | 3.6 |
| 8/3/2009 | 18.6 | 18.2 | 17.9 | 17.6 | 17.3 | 17.0 | 16.8 | 16.6 | 16.4 | 16.3 | 16.5 | 17.1 | 17.7 | 18.4 | 19.1 | 19.7 | 20.2 | 20.1 | 19.9 | 19.8 | 19.7 | 19.4 | 19.0 | 18.6 | 18.3 | 16.3 | 20.2 | 3.8 |
| 8/4/2009 | 18.2 | 17.8 | 17.5 | 17.1 | 16.9 | 16.7 | 16.4 | 16.2 | 16.1 | 16.0 | 16.1 | 16.7 | 17.2 | 17.9 | 18.5 | 18.9 | 19.2 | 19.2 | 19.0 | 18.9 | 18.8 | 18.6 | 18.4 | 18.1 | 17.7 | 16.0 | 19.2 | 3.2 |
| 8/5/2009 | 17.7 | 17.4 | 17.1 | 16.9 | 16.7 | 16.4 | 16.3 | 16.1 | 16.0 | 16.0 | 16.1 | 16.5 | 17.0 | 17.5 | 17.6 | 17.6 | 17.7 | 17.7 | 17.6 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 17.0 | 16.0 | 17.7 | 1.7 |
| 8/6/2009 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.6 | 15.5 | 15.5 | 15.4 | 15.4 | 15.5 | 15.5 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 14.9 | 15.6 | 14.9 | 16.4 | 1.5 |
| 8/7/2009 | 14.8 | 14.6 | 14.5 | 14.3 | 14.2 | 14.0 | 13.8 | 13.6 | 13.5 | 13.4 | 13.6 | 13.9 | 14.1 | 14.5 | 14.6 | 14.5 | 14.5 | 14.5 | 14.5 | 14.4 | 14.3 | 14.1 | 14.0 | 13.8 | 14.2 | 13.4 | 14.8 | 1.3 |
| 8/8/2009 | 13.6 | 13.5 | 13.3 | 13.1 | 12.9 | 12.8 | 12.6 | 12.4 | 12.3 | 12.3 | 12.4 | 13.0 | 13.5 | 14.6 | 15.2 | 15.9 | 16.5 | 16.8 | 16.6 | 16.6 | 16.4 | 16.2 | 15.9 | 15.5 | 14.3 | 12.3 | 16.8 | 4.5 |
| 8/9/2009 | 15.2 | 14.8 | 14.4 | 14.1 | 13.9 | 13.6 | 13.4 | 13.3 | 13.2 | 13.1 | 13.3 | 13.9 | 14.6 | 15.4 | 16.3 | 17.1 | 17.7 | 17.8 | 17.7 | 17.7 | 17.6 | 17.4 | 17.1 | 16.7 | 15.4 | 13.1 | 17.8 | 4.7 |
| 8/10/2009 | 16.3 | 15.9 | 15.5 | 15.1 | 14.8 | 14.6 | 14.3 | 14.1 | 14.0 | 13.9 | 14.1 | 14.7 | 15.3 | 16.3 | 16.9 | 17.4 | 18.1 | 18.1 | 18.1 | 18.1 | 18.0 | 17.8 | 17.6 | 17.3 | 16.1 | 13.9 | 18.1 | 4.2 |
| 8/11/2009 | 16.9 | 16.5 | 16.1 | 15.7 | 15.4 | 15.1 | 14.9 | 14.7 | 14.5 | 14.5 | 14.6 | 15.1 | 15.7 | 16.6 | 17.3 | 17.9 | 18.5 | 18.4 | 18.2 | 18.1 | 17.9 | 17.7 | 17.5 | 17.1 | 16.5 | 14.5 | 18.5 | 4.0 |
| 8/12/2009 | 16.7 | 16.3 | 16.0 | 15.6 | 15.3 | 15.0 | 14.8 | 14.6 | 14.4 | 14.4 | 14.6 | 15.0 | 15.6 | 16.5 | 17.1 | 17.6 | 18.0 | 18.1 | 18.0 | 17.9 | 17.8 | 17.5 | 17.2 | 16.9 | 16.3 | 14.4 | 18.1 | 3.7 |
| 8/13/2009 | 16.5 | 16.1 | 15.8 | 15.4 | 15.1 | 14.8 | 14.6 | 14.4 | 14.2 | 14.1 | 14.3 | 14.8 | 15.5 | 16.3 | 17.0 | 17.5 | 17.9 | 17.9 | 17.6 | 17.5 | 17.5 | 17.3 | 17.0 | 16.8 | 16.1 | 14.1 | 17.9 | 3.8 |
| 8/14/2009 | 16.5 | 16.2 | 15.8 | 15.5 | 15.2 | 15.0 | 14.7 | 14.5 | 14.4 | 14.3 | 14.5 | 15.0 | 15.7 | 16.4 | 17.0 | 17.4 | 17.7 | 17.6 | 17.2 | 17.1 | 16.8 | 16.6 | 16.4 | 16.1 | 16.0 | 14.3 | 17.7 | 3.4 |
| 8/15/2009 | 15.8 | 15.5 | 15.1 | 14.8 | 14.5 | 14.3 | 14.0 | 13.8 | 13.7 | 13.6 | 13.7 | 14.2 | 14.8 | 15.6 | 16.2 | 16.8 | 17.1 | 17.1 | 16.7 | 16.6 | 16.5 | 16.3 | 16.1 | 15.8 | 15.4 | 13.6 | 17.1 | 3.5 |
| 8/16/2009 | 15.5 | 15.2 | 14.9 | 14.6 | 14.3 | 14.1 | 13.9 | 13.7 | 13.6 | 13.5 | 13.7 | 14.2 | 14.9 | 15.6 | 16.3 | 16.9 | 17.3 | 17.3 | 17.0 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.4 | 13.5 | 17.3 | 3.8 |
| 8/17/2009 | 15.8 | 15.5 | 15.2 | 14.9 | 14.6 | 14.4 | 14.1 | 13.9 | 13.8 | 13.7 | 13.8 | 14.4 | 15.0 | 15.7 | 16.5 | 17.1 | 17.6 | 17.6 | 17.4 | 17.4 | 17.2 | 17.1 | 16.9 | 16.7 | 15.7 | 13.7 | 17.6 | 3.9 |
| 8/18/2009 | 16.4 | 16.1 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.7 | 14.6 | 14.7 | 15.3 | 16.0 | 16.7 | 17.5 | 18.1 | 18.4 | 18.4 | 18.2 | 18.2 | 18.0 | 17.9 | 17.7 | 17.4 | 16.5 | 14.6 | 18.4 | 3.8 |
| 8/19/2009 | 17.0 | 16.7 | 16.4 | 16.1 | 15.8 | 15.5 | 15.3 | 15.1 | 14.9 | 14.8 | 15.0 | 15.5 | 16.2 | 16.9 | 17.7 | 18.2 | 18.7 | 18.7 | 18.5 | 18.4 | 18.2 | 18.0 | 17.8 | 17.6 | 16.8 | 14.8 | 18.7 | 3.9 |
| 8/20/2009 | 17.3 | 16.9 | 16.6 | 16.3 | 16.0 | 15.8 | 15.5 | 15.4 | 15.2 | 15.2 | 15.3 | 15.8 | 16.5 | 17.3 | 18.1 | 18.7 | 19.0 | 19.0 | 18.8 | 18.6 | 18.5 | 18.3 | 18.1 | 17.9 | 17.1 | 15.2 | 19.0 | 3.8 |
| 8/21/2009 | 17.6 | 17.3 | 16.9 | 16.7 | 16.4 | 16.1 | 15.9 | 15.7 | 15.5 | 15.5 | 15.5 | 16.1 | 16.8 | 17.5 | 18.3 | 18.8 | 19.2 | 19.0 | 18.7 | 18.5 | 18.3 | 18.0 | 17.8 | 17.6 | 17.2 | 15.5 | 19.2 | 3.7 |
| 8/22/2009 | 17.3 | 17.0 | 16.7 | 16.4 | 16.2 | 16.0 | 15.7 | 15.5 | 15.4 | 15.4 | 15.6 | 16.0 | 16.6 | 17.0 | 17.3 | 17.8 | 18.0 | 18.0 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 16.8 | 15.4 | 18.0 | 2.6 |
| 8/23/2009 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.4 | 16.5 | 16.8 | 17.2 | 17.5 | 17.8 | 18.2 | 17.9 | 17.7 | 17.5 | 17.5 | 17.4 | 17.2 | 17.0 | 17.1 | 16.3 | 18.2 | 1.9 |
| 8/24/2009 | 16.8 | 16.5 | 16.3 | 16.1 | 15.8 | 15.6 | 15.4 | 15.2 | 15.1 | 15.0 | 15.1 | 15.5 | 16.1 | 16.8 | 11.8 | 18.2 | 18.5 | 18.4 | 18.3 | 18.2 | 18.0 | 17.8 | 17.5 | 17.2 | 16.5 | 11.8 | 18.5 | 6.7 |
| 8/25/2009 | 16.8 | 16.5 | 16.2 | 15.9 | 15.6 | 15.4 | 15.1 | 14.9 | 14.8 | 14.7 | 14.8 | 15.3 | 15.8 | 16.5 | 17.2 | 17.7 | 18.0 | 17.8 | 17.5 | 17.3 | 17.2 | 16.9 | 16.8 | 16.6 | 16.3 | 14.7 | 18.0 | 3.3 |
| 8/26/2009 | 16.3 | 16.0 | 15.7 | 15.5 | 15.3 | 15.0 | 14.8 | 14.6 | 14.4 | 14.3 | 14.3 | 14.9 | 15.5 | 16.2 | 16.9 | 17.4 | 17.7 | 17.5 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.2 | 15.9 | 14.3 | 17.7 | 3.4 |
| 8/27/2009 | 15.9 | 15.6 | 15.3 | 15.0 | 14.8 | 14.6 | 14.4 | 14.2 | 14.1 | 14.0 | 14.1 | 14.5 | 15.2 | 15.8 | 16.4 | 17.0 | 17.3 | 17.3 | 17.0 | 16.9 | 16.7 | 16.5 | 16.2 | 16.0 | 15.6 | 14.0 | 17.3 | 3.3 |
| 8/28/2009 | 15.7 | 15.4 | 15.2 | 15.0 | 14.7 | 14.5 | 14.3 | 14.1 | 14.1 | 14.1 | 14.3 | 14.6 | 14.9 | 15.6 | 16.2 | 16.4 | 16.5 | 16.5 | 16.5 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 14.1 | 16.5 | 2.4 |
| 8/29/2009 | 15.4 | 15.1 | 14.8 | 14.6 | 14.4 | 14.2 | 14.0 | 13.8 | 13.7 | 13.7 | 13.7 | 14.4 | 15.1 | 15.8 | 16.5 | 17.1 | 17.5 | 17.5 | 17.2 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 15.5 | 13.7 | 17.5 | 3.9 |
| 8/30/2009 | 16.1 | 15.8 | 15.6 | 15.3 | 15.1 | 14.8 | 14.6 | 14.4 | 14.3 | 14.3 | 14.3 | 14.9 | 15.6 | 16.3 | 16.8 | 17.3 | 17.6 | 17.5 | 17.1 | 16.8 | 16.6 | 16.3 | 16.1 | 15.9 | 15.8 | 14.3 | 17.6 | 3.3 |
| 8/31/2009 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.6 | 14.4 | 14.4 | 14.4 | 14.4 | 15.1 | 15.8 | 16.4 | 16.9 | 17.4 | 17.8 | 17.7 | 17.2 | 17.0 | 16.8 | 16.5 | 16.3 | 16.1 | 15.9 | 14.4 | 17.8 | 3.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 14.2 | Minimum | 11.8 |
| Mean Daily Mean | 16.3 | Mean Minimum | 14.6 |
| Maximum Daily Mean | 19.0 | | |
| | | Maximum | 20.6 |
| Minumum Range | 1.3 | Mean Maximum | 18.0 |
| Maximum Range | 6.7 | | |
| | | Mean Range | 3.5 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek below Project Diversion**
**Station CC0**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 15.9 | 15.7 | 15.5 | 15.3 | 15.2 | 15.0 | 14.9 | 14.8 | 14.8 | 14.7 | 14.7 | 15.4 | 16.0 | 16.6 | 17.2 | 17.7 | 17.9 | 17.8 | 17.4 | 17.2 | 16.9 | 16.6 | 16.4 | 16.1 | 16.1 | 14.7 | 17.9 | 3.2 |
| 9/2/2009 | 15.9 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 | 14.4 | 14.4 | 14.4 | 15.0 | 15.6 | 16.1 | 16.6 | 17.0 | 17.1 | 17.1 | 17.0 | 16.9 | 16.7 | 16.5 | 16.2 | 16.0 | 15.8 | 14.4 | 17.1 | 2.7 |
| 9/3/2009 | 15.8 | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 | 14.4 | 14.3 | 14.3 | 14.3 | 14.8 | 15.5 | 16.2 | 16.7 | 17.3 | 17.6 | 17.7 | 17.3 | 17.1 | 16.9 | 16.6 | 16.4 | 16.1 | 15.8 | 14.3 | 17.7 | 3.4 |
| 9/4/2009 | 15.9 | 15.7 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.5 | 14.4 | 14.4 | 14.5 | 15.0 | 15.7 | 16.3 | 16.9 | 17.3 | 17.6 | 17.5 | 17.1 | 16.8 | 16.5 | 16.2 | 15.9 | 15.7 | 15.8 | 14.4 | 17.6 | 3.2 |
| 9/5/2009 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 14.0 | 14.6 | 15.3 | 15.8 | 16.4 | 16.9 | 17.1 | 17.0 | 16.6 | 16.3 | 16.0 | 15.7 | 15.4 | 15.2 | 15.3 | 14.0 | 17.1 | 3.1 |
| 9/6/2009 | 15.0 | 14.8 | 14.6 | 14.4 | 14.2 | 14.1 | 14.0 | 13.9 | 13.9 | 13.8 | 13.8 | 14.4 | 15.1 | 15.7 | 16.2 | 16.7 | 17.0 | 16.9 | 16.5 | 16.2 | 15.9 | 15.6 | 15.3 | 15.1 | 15.1 | 13.8 | 17.0 | 3.2 |
| 9/7/2009 | 14.8 | 14.6 | 14.4 | 14.2 | 14.0 | 13.9 | 13.7 | 13.6 | 13.5 | 13.5 | 13.5 | 14.0 | 14.7 | 15.3 | 15.9 | 16.3 | 16.6 | 16.6 | 16.2 | 15.9 | 15.6 | 15.3 | 15.0 | 14.8 | 14.8 | 13.5 | 16.6 | 3.1 |
| 9/8/2009 | 14.5 | 14.3 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.6 | 14.4 | 15.0 | 15.6 | 16.2 | 16.5 | 16.5 | 16.1 | 15.9 | 15.6 | 15.4 | 15.1 | 14.9 | 14.6 | 13.1 | 16.5 | 3.4 |
| 9/9/2009 | 14.7 | 14.5 | 14.3 | 14.1 | 13.9 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.3 | 13.8 | 14.7 | 15.3 | 15.9 | 16.4 | 16.7 | 16.8 | 16.5 | 16.3 | 16.0 | 15.7 | 15.5 | 15.2 | 14.9 | 13.3 | 16.8 | 3.5 |
| 9/10/2009 | 15.0 | 14.8 | 14.6 | 14.4 | 14.2 | 14.0 | 13.8 | 13.7 | 13.6 | 13.6 | 13.6 | 14.0 | 14.8 | 15.4 | 16.0 | 16.5 | 16.9 | 17.0 | 16.8 | 16.6 | 16.4 | 16.1 | 15.9 | 15.6 | 15.1 | 13.6 | 17.0 | 3.4 |
| 9/11/2009 | 15.4 | 15.2 | 14.9 | 14.7 | 14.5 | 14.3 | 14.1 | 13.9 | 13.8 | 13.7 | 13.7 | 14.1 | 14.9 | 15.4 | 15.7 | 15.8 | 16.2 | 16.1 | 15.9 | 15.8 | 15.6 | 15.4 | 15.2 | 15.1 | 15.0 | 13.7 | 16.2 | 2.5 |
| 9/12/2009 | 14.9 | 14.8 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 13.8 | 13.8 | 13.8 | 14.2 | 14.8 | 15.2 | 15.4 | 15.4 | 15.7 | 15.8 | 15.7 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.8 | 13.8 | 15.8 | 2.0 |
| 9/13/2009 | 14.7 | 14.5 | 14.3 | 14.1 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.6 | 13.6 | 13.9 | 14.5 | 15.2 | 15.6 | 15.8 | 15.7 | 15.6 | 15.4 | 15.2 | 14.9 | 14.6 | 14.5 | 14.4 | 14.5 | 13.5 | 15.8 | 2.3 |
| 9/14/2009 | 14.1 | 14.0 | 13.9 | 13.9 | 13.8 | 13.7 | 13.7 | 13.6 | 13.6 | 13.7 | 13.7 | 14.0 | 14.4 | 14.6 | 14.9 | 15.1 | 15.3 | 15.3 | 15.1 | 14.9 | 14.7 | 14.4 | 14.2 | 14.0 | 14.3 | 13.6 | 15.3 | 1.7 |
| 9/15/2009 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 13.0 | 13.0 | 13.4 | 14.3 | 15.1 | 15.6 | 16.1 | 16.3 | 16.3 | 16.1 | 15.9 | 15.7 | 15.5 | 15.2 | 15.0 | 14.5 | 13.0 | 16.3 | 3.3 |
| 9/16/2009 | 14.8 | 14.6 | 14.4 | 14.2 | 14.0 | 13.8 | 13.6 | 13.4 | 13.3 | 13.2 | 13.2 | 13.5 | 14.5 | 15.2 | 15.7 | 16.2 | 16.4 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 14.8 | 13.2 | 16.4 | 3.2 |
| 9/17/2009 | 15.1 | 14.9 | 14.7 | 14.4 | 14.2 | 14.0 | 13.8 | 13.6 | 13.5 | 13.4 | 13.4 | 13.7 | 14.4 | 15.1 | 15.5 | 16.0 | 16.4 | 16.4 | 16.3 | 16.1 | 15.8 | 15.6 | 15.4 | 15.2 | 14.9 | 13.4 | 16.4 | 3.0 |
| 9/18/2009 | 15.1 | 14.9 | 14.7 | 14.4 | 14.2 | 14.0 | 13.8 | 13.7 | 13.6 | 13.5 | 13.5 | 13.7 | 14.5 | 15.3 | 15.8 | 16.3 | 16.6 | 16.6 | 16.4 | 16.1 | 15.9 | 15.6 | 15.4 | 15.2 | 14.9 | 13.5 | 16.6 | 3.1 |
| 9/19/2009 | 15.0 | 14.8 | 14.6 | 14.4 | 14.2 | 14.0 | 13.9 | 13.8 | 13.7 | 13.8 | 13.9 | 14.0 | 14.6 | 15.2 | 15.8 | 16.3 | 16.6 | 16.6 | 16.3 | 16.0 | 15.7 | 15.4 | 15.2 | 14.9 | 14.9 | 13.7 | 16.6 | 2.9 |
| 9/20/2009 | 14.7 | 14.5 | 14.3 | 14.1 | 13.9 | 13.7 | 13.6 | 13.4 | 13.3 | 13.3 | 13.3 | 13.4 | 14.1 | 14.8 | 15.5 | 16.1 | 16.4 | 16.5 | 16.3 | 16.1 | 15.8 | 15.5 | 15.3 | 15.1 | 14.7 | 13.3 | 16.5 | 3.2 |
| 9/21/2009 | 14.9 | 14.7 | 14.5 | 14.3 | 14.2 | 14.1 | 13.9 | 13.8 | 13.6 | 13.5 | 13.5 | 13.6 | 14.3 | 15.0 | 15.7 | 16.2 | 16.6 | 16.7 | 16.5 | 16.3 | 16.0 | 15.7 | 15.4 | 15.1 | 14.9 | 13.5 | 16.7 | 3.2 |
| 9/22/2009 | 14.9 | 14.6 | 14.4 | 14.2 | 14.1 | 13.8 | 13.6 | 13.5 | 13.3 | 13.3 | 13.3 | 13.3 | 14.0 | 14.7 | 15.6 | 16.2 | 16.5 | 16.6 | 16.3 | 16.0 | 15.7 | 15.4 | 15.1 | 14.8 | 14.7 | 13.3 | 16.6 | 3.3 |
| 9/23/2009 | 14.6 | 14.4 | 14.2 | 14.1 | 13.9 | 13.8 | 13.6 | 13.5 | 13.4 | 13.3 | 13.3 | 13.3 | 14.0 | 14.9 | 15.7 | 16.4 | 16.7 | 16.6 | 16.4 | 16.1 | 15.8 | 15.4 | 15.1 | 14.9 | 14.7 | 13.3 | 16.7 | 3.4 |
| 9/24/2009 | 14.6 | 14.4 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.3 | 13.1 | 13.1 | 13.0 | 13.0 | 13.7 | 14.6 | 15.4 | 16.0 | 16.4 | 16.3 | 16.1 | 15.8 | 15.5 | 15.1 | 14.9 | 14.6 | 14.5 | 13.0 | 16.4 | 3.4 |
| 9/25/2009 | 14.4 | 14.1 | 13.9 | 13.7 | 13.5 | 13.3 | 13.1 | 13.0 | 12.8 | 12.8 | 12.8 | 12.8 | 13.4 | 14.2 | 15.1 | 15.7 | 16.1 | 16.1 | 16.0 | 15.7 | 15.3 | 15.0 | 14.7 | 14.5 | 14.3 | 12.8 | 16.1 | 3.3 |
| 9/26/2009 | 14.2 | 13.9 | 13.7 | 13.5 | 13.3 | 13.2 | 13.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.8 | 13.4 | 14.3 | 15.2 | 15.8 | 16.0 | 16.1 | 15.9 | 15.6 | 15.3 | 15.0 | 14.7 | 14.4 | 14.2 | 12.7 | 16.1 | 3.4 |
| 9/27/2009 | 14.2 | 14.0 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.7 | 12.6 | 12.5 | 12.5 | 12.6 | 13.2 | 14.0 | 14.8 | 15.3 | 15.7 | 15.9 | 15.7 | 15.4 | 15.1 | 14.8 | 14.5 | 14.3 | 14.0 | 12.5 | 15.9 | 3.4 |
| 9/28/2009 | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.6 | 12.7 | 13.2 | 14.2 | 14.5 | 14.9 | 14.9 | 14.7 | 14.5 | 14.2 | 13.9 | 13.6 | 13.4 | 13.2 | 13.6 | 12.6 | 14.9 | 2.3 |
| 9/29/2009 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.5 | 12.4 | 12.4 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.5 | 12.5 | 12.4 | 12.2 | 12.0 | 11.7 | 11.6 | 11.4 | 11.2 | 12.3 | 11.2 | 13.0 | 1.8 |
| 9/30/2009 | 11.0 | 10.8 | 10.7 | 10.6 | 10.4 | 10.3 | 10.2 | 10.0 | 9.9 | 9.8 | 9.8 | 9.9 | 10.4 | 11.1 | 11.7 | 12.1 | 12.4 | 12.3 | 12.0 | 11.6 | 11.2 | 11.0 | 10.8 | 10.6 | 10.9 | 9.8 | 12.4 | 2.6 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 10.9 | Minimum | 9.8 |
| Mean Daily Mean | 14.6 | Mean Minimum | 13.3 |
| Maximum Daily Mean | 16.1 | | |
| | | Maximum | 17.9 |
| Minumum Range | 1.7 | Mean Maximum | 16.3 |
| Maximum Range | 3.5 | | |
| | | Mean Range | 3.0 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek above the confluence with the North Fork North Fork Mokelumne River**
**Station CC1**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 6.5 | 6.3 | 6.2 | 6.0 | 5.8 | 5.7 | 5.5 | 5.4 | 5.3 | 5.3 | 5.5 | 5.8 | 6.2 | 6.6 | 6.9 | 7.1 | 7.4 | 7.6 | 7.7 | 7.9 | 7.9 | 7.8 | 7.7 | 7.5 | 6.6 | 5.3 | 7.9 | 2.6 |
| 4/2/2009 | 7.4 | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6.1 | 6.0 | 5.9 | 5.9 | 6.1 | 6.4 | 6.7 | 7.0 | 7.1 | 7.1 | 7.4 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.2 | 7.1 | 6.8 | 5.9 | 7.5 | 1.6 |
| 4/3/2009 | 6.9 | 6.8 | 6.6 | 6.4 | 6.2 | 6.1 | 5.9 | 5.7 | 5.6 | 5.5 | 5.5 | 5.6 | 5.7 | 5.8 | 5.7 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.7 | 5.5 | 5.3 | 5.9 | 5.3 | 6.9 | 1.6 |
| 4/4/2009 | 5.1 | 4.9 | 4.8 | 4.6 | 4.3 | 4.0 | 3.7 | 3.5 | 3.3 | 3.3 | 3.5 | 3.7 | 4.0 | 4.4 | 4.8 | 5.1 | 5.4 | 5.6 | 5.8 | 5.9 | 5.9 | 5.8 | 5.6 | 5.4 | 4.7 | 3.3 | 5.9 | 2.6 |
| 4/5/2009 | 5.1 | 4.9 | 4.7 | 4.5 | 4.4 | 4.2 | 4.0 | 3.9 | 3.8 | 3.8 | 4.0 | 4.3 | 4.7 | 5.1 | 5.5 | 5.7 | 6.0 | 6.2 | 6.4 | 6.5 | 6.4 | 6.3 | 6.2 | 6.0 | 5.1 | 3.8 | 6.5 | 2.7 |
| 4/6/2009 | 5.7 | 5.5 | 5.3 | 5.1 | 5.0 | 4.8 | 4.7 | 4.5 | 4.4 | 4.4 | 4.6 | 4.9 | 5.3 | 5.8 | 6.1 | 6.4 | 6.7 | 6.9 | 7.1 | 7.2 | 7.2 | 7.1 | 6.9 | 6.7 | 5.8 | 4.4 | 7.2 | 2.8 |
| 4/7/2009 | 6.5 | 6.2 | 6.0 | 5.8 | 5.6 | 5.5 | 5.3 | 5.1 | 5.0 | 5.0 | 5.1 | 5.3 | 5.7 | 5.9 | 6.2 | 6.4 | 6.4 | 6.4 | 6.1 | 5.7 | 5.3 | 5.0 | 4.9 | 4.6 | 5.6 | 4.6 | 6.5 | 1.9 |
| 4/8/2009 | 4.4 | 4.2 | 4.2 | 4.1 | 4.1 | 3.9 | 3.8 | 3.7 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.2 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 | 3.6 | 4.4 | 0.8 |
| 4/9/2009 | 4.2 | 4.1 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.5 | 4.6 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.2 | 4.1 | 4.1 | 4.2 | 4.0 | 4.6 | 0.6 |
| 4/10/2009 | 4.0 | 4.0 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 4.1 | 4.2 | 4.5 | 4.7 | 4.8 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.7 | 4.6 | 4.3 | 3.8 | 4.9 | 1.1 |
| 4/11/2009 | 4.5 | 4.4 | 4.3 | 4.1 | 4.0 | 3.8 | 3.7 | 3.6 | 3.5 | 3.5 | 3.7 | 4.0 | 4.4 | 4.9 | 5.1 | 5.0 | 5.1 | 5.3 | 5.4 | 5.7 | 5.8 | 5.8 | 5.8 | 5.7 | 4.6 | 3.5 | 5.8 | 2.3 |
| 4/12/2009 | 5.5 | 5.3 | 5.1 | 5.0 | 4.8 | 4.6 | 4.5 | 4.4 | 4.3 | 4.4 | 4.6 | 5.0 | 5.5 | 6.0 | 6.5 | 6.9 | 7.3 | 7.6 | 7.8 | 7.8 | 7.7 | 7.6 | 7.4 | 7.2 | 6.0 | 4.3 | 7.8 | 3.5 |
| 4/13/2009 | 6.9 | 6.7 | 6.4 | 6.2 | 5.9 | 5.7 | 5.6 | 5.4 | 5.3 | 5.3 | 5.5 | 5.8 | 6.2 | 6.5 | 6.9 | 7.1 | 7.4 | 7.6 | 7.8 | 7.9 | 7.8 | 7.6 | 7.4 | 7.3 | 6.6 | 5.3 | 7.9 | 2.6 |
| 4/14/2009 | 7.0 | 6.8 | 6.5 | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.3 | 5.2 | 5.1 | 5.2 | 5.3 | 5.3 | 5.3 | 5.2 | 5.2 | 5.2 | 5.1 | 4.9 | 4.8 | 4.5 | 4.3 | 4.1 | 5.4 | 4.1 | 7.0 | 2.9 |
| 4/15/2009 | 3.9 | 3.7 | 3.5 | 3.3 | 3.1 | 2.8 | 2.7 | 2.5 | 2.3 | 2.3 | 2.5 | 2.7 | 3.0 | 3.2 | 3.4 | 3.5 | 3.6 | 3.7 | 3.7 | 3.8 | 3.8 | 3.9 | 3.8 | 3.7 | 3.3 | 2.3 | 3.9 | 1.6 |
| 4/16/2009 | 3.6 | 3.5 | 3.4 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.7 | 2.8 | 3.0 | 3.4 | 3.8 | 4.3 | 4.7 | 5.1 | 5.5 | 5.8 | 6.0 | 6.2 | 6.2 | 6.1 | 6.1 | 5.9 | 4.3 | 2.7 | 6.2 | 3.5 |
| 4/17/2009 | 5.7 | 5.4 | 5.1 | 4.9 | 4.7 | 4.6 | 4.4 | 4.3 | 4.3 | 4.3 | 4.6 | 4.9 | 5.4 | 5.9 | 6.3 | 6.7 | 7.0 | 7.3 | 7.5 | 7.7 | 7.7 | 7.6 | 7.5 | 7.3 | 5.9 | 4.3 | 7.7 | 3.4 |
| 4/18/2009 | 7.0 | 6.7 | 6.5 | 6.3 | 6.1 | 6.0 | 5.9 | 5.7 | 5.7 | 5.8 | 6.0 | 6.3 | 6.6 | 7.1 | 7.5 | 7.8 | 8.2 | 8.5 | 8.7 | 8.9 | 8.9 | 8.8 | 8.6 | 8.3 | 7.2 | 5.7 | 8.9 | 3.2 |
| 4/19/2009 | 7.9 | 7.6 | 7.4 | 7.1 | 6.8 | 6.6 | 6.3 | 6.1 | 5.9 | 5.9 | 6.0 | 6.4 | 6.9 | 7.4 | 7.8 | 8.2 | 8.4 | 8.7 | 8.9 | 9.1 | 9.0 | 8.9 | 8.8 | 8.5 | 7.5 | 5.9 | 9.1 | 3.2 |
| 4/20/2009 | 8.2 | 7.8 | 7.5 | 7.2 | 6.9 | 6.6 | 6.4 | 6.2 | 6.0 | 6.0 | 6.2 | 6.6 | 7.0 | 7.5 | 8.0 | 8.4 | 8.7 | 9.0 | 9.2 | 9.3 | 9.3 | 9.2 | 8.7 | 7.0 | 7.6 | 6.0 | 9.3 | 3.3 |
| 4/21/2009 | 6.1 | 5.5 | 5.2 | 5.0 | 4.8 | 4.7 | 4.7 | 4.6 | 4.7 | 4.9 | 5.3 | 5.8 | 6.4 | 6.9 | 7.4 | 7.7 | 8.1 | 8.3 | 8.5 | 8.6 | 8.6 | 8.5 | 8.3 | 8.0 | 6.5 | 4.6 | 8.6 | 4.0 |
| 4/22/2009 | 7.6 | 7.3 | 7.0 | 6.7 | 6.4 | 6.1 | 5.9 | 5.7 | 5.6 | 5.7 | 5.9 | 6.4 | 6.8 | 7.3 | 7.7 | 8.1 | 8.4 | 8.6 | 8.8 | 8.9 | 8.9 | 8.7 | 8.5 | 8.3 | 7.3 | 5.6 | 8.9 | 3.3 |
| 4/23/2009 | 8.0 | 7.7 | 7.5 | 7.1 | 6.8 | 6.5 | 6.1 | 5.9 | 5.7 | 5.6 | 5.8 | 6.1 | 6.6 | 7.2 | 7.2 | 7.5 | 7.7 | 7.9 | 8.0 | 8.0 | 8.0 | 7.9 | 7.7 | 7.6 | 7.1 | 5.6 | 8.0 | 2.4 |
| 4/24/2009 | 7.5 | 7.3 | 7.2 | 7.0 | 6.8 | 6.6 | 6.4 | 6.1 | 5.9 | 5.8 | 5.6 | 5.5 | 5.3 | 5.3 | 5.3 | 5.1 | 5.2 | 5.3 | 5.4 | 5.3 | 5.3 | 5.1 | 5.0 | 4.8 | 5.8 | 4.8 | 7.5 | 2.6 |
| 4/25/2009 | 4.7 | 4.6 | 4.4 | 4.3 | 4.2 | 4.0 | 3.9 | 3.8 | 3.7 | 3.8 | 3.9 | 4.2 | 4.6 | 4.9 | 5.2 | 5.6 | 5.6 | 5.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.8 | 5.7 | 4.8 | 3.7 | 5.9 | 2.2 |
| 4/26/2009 | 5.6 | 5.4 | 5.3 | 5.1 | 5.0 | 4.9 | 4.7 | 4.6 | 4.6 | 4.6 | 4.9 | 5.2 | 5.7 | 6.1 | 6.6 | 6.9 | 7.2 | 7.4 | 7.5 | 7.5 | 7.3 | 7.1 | 7.0 | 6.8 | 6.0 | 4.6 | 7.5 | 2.9 |
| 4/27/2009 | 6.6 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.7 | 5.9 | 6.1 | 6.4 | 6.7 | 7.0 | 7.1 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.0 | 6.8 | 6.6 | 5.7 | 7.3 | 1.6 |
| 4/28/2009 | 6.6 | 6.4 | 6.2 | 6.0 | 5.8 | 5.7 | 5.5 | 5.4 | 5.3 | 5.2 | 5.2 | 5.5 | 5.7 | 6.2 | 6.5 | 6.7 | 7.0 | 7.2 | 7.3 | 7.3 | 7.2 | 7.0 | 6.8 | 6.5 | 6.2 | 5.2 | 7.3 | 2.1 |
| 4/29/2009 | 6.3 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 5.0 | 4.8 | 4.6 | 4.6 | 4.8 | 5.1 | 5.5 | 5.9 | 6.3 | 6.5 | 6.7 | 7.0 | 7.1 | 7.1 | 7.1 | 7.0 | 6.9 | 6.7 | 6.0 | 4.6 | 7.1 | 2.5 |
| 4/30/2009 | 6.4 | 6.2 | 6.0 | 5.8 | 5.7 | 5.5 | 5.4 | 5.2 | 5.1 | 5.1 | 5.3 | 5.4 | 5.8 | 6.0 | 6.5 | 6.7 | 6.9 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 6.2 | 5.1 | 7.3 | 2.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 3.3 | Minimum | 2.3 |
| Mean Daily Mean | 5.8 | Mean Minimum | 4.6 |
| Maximum Daily Mean | 7.6 | | |
| | | Maximum | 9.3 |
| Minumum Range | 0.6 | Mean Maximum | 7.0 |
| Maximum Range | 4.0 | | |
| | | Mean Range | 2.5 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek above the confluence with the North Fork North Fork Mokelumne River**
**Station CC1**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 6.0 | 4.6 | 7.0 | 4.6 | 7.4 | 2.8 |
| 5/2/2009 | 4.2 | 4.3 | 4.3 | 4.3 | 4.2 | 4.2 | 4.1 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.9 | 4.9 | 5.0 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 4.6 | 4.0 | 5.1 | 1.1 |
| 5/3/2009 | 5.0 | 4.9 | 4.8 | 4.8 | 4.7 | 4.7 | 4.8 | 4.8 | 4.9 | 5.0 | 5.1 | 5.1 | 5.2 | 5.2 | 5.3 | 5.3 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.5 | 4.4 | 4.3 | 4.9 | 4.3 | 5.3 | 1.0 |
| 5/4/2009 | 4.2 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.1 | 4.3 | 4.5 | 4.8 | 5.2 | 5.4 | 5.7 | 6.0 | 6.4 | 6.7 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 5.3 | 4.0 | 6.9 | 2.9 |
| 5/5/2009 | 6.2 | 6.0 | 5.8 | 5.7 | 5.5 | 5.4 | 5.3 | 5.3 | 5.2 | 5.3 | 5.4 | 5.6 | 6.0 | 6.4 | 6.8 | 7.1 | 7.2 | 7.3 | 7.0 | 6.8 | 6.5 | 6.2 | 5.9 | 5.7 | 6.1 | 5.2 | 7.3 | 2.1 |
| 5/6/2009 | 5.4 | 5.2 | 5.0 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 | 4.6 | 4.8 | 5.2 | 5.7 | 6.3 | 7.1 | 7.8 | 8.4 | 8.9 | 9.1 | 9.1 | 8.8 | 8.6 | 8.1 | 7.5 | 6.8 | 6.5 | 4.6 | 9.1 | 4.5 |
| 5/7/2009 | 6.2 | 5.8 | 5.4 | 5.2 | 4.9 | 4.7 | 4.5 | 4.3 | 4.4 | 4.5 | 4.8 | 5.2 | 5.7 | 6.3 | 7.1 | 8.0 | 8.6 | 9.0 | 9.1 | 8.9 | 8.7 | 8.5 | 8.1 | 7.5 | 6.5 | 4.3 | 9.1 | 4.8 |
| 5/8/2009 | 6.9 | 6.3 | 5.8 | 5.5 | 5.2 | 4.9 | 4.7 | 4.5 | 4.5 | 4.6 | 4.9 | 5.4 | 5.9 | 6.6 | 7.4 | 8.2 | 8.7 | 9.0 | 9.1 | 9.0 | 8.8 | 8.6 | 8.3 | 7.7 | 6.7 | 4.5 | 9.1 | 4.6 |
| 5/9/2009 | 7.1 | 6.5 | 6.1 | 5.7 | 5.4 | 5.2 | 4.9 | 4.8 | 4.8 | 4.9 | 5.3 | 5.7 | 6.3 | 7.0 | 7.7 | 8.4 | 8.9 | 9.1 | 9.2 | 9.1 | 9.0 | 8.9 | 8.4 | 7.7 | 6.9 | 4.8 | 9.2 | 4.4 |
| 5/10/2009 | 7.0 | 6.4 | 5.9 | 5.5 | 5.2 | 5.0 | 4.8 | 4.7 | 4.7 | 4.9 | 5.2 | 5.7 | 6.4 | 7.1 | 7.8 | 8.5 | 9.0 | 9.3 | 9.4 | 9.3 | 9.1 | 8.9 | 8.5 | 7.8 | 6.9 | 4.7 | 9.4 | 4.7 |
| 5/11/2009 | 7.1 | 6.4 | 5.9 | 5.5 | 5.2 | 5.0 | 4.8 | 4.7 | 4.7 | 4.9 | 5.2 | 5.7 | 6.3 | 7.0 | 7.7 | 8.4 | 9.0 | 9.3 | 9.3 | 9.2 | 9.0 | 8.9 | 8.5 | 7.8 | 6.9 | 4.7 | 9.3 | 4.6 |
| 5/12/2009 | 7.1 | 6.5 | 5.9 | 5.5 | 5.2 | 5.0 | 4.8 | 4.6 | 4.6 | 4.7 | 5.0 | 5.4 | 6.0 | 6.6 | 7.3 | 7.9 | 8.3 | 8.5 | 8.5 | 8.3 | 8.3 | 8.1 | 7.9 | 7.5 | 6.6 | 4.6 | 8.5 | 3.9 |
| 5/13/2009 | 7.0 | 6.4 | 5.8 | 5.4 | 5.1 | 4.8 | 4.7 | 4.5 | 4.5 | 4.7 | 5.0 | 5.4 | 6.0 | 6.6 | 7.2 | 7.8 | 8.2 | 8.5 | 8.6 | 8.6 | 8.5 | 8.4 | 8.3 | 8.1 | 6.6 | 4.5 | 8.6 | 4.0 |
| 5/14/2009 | 7.6 | 7.1 | 6.6 | 6.2 | 5.8 | 5.6 | 5.3 | 5.2 | 5.2 | 5.3 | 5.6 | 6.1 | 6.7 | 7.5 | 8.2 | 8.9 | 9.4 | 9.7 | 9.8 | 9.7 | 9.6 | 9.4 | 9.2 | 8.9 | 7.4 | 5.2 | 9.8 | 4.6 |
| 5/15/2009 | 8.4 | 8.0 | 7.5 | 7.2 | 6.9 | 6.8 | 6.6 | 6.6 | 6.6 | 6.7 | 7.0 | 7.4 | 8.0 | 8.6 | 9.5 | 10.3 | 10.9 | 11.3 | 11.5 | 11.4 | 11.3 | 11.1 | 10.9 | 10.5 | 8.8 | 6.6 | 11.5 | 4.9 |
| 5/16/2009 | 9.8 | 9.2 | 8.6 | 8.1 | 7.7 | 7.4 | 7.2 | 7.0 | 6.9 | 6.9 | 7.2 | 7.7 | 8.2 | 8.9 | 9.7 | 10.3 | 10.8 | 11.1 | 11.3 | 11.2 | 11.1 | 11.0 | 10.8 | 10.5 | 9.1 | 6.9 | 11.3 | 4.4 |
| 5/17/2009 | 9.9 | 9.2 | 8.6 | 8.2 | 7.8 | 7.6 | 7.3 | 7.2 | 7.1 | 7.2 | 7.5 | 8.0 | 8.5 | 9.2 | 9.9 | 10.6 | 11.1 | 11.4 | 11.4 | 11.3 | 11.2 | 11.1 | 10.9 | 10.6 | 9.3 | 7.1 | 11.4 | 4.3 |
| 5/18/2009 | 10.0 | 9.3 | 8.7 | 8.3 | 7.9 | 7.6 | 7.3 | 7.2 | 7.2 | 7.3 | 7.6 | 8.0 | 8.6 | 9.2 | 9.7 | 10.2 | 10.5 | 10.5 | 10.5 | 10.5 | 10.4 | 10.4 | 10.4 | 10.3 | 9.1 | 7.2 | 10.5 | 3.3 |
| 5/19/2009 | 10.0 | 9.5 | 9.1 | 8.7 | 8.3 | 8.1 | 7.8 | 7.7 | 7.6 | 7.7 | 8.0 | 8.4 | 8.9 | 9.5 | 10.1 | 10.4 | 10.7 | 10.9 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.3 | 9.4 | 7.6 | 10.9 | 3.3 |
| 5/20/2009 | 9.8 | 9.3 | 8.7 | 8.2 | 7.8 | 7.5 | 7.3 | 7.1 | 7.1 | 7.2 | 7.5 | 8.0 | 8.4 | 9.0 | 9.5 | 10.0 | 10.4 | 10.7 | 10.8 | 10.7 | 10.6 | 10.5 | 10.3 | 10.2 | 9.0 | 7.1 | 10.8 | 3.7 |
| 5/21/2009 | 9.9 | 9.6 | 9.1 | 8.6 | 8.2 | 7.8 | 7.4 | 7.1 | 7.0 | 7.0 | 7.3 | 7.7 | 8.2 | 8.8 | 9.4 | 10.0 | 10.4 | 10.8 | 11.0 | 11.0 | 10.8 | 10.7 | 10.5 | 10.4 | 9.1 | 7.0 | 11.0 | 4.0 |
| 5/22/2009 | 10.3 | 10.3 | 10.1 | 9.7 | 9.4 | 9.0 | 8.6 | 8.3 | 8.2 | 8.2 | 8.3 | 8.7 | 9.2 | 9.7 | 10.3 | 10.8 | 11.3 | 11.5 | 11.6 | 11.6 | 11.4 | 11.3 | 11.1 | 11.0 | 10.0 | 8.2 | 11.6 | 3.4 |
| 5/23/2009 | 11.0 | 10.8 | 10.5 | 10.1 | 9.6 | 9.2 | 8.8 | 8.5 | 8.4 | 8.4 | 8.6 | 9.0 | 9.4 | 9.9 | 10.3 | 10.8 | 11.2 | 11.5 | 11.6 | 11.6 | 11.5 | 11.3 | 11.1 | 10.9 | 10.2 | 8.4 | 11.6 | 3.2 |
| 5/24/2009 | 10.8 | 10.6 | 10.3 | 9.9 | 9.4 | 9.0 | 8.6 | 8.2 | 8.0 | 8.0 | 8.1 | 8.4 | 8.8 | 9.3 | 9.9 | 10.5 | 10.9 | 11.2 | 11.3 | 11.3 | 11.2 | 11.0 | 10.8 | 10.5 | 9.8 | 8.0 | 11.3 | 3.3 |
| 5/25/2009 | 10.3 | 10.1 | 9.9 | 9.5 | 9.1 | 8.7 | 8.3 | 8.0 | 7.8 | 7.8 | 8.0 | 8.3 | 8.8 | 9.4 | 10.0 | 10.5 | 11.0 | 11.2 | 11.3 | 11.3 | 11.3 | 11.2 | 11.0 | 10.9 | 9.7 | 7.8 | 11.3 | 3.5 |
| 5/26/2009 | 10.8 | 10.7 | 10.6 | 10.4 | 10.2 | 9.9 | 9.5 | 9.3 | 9.1 | 9.1 | 9.3 | 9.6 | 10.0 | 10.6 | 11.1 | 11.6 | 11.9 | 12.2 | 12.1 | 11.9 | 11.8 | 11.6 | 11.3 | 11.2 | 10.7 | 9.1 | 12.2 | 3.1 |
| 5/27/2009 | 11.1 | 11.1 | 11.0 | 10.7 | 10.4 | 10.1 | 9.8 | 9.5 | 9.4 | 9.4 | 9.6 | 10.0 | 10.3 | 10.7 | 11.0 | 11.4 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.0 | 10.8 | 10.5 | 10.6 | 9.4 | 11.5 | 2.1 |
| 5/28/2009 | 10.4 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.5 | 9.4 | 9.3 | 9.4 | 9.6 | 10.0 | 10.5 | 11.0 | 11.3 | 11.4 | 11.3 | 11.3 | 11.2 | 11.0 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 9.3 | 11.4 | 2.1 |
| 5/29/2009 | 10.5 | 10.4 | 10.2 | 10.0 | 9.7 | 9.5 | 9.3 | 9.1 | 9.0 | 9.1 | 9.4 | 9.8 | 10.3 | 10.6 | 10.8 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.3 | 9.0 | 11.0 | 2.0 |
| 5/30/2009 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.0 | 9.9 | 9.9 | 10.0 | 10.1 | 10.5 | 10.9 | 11.1 | 11.2 | 11.2 | 11.2 | 11.3 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.1 | 10.7 | 9.9 | 11.3 | 1.4 |
| 5/31/2009 | 10.9 | 10.7 | 10.5 | 10.3 | 10.2 | 10.1 | 9.9 | 9.8 | 9.7 | 9.8 | 10.0 | 10.4 | 10.9 | 11.3 | 11.8 | 12.2 | 12.6 | 12.9 | 13.0 | 12.9 | 12.7 | 12.6 | 12.4 | 12.2 | 11.2 | 9.7 | 13.0 | 3.3 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 4.6 | Minimum | 4.0 |
| Mean Daily Mean | 8.3 | Mean Minimum | 6.5 |
| Maximum Daily Mean | 11.2 | | |
| | | Maximum | 13.0 |
| Minumum Range | 1.0 | Mean Maximum | 9.9 |
| Maximum Range | 4.9 | | |
| | | Mean Range | 3.4 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek above the confluence with the North Fork North Fork Mokelumne River**
**Station CC1**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 12.0 | 11.8 | 11.6 | 11.3 | 11.1 | 10.9 | 10.8 | 10.6 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 11.2 | 11.5 | 11.8 | 12.1 | 12.2 | 12.3 | 12.3 | 12.3 | 12.1 | 12.0 | 11.8 | 11.5 | 10.5 | 12.3 | 1.8 |
| 6/2/2009 | 11.7 | 11.6 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 10.9 | 10.9 | 11.0 | 11.2 | 11.3 | 11.5 | 11.5 | 11.8 | 11.9 | 12.0 | 12.2 | 12.3 | 12.3 | 12.2 | 12.1 | 11.9 | 11.8 | 11.6 | 10.9 | 12.3 | 1.4 |
| 6/3/2009 | 11.6 | 11.4 | 11.3 | 11.1 | 10.9 | 10.8 | 10.7 | 10.7 | 10.7 | 10.7 | 10.9 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.0 | 11.0 | 11.0 | 10.7 | 11.6 | 0.9 |
| 6/4/2009 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.2 | 10.3 | 10.6 | 10.7 | 10.9 | 11.3 | 11.3 | 11.4 | 11.6 | 11.7 | 11.7 | 11.6 | 11.4 | 11.3 | 11.1 | 10.9 | 10.1 | 11.7 | 1.6 |
| 6/5/2009 | 10.9 | 10.6 | 10.5 | 10.3 | 10.1 | 10.0 | 9.8 | 9.7 | 9.5 | 9.5 | 9.4 | 9.5 | 9.4 | 9.3 | 9.4 | 9.4 | 9.3 | 9.3 | 9.4 | 9.3 | 9.3 | 9.1 | 9.0 | 8.9 | 9.6 | 8.9 | 10.9 | 2.0 |
| 6/6/2009 | 8.7 | 8.5 | 8.3 | 8.1 | 8.0 | 7.9 | 7.8 | 7.8 | 7.9 | 8.0 | 8.0 | 8.2 | 8.3 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.7 | 8.8 | 8.8 | 8.8 | 8.8 | 8.7 | 8.4 | 7.8 | 8.8 | 1.0 |
| 6/7/2009 | 8.7 | 8.6 | 8.6 | 8.5 | 8.3 | 8.2 | 8.0 | 7.9 | 7.9 | 8.0 | 8.2 | 8.6 | 9.1 | 9.6 | 10.1 | 10.5 | 10.7 | 10.8 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 9.3 | 7.9 | 10.8 | 2.9 |
| 6/8/2009 | 10.2 | 10.1 | 9.9 | 9.7 | 9.5 | 9.3 | 9.1 | 9.0 | 9.0 | 9.0 | 9.2 | 9.5 | 9.9 | 10.2 | 10.8 | 11.2 | 11.5 | 11.7 | 11.9 | 12.0 | 12.0 | 11.9 | 11.8 | 11.6 | 10.4 | 9.0 | 12.0 | 3.0 |
| 6/9/2009 | 11.4 | 11.3 | 11.1 | 10.9 | 10.7 | 10.6 | 10.4 | 10.3 | 10.2 | 10.3 | 10.5 | 10.8 | 11.2 | 11.6 | 11.9 | 12.2 | 12.3 | 12.5 | 12.6 | 12.6 | 12.6 | 12.4 | 12.3 | 12.1 | 11.4 | 10.2 | 12.6 | 2.4 |
| 6/10/2009 | 12.0 | 11.8 | 11.7 | 11.5 | 11.4 | 11.2 | 11.0 | 10.9 | 10.8 | 10.8 | 10.9 | 11.0 | 11.3 | 11.5 | 11.8 | 12.1 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 | 12.4 | 12.3 | 12.1 | 11.7 | 10.8 | 12.6 | 1.8 |
| 6/11/2009 | 11.9 | 11.7 | 11.5 | 11.2 | 10.9 | 10.7 | 10.5 | 10.3 | 10.2 | 10.2 | 10.4 | 10.4 | 10.8 | 11.1 | 11.3 | 11.5 | 11.8 | 11.9 | 11.9 | 12.1 | 12.1 | 12.0 | 11.9 | 11.7 | 11.3 | 10.2 | 12.1 | 1.8 |
| 6/12/2009 | 11.5 | 11.3 | 11.1 | 10.8 | 10.6 | 10.4 | 10.2 | 10.1 | 10.1 | 10.1 | 10.3 | 10.5 | 10.7 | 11.0 | 11.3 | 11.7 | 11.8 | 11.9 | 12.1 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.2 | 10.1 | 12.1 | 2.0 |
| 6/13/2009 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.4 | 11.4 | 11.4 | 11.6 | 11.6 | 11.7 | 11.8 | 11.7 | 11.7 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.2 | 11.9 | 0.7 |
| 6/14/2009 | 11.4 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 10.0 | 10.1 | 10.3 | 10.4 | 10.6 | 10.9 | 11.3 | 11.5 | 11.6 | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.1 | 10.0 | 11.9 | 1.9 |
| 6/15/2009 | 11.6 | 11.4 | 11.3 | 11.0 | 10.8 | 10.6 | 10.4 | 10.3 | 10.2 | 10.3 | 10.4 | 10.7 | 10.9 | 11.3 | 11.5 | 11.8 | 12.0 | 12.1 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 11.3 | 10.2 | 12.2 | 2.0 |
| 6/16/2009 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 11.5 | 11.3 | 11.2 | 11.2 | 11.3 | 11.5 | 11.8 | 12.0 | 12.4 | 12.6 | 12.6 | 12.9 | 12.9 | 12.9 | 13.0 | 13.0 | 13.0 | 12.9 | 12.8 | 12.2 | 11.2 | 13.0 | 1.8 |
| 6/17/2009 | 12.7 | 12.5 | 12.4 | 12.2 | 12.1 | 11.9 | 11.8 | 11.7 | 11.6 | 11.6 | 11.8 | 12.1 | 12.6 | 12.9 | 13.3 | 13.6 | 13.8 | 14.0 | 14.1 | 14.2 | 14.2 | 14.0 | 13.8 | 13.7 | 12.9 | 11.6 | 14.2 | 2.6 |
| 6/18/2009 | 13.5 | 13.3 | 13.1 | 13.0 | 12.7 | 12.6 | 12.4 | 12.3 | 12.3 | 12.3 | 12.5 | 12.8 | 13.2 | 13.6 | 14.0 | 14.4 | 14.6 | 14.8 | 14.9 | 15.0 | 15.0 | 14.9 | 14.9 | 14.7 | 13.6 | 12.3 | 15.0 | 2.7 |
| 6/19/2009 | 14.6 | 14.4 | 14.2 | 14.0 | 13.7 | 13.4 | 13.2 | 13.0 | 13.0 | 13.0 | 13.2 | 13.6 | 14.0 | 14.2 | 14.5 | 14.8 | 14.9 | 15.1 | 15.2 | 15.2 | 15.2 | 15.2 | 15.2 | 15.1 | 14.2 | 13.0 | 15.2 | 2.2 |
| 6/20/2009 | 14.9 | 14.7 | 14.4 | 14.1 | 13.8 | 13.5 | 13.3 | 13.1 | 13.0 | 13.0 | 13.1 | 13.2 | 13.4 | 13.6 | 13.6 | 13.7 | 13.9 | 13.9 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 | 13.7 | 13.0 | 14.9 | 1.9 |
| 6/21/2009 | 13.5 | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.6 | 12.4 | 12.3 | 12.3 | 12.4 | 12.6 | 12.9 | 13.2 | 13.5 | 13.6 | 13.8 | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 13.9 | 13.8 | 13.3 | 12.3 | 14.0 | 1.7 |
| 6/22/2009 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.8 | 12.6 | 12.4 | 12.3 | 12.2 | 12.4 | 12.6 | 13.0 | 13.4 | 13.8 | 14.1 | 14.3 | 14.5 | 14.7 | 14.8 | 14.8 | 14.8 | 14.7 | 14.6 | 13.6 | 12.2 | 14.8 | 2.6 |
| 6/23/2009 | 14.4 | 14.3 | 14.2 | 14.0 | 13.9 | 13.7 | 13.6 | 13.4 | 13.4 | | | | | | | 15.1 | 15.2 | 15.4 | 15.5 | 15.6 | 15.6 | 15.6 | 15.5 | 15.4 | 14.7 | 13.4 | 15.6 | 2.3 |
| 6/24/2009 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.7 | 14.5 | 14.4 | 14.3 | 14.3 | 14.5 | 14.7 | 15.1 | 15.5 | 15.7 | 15.9 | 16.1 | 16.1 | 16.2 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 15.4 | 14.3 | 16.3 | 2.0 |
| 6/25/2009 | 15.9 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.7 | 14.6 | 14.6 | 14.7 | 15.0 | 15.2 | 15.5 | 15.7 | 15.8 | 15.9 | 15.9 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.8 | 15.5 | 14.6 | 16.0 | 1.4 |
| 6/26/2009 | 15.7 | 15.6 | 15.4 | 15.3 | 15.2 | 15.0 | 14.8 | 14.6 | 14.5 | 14.5 | 14.7 | 15.0 | 15.3 | 15.6 | 15.8 | 15.9 | 16.0 | 16.0 | 16.1 | 16.2 | 16.2 | 16.2 | 16.1 | 16.0 | 15.5 | 14.5 | 16.2 | 1.7 |
| 6/27/2009 | 15.9 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.2 | 15.2 | 15.3 | 15.5 | 15.8 | 16.1 | 16.4 | 16.6 | 16.7 | 16.7 | 16.7 | 16.8 | 16.9 | 16.9 | 16.9 | 16.9 | 16.8 | 16.1 | 15.2 | 16.9 | 1.7 |
| 6/28/2009 | 16.7 | 16.6 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.8 | 15.8 | 15.9 | 16.1 | 16.4 | 16.7 | 17.0 | 17.2 | 17.2 | 17.2 | 17.1 | 17.2 | 17.2 | 17.3 | 17.2 | 17.2 | 17.1 | 16.6 | 15.8 | 17.3 | 1.5 |
| 6/29/2009 | 16.9 | 16.8 | 16.6 | 16.5 | 16.4 | 16.2 | 16.1 | 16.0 | 16.0 | 16.0 | 16.2 | 16.5 | 16.9 | 17.1 | 17.2 | 17.2 | 17.1 | 17.0 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 16.7 | 16.0 | 17.2 | 1.2 |
| 6/30/2009 | 16.7 | 16.6 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 15.8 | 15.8 | 15.9 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.3 | 16.5 | 16.5 | 16.4 | 16.3 | 16.3 | 16.4 | 16.4 | 16.4 | 16.2 | 15.8 | 16.7 | 0.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 8.4 | Minimum | 7.8 |
| Mean Daily Mean | 12.7 | Mean Minimum | 11.8 |
| Maximum Daily Mean | 16.7 | | |
| | | Maximum | 17.3 |
| Minumum Range | 0.7 | Mean Maximum | 13.6 |
| Maximum Range | 3.0 | | |
| | | Mean Range | 1.8 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek above the confluence with the North Fork North Fork Mokelumne River**
**Station CC1**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.6 | 15.9 | 16.2 | 16.6 | 16.9 | 17.1 | 17.0 | 16.8 | 16.7 | 16.6 | 16.7 | 16.7 | 16.8 | 16.8 | 16.7 | 16.3 | 15.5 | 17.1 | 1.5 |
| 7/2/2009 | 16.6 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.5 | 15.5 | 15.5 | 15.7 | 16.1 | 16.5 | 16.8 | 17.1 | 17.0 | 16.8 | 16.6 | 16.5 | 16.4 | 16.5 | 16.5 | 16.5 | 16.5 | 16.3 | 15.5 | 17.1 | 1.6 |
| 7/3/2009 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 15.8 | 15.7 | 15.6 | 15.6 | 15.6 | 15.9 | 16.2 | 16.6 | 16.8 | 16.9 | 16.9 | 16.6 | 16.3 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.1 | 15.6 | 16.9 | 1.3 |
| 7/4/2009 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.3 | 15.4 | 15.7 | 16.0 | 16.4 | 16.7 | 16.8 | 16.8 | 16.5 | 16.2 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.2 | 16.8 | 1.6 |
| 7/5/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/6/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/7/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/8/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/9/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/10/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/11/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/12/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/13/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/14/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/15/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/16/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/17/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/18/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/19/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/20/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/21/2009 | 16.4 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.4 | 15.4 | 15.5 | 15.8 | 16.5 | 17.2 | 18.0 | 18.5 | 18.8 | 18.7 | 18.3 | 17.9 | 17.5 | 17.3 | 17.1 | 16.8 | 16.6 | 16.8 | 15.4 | 18.8 | 3.4 |
| 7/22/2009 | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.4 | 15.3 | 15.3 | 15.4 | 15.7 | 16.3 | 17.0 | 17.8 | 18.3 | 18.7 | 18.5 | 18.2 | 17.8 | 17.5 | 17.3 | 17.0 | 16.8 | 16.7 | 16.7 | 15.3 | 18.7 | 3.4 |
| 7/23/2009 | 16.5 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.7 | 15.8 | 16.1 | 16.7 | 17.3 | 18.0 | 18.5 | 18.9 | 18.7 | 18.4 | 18.0 | 17.7 | 17.5 | 17.3 | 17.1 | 16.8 | 17.0 | 15.7 | 18.9 | 3.2 |
| 7/24/2009 | 16.7 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 15.8 | 15.7 | 15.7 | 15.9 | 16.1 | 16.7 | 17.4 | 18.1 | 18.6 | 19.0 | 18.8 | 18.5 | 18.1 | 17.8 | 17.5 | 17.3 | 17.1 | 16.9 | 17.0 | 15.7 | 19.0 | 3.3 |
| 7/25/2009 | 16.7 | 16.5 | 16.3 | 16.2 | 16.0 | 15.8 | 15.7 | 15.6 | 15.6 | 15.7 | 15.9 | 16.5 | 17.2 | 18.0 | 18.5 | 18.9 | 18.8 | 18.4 | 18.0 | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.9 | 15.6 | 18.9 | 3.3 |
| 7/26/2009 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.6 | 15.8 | 16.0 | 16.6 | 17.3 | 18.1 | 18.6 | 18.9 | 18.9 | 18.6 | 18.2 | 17.9 | 17.7 | 17.5 | 17.3 | 17.1 | 17.0 | 15.6 | 18.9 | 3.3 |
| 7/27/2009 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.7 | 15.8 | 16.0 | 16.5 | 17.3 | 18.0 | 18.6 | 19.0 | 18.9 | 18.6 | 18.2 | 18.0 | 17.7 | 17.6 | 17.4 | 17.2 | 17.1 | 15.7 | 19.0 | 3.3 |
| 7/28/2009 | 17.0 | 16.9 | 16.7 | 16.5 | 16.4 | 16.3 | 16.1 | 16.0 | 16.0 | 16.1 | 16.3 | 16.8 | 17.6 | 18.4 | 18.9 | 19.2 | 19.2 | 18.9 | 18.6 | 18.4 | 18.2 | 18.0 | 17.9 | 17.7 | 17.4 | 16.0 | 19.2 | 3.2 |
| 7/29/2009 | 17.5 | 17.4 | 17.2 | 17.1 | 16.9 | 16.7 | 16.6 | 16.5 | 16.4 | 16.5 | 16.7 | 17.2 | 17.9 | 18.7 | 19.1 | 19.5 | 19.4 | 19.1 | 18.8 | 18.5 | 18.3 | 18.1 | 17.9 | 17.7 | 17.7 | 16.4 | 19.5 | 3.0 |
| 7/30/2009 | 17.6 | 17.4 | 17.2 | 17.1 | 16.9 | 16.8 | 16.7 | 16.6 | 16.6 | 16.7 | 16.9 | 17.4 | 18.0 | 18.7 | 19.2 | 19.6 | 19.5 | 19.2 | 18.9 | 18.6 | 18.4 | 18.1 | 18.0 | 17.8 | 17.8 | 16.6 | 19.6 | 3.0 |
| 7/31/2009 | 17.6 | 17.4 | 17.2 | 17.0 | 16.8 | 16.7 | 16.5 | 16.4 | 16.3 | 16.4 | 16.6 | 17.0 | 17.6 | 18.3 | 18.7 | 19.1 | 19.1 | 18.8 | 18.5 | 18.3 | 18.1 | 17.9 | 17.7 | 17.5 | 17.6 | 16.3 | 19.1 | 2.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 15.9 | Minimum | 15.2 |
| Mean Daily Mean | 16.9 | Mean Minimum | 15.7 |
| Maximum Daily Mean | 17.8 | | |
| | | Maximum | 19.6 |
| Minumum Range | 1.3 | Mean Maximum | 18.5 |
| Maximum Range | 3.4 | | |
| | | Mean Range | 2.7 |
| # of Days <= 20 (ºC) | 15 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek above the confluence with the North Fork North Fork Mokelumne River**
**Station CC1**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 17.4 | 17.2 | 17.0 | 16.9 | 16.7 | 16.6 | 16.4 | 16.3 | 16.3 | 16.3 | 16.5 | 16.8 | 17.3 | 17.8 | 18.2 | 18.5 | 18.6 | 18.3 | 18.1 | 17.8 | 17.6 | 17.5 | 17.3 | 17.1 | 17.3 | 16.3 | 18.6 | 2.3 |
| 8/2/2009 | 17.0 | 16.8 | 16.7 | 16.5 | 16.4 | 16.3 | 16.1 | 16.0 | 16.0 | 16.1 | 16.3 | 16.8 | 17.4 | 18.0 | 18.4 | 18.8 | 18.7 | 18.4 | 18.1 | 17.8 | 17.6 | 17.4 | 17.2 | 17.0 | 17.2 | 16.0 | 18.8 | 2.8 |
| 8/3/2009 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 15.9 | 15.8 | 15.7 | 15.6 | 15.7 | 15.9 | 16.4 | 17.1 | 17.9 | 18.4 | 18.7 | 18.6 | 18.3 | 18.0 | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.9 | 15.6 | 18.7 | 3.0 |
| 8/4/2009 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.6 | 15.5 | 15.6 | 15.8 | 16.3 | 16.9 | 17.7 | 18.1 | 18.2 | 18.2 | 17.9 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 16.6 | 16.7 | 15.5 | 18.2 | 2.7 |
| 8/5/2009 | 16.4 | 16.2 | 16.1 | 15.9 | 15.7 | 15.6 | 15.4 | 15.4 | 15.3 | 15.4 | 15.7 | 16.0 | 16.5 | 17.1 | 17.2 | 17.2 | 17.2 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 16.3 | 15.3 | 17.2 | 1.9 |
| 8/6/2009 | 15.9 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.8 | 14.8 | 14.9 | 15.1 | 15.5 | 15.6 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 15.3 | 14.8 | 15.9 | 1.1 |
| 8/7/2009 | 14.8 | 14.6 | 14.5 | 14.3 | 14.2 | 14.1 | 13.9 | 13.8 | 13.8 | 13.9 | 14.1 | 14.7 | 15.4 | 16.1 | 16.4 | 16.5 | 16.5 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 15.3 | 15.1 | 13.8 | 16.5 | 2.7 |
| 8/8/2009 | 15.1 | 15.0 | 14.8 | 14.7 | 14.5 | 14.4 | 14.2 | 14.2 | 14.1 | 14.2 | 14.5 | 15.1 | 15.8 | 16.6 | 17.0 | 17.3 | 17.3 | 17.0 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.5 | 14.1 | 17.3 | 3.2 |
| 8/9/2009 | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.6 | 14.9 | 15.4 | 16.2 | 16.9 | 17.5 | 17.7 | 17.7 | 17.4 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 14.5 | 17.7 | 3.2 |
| 8/10/2009 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.2 | 15.1 | 15.1 | 15.2 | 15.4 | 16.0 | 16.7 | 17.5 | 18.0 | 18.3 | 18.2 | 17.9 | 17.6 | 17.3 | 17.2 | 17.0 | 16.8 | 16.6 | 16.5 | 15.1 | 18.3 | 3.2 |
| 8/11/2009 | 16.4 | 16.2 | 16.1 | 15.9 | 15.8 | 15.6 | 15.5 | 15.4 | 15.4 | 15.5 | 15.8 | 16.3 | 16.9 | 17.7 | 18.1 | 18.3 | 18.2 | 17.8 | 17.5 | 17.2 | 17.0 | 16.8 | 16.7 | 16.5 | 16.6 | 15.4 | 18.3 | 2.9 |
| 8/12/2009 | 16.3 | 16.1 | 15.9 | 15.8 | 15.6 | 15.5 | 15.4 | 15.3 | 15.3 | 15.3 | 15.6 | 16.1 | 16.8 | 17.5 | 18.0 | 18.2 | 18.1 | 17.8 | 17.5 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.5 | 15.3 | 18.2 | 2.9 |
| 8/13/2009 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.1 | 14.9 | 14.8 | 14.9 | 15.2 | 15.8 | 16.6 | 17.4 | 17.9 | 18.1 | 18.0 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 16.7 | 16.5 | 16.3 | 14.8 | 18.1 | 3.3 |
| 8/14/2009 | 16.3 | 16.1 | 15.9 | 15.8 | 15.6 | 15.4 | 15.3 | 15.2 | 15.1 | 15.2 | 15.4 | 16.0 | 16.7 | 17.5 | 17.9 | 18.0 | 17.9 | 17.5 | 17.2 | 16.9 | 16.6 | 16.4 | 16.2 | 16.0 | 16.3 | 15.1 | 18.0 | 2.9 |
| 8/15/2009 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 | 14.3 | 14.2 | 14.2 | 14.4 | 15.0 | 15.8 | 16.7 | 17.2 | 17.4 | 17.3 | 16.9 | 16.6 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.7 | 14.2 | 17.4 | 3.2 |
| 8/16/2009 | 15.4 | 15.3 | 15.1 | 14.9 | 14.8 | 14.6 | 14.4 | 14.3 | 14.2 | 14.3 | 14.5 | 15.1 | 16.0 | 16.9 | 17.3 | 17.5 | 17.5 | 17.1 | 16.9 | 16.6 | 16.4 | 16.2 | 16.1 | 15.9 | 15.7 | 14.2 | 17.5 | 3.3 |
| 8/17/2009 | 15.7 | 15.6 | 15.4 | 15.2 | 15.1 | 14.9 | 14.8 | 14.6 | 14.6 | 14.6 | 14.9 | 15.4 | 16.3 | 17.1 | 17.6 | 17.8 | 17.7 | 17.4 | 17.2 | 16.9 | 16.8 | 16.6 | 16.5 | 16.3 | 16.0 | 14.6 | 17.8 | 3.2 |
| 8/18/2009 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.3 | 15.1 | 15.0 | 14.9 | 14.9 | 15.2 | 15.7 | 16.5 | 17.4 | 17.9 | 18.2 | 18.2 | 17.9 | 17.6 | 17.3 | 17.1 | 17.0 | 16.8 | 16.7 | 16.4 | 14.9 | 18.2 | 3.3 |
| 8/19/2009 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.4 | 15.6 | 16.1 | 16.9 | 17.9 | 18.4 | 18.6 | 18.6 | 18.3 | 18.0 | 17.8 | 17.6 | 17.4 | 17.3 | 17.1 | 16.8 | 15.3 | 18.6 | 3.3 |
| 8/20/2009 | 16.9 | 16.8 | 16.6 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.8 | 16.0 | 16.5 | 17.3 | 18.2 | 18.7 | 18.9 | 18.9 | 18.6 | 18.3 | 18.1 | 17.9 | 17.7 | 17.5 | 17.4 | 17.2 | 15.7 | 18.9 | 3.2 |
| 8/21/2009 | 17.2 | 17.0 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 16.0 | 16.0 | 16.2 | 16.6 | 17.4 | 18.3 | 18.8 | 19.0 | 19.0 | 18.6 | 18.3 | 18.0 | 17.8 | 17.6 | 17.4 | 17.2 | 17.3 | 16.0 | 19.0 | 3.0 |
| 8/22/2009 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 15.9 | 15.8 | 15.9 | 16.1 | 16.5 | 17.2 | 17.6 | 17.7 | 17.9 | 18.0 | 18.0 | 17.8 | 17.7 | 17.5 | 17.4 | 17.3 | 17.2 | 17.0 | 15.8 | 18.0 | 2.2 |
| 8/23/2009 | 17.1 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.6 | 16.5 | 16.4 | 16.5 | 16.6 | 16.8 | 17.2 | 17.5 | 17.8 | 17.8 | 17.5 | 17.2 | 17.1 | 16.9 | 16.7 | 16.6 | 16.4 | 16.9 | 16.4 | 17.8 | 1.4 |
| 8/24/2009 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.3 | 15.5 | 16.0 | 16.8 | 17.5 | 18.0 | 18.1 | 18.1 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.5 | 15.3 | 18.1 | 2.8 |
| 8/25/2009 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.2 | 15.1 | 15.0 | 15.1 | 15.3 | 15.9 | 16.7 | 17.8 | 17.9 | 17.9 | 17.8 | 17.5 | 17.2 | 16.9 | 16.8 | 16.6 | 16.4 | 16.2 | 16.3 | 15.0 | 17.9 | 2.9 |
| 8/26/2009 | 16.0 | 15.8 | 15.6 | 15.5 | 15.4 | 15.3 | 15.1 | 15.0 | 14.9 | 14.9 | 15.2 | 15.7 | 16.7 | 17.5 | 17.8 | 17.9 | 17.8 | 17.4 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.2 | 14.9 | 17.9 | 3.0 |
| 8/27/2009 | 16.0 | 15.8 | 15.6 | 15.4 | 15.3 | 15.1 | 14.9 | 14.8 | 14.7 | 14.7 | 14.9 | 15.5 | 16.4 | 17.2 | 17.6 | 17.8 | 17.7 | 17.3 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 14.7 | 17.8 | 3.1 |
| 8/28/2009 | 16.0 | 15.9 | 15.7 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.1 | 15.2 | 15.3 | 15.6 | 16.0 | 16.7 | 17.2 | 17.3 | 17.2 | 17.1 | 16.9 | 16.8 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 15.1 | 17.3 | 2.2 |
| 8/29/2009 | 16.1 | 15.9 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 15.0 | 15.0 | 15.0 | 15.3 | 15.9 | 16.8 | 17.7 | 18.1 | 18.2 | 18.2 | 17.9 | 17.6 | 17.4 | 17.2 | 17.1 | 16.9 | 16.8 | 16.5 | 15.0 | 18.2 | 3.2 |
| 8/30/2009 | 16.6 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 15.8 | 15.6 | 15.6 | 15.6 | 15.8 | 16.3 | 17.3 | 18.0 | 18.4 | 18.4 | 18.3 | 18.0 | 17.6 | 17.4 | 17.2 | 17.1 | 16.9 | 16.8 | 16.8 | 15.6 | 18.4 | 2.8 |
| 8/31/2009 | 16.6 | 16.4 | 16.3 | 16.1 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.5 | 15.8 | 16.3 | 17.1 | 17.9 | 18.3 | 18.4 | 18.3 | 18.0 | 17.6 | 17.5 | 17.3 | 17.1 | 16.9 | 16.8 | 16.8 | 15.5 | 18.4 | 2.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 15.1 | Minimum | 13.8 |
| Mean Daily Mean | 16.4 | Mean Minimum | 15.2 |
| Maximum Daily Mean | 17.3 | | |
| | | Maximum | 19.0 |
| Minumum Range | 1.1 | Mean Maximum | 18.0 |
| Maximum Range | 3.3 | | |
| | | Mean Range | 2.8 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Cole Creek above the confluence with the North Fork North Fork Mokelumne River**
**Station CC1**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 16.6 | 16.4 | 16.3 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.7 | 16.2 | 17.1 | 17.9 | 18.3 | 18.4 | 18.2 | 17.9 | 17.6 | 17.4 | 17.2 | 17.0 | 16.8 | 16.7 | 16.8 | 15.5 | 18.4 | 2.8 |
| 9/2/2009 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.8 | 16.3 | 17.1 | 17.6 | 17.8 | 17.8 | 17.8 | 17.7 | 17.5 | 17.3 | 17.1 | 17.0 | 16.8 | 16.7 | 16.7 | 15.6 | 17.8 | 2.2 |
| 9/3/2009 | 16.5 | 16.4 | 16.2 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.7 | 15.9 | 16.4 | 17.2 | 18.0 | 18.4 | 18.5 | 18.4 | 18.1 | 17.7 | 17.5 | 17.3 | 17.1 | 17.0 | 16.8 | 16.8 | 15.6 | 18.5 | 2.9 |
| 9/4/2009 | 16.7 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.6 | 15.5 | 15.5 | 15.7 | 16.2 | 17.0 | 17.8 | 18.2 | 18.2 | 18.1 | 17.8 | 17.5 | 17.2 | 17.0 | 16.8 | 16.6 | 16.5 | 16.7 | 15.5 | 18.2 | 2.8 |
| 9/5/2009 | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.3 | 15.2 | 15.1 | 15.1 | 15.3 | 15.7 | 16.5 | 17.4 | 17.7 | 17.8 | 17.7 | 17.3 | 17.0 | 16.8 | 16.6 | 16.4 | 16.2 | 16.0 | 16.3 | 15.1 | 17.8 | 2.7 |
| 9/6/2009 | 15.9 | 15.7 | 15.5 | 15.3 | 15.2 | 15.0 | 14.9 | 14.7 | 14.6 | 14.5 | 14.7 | 15.2 | 16.1 | 16.9 | 17.3 | 17.4 | 17.3 | 17.0 | 16.6 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.8 | 14.5 | 17.4 | 2.9 |
| 9/7/2009 | 15.5 | 15.3 | 15.2 | 15.0 | 14.8 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.4 | 14.9 | 15.8 | 16.6 | 17.0 | 17.1 | 17.1 | 16.8 | 16.4 | 16.1 | 15.9 | 15.7 | 15.6 | 15.4 | 15.5 | 14.2 | 17.1 | 2.9 |
| 9/8/2009 | 15.2 | 15.1 | 14.9 | 14.7 | 14.6 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 14.3 | 14.8 | 15.7 | 16.5 | 16.9 | 17.1 | 17.0 | 16.7 | 16.4 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 14.0 | 17.1 | 3.0 |
| 9/9/2009 | 15.4 | 15.3 | 15.2 | 15.0 | 14.9 | 14.8 | 14.6 | 14.5 | 14.5 | 14.5 | 14.7 | 15.2 | 16.1 | 17.0 | 17.4 | 17.5 | 17.4 | 17.1 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 15.9 | 15.8 | 14.5 | 17.5 | 3.0 |
| 9/10/2009 | 15.8 | 15.6 | 15.5 | 15.3 | 15.2 | 15.1 | 15.0 | 14.8 | 14.7 | 14.8 | 15.0 | 15.5 | 16.3 | 17.1 | 17.5 | 17.6 | 17.6 | 17.3 | 17.0 | 16.8 | 16.7 | 16.5 | 16.4 | 16.3 | 16.1 | 14.7 | 17.6 | 2.9 |
| 9/11/2009 | 16.1 | 16.0 | 15.9 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.2 | 15.4 | 16.0 | 16.9 | 17.5 | 17.9 | 17.9 | 17.9 | 17.6 | 17.4 | 17.2 | 17.1 | 16.9 | 16.8 | 16.7 | 16.5 | 15.2 | 17.9 | 2.7 |
| 9/12/2009 | 16.6 | 16.5 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 | 15.7 | 15.6 | 15.8 | 16.3 | 16.8 | 17.0 | 17.1 | 17.2 | 17.2 | 17.2 | 17.0 | 16.9 | 16.7 | 16.6 | 16.5 | 16.3 | 16.5 | 15.6 | 17.2 | 1.6 |
| 9/13/2009 | 16.2 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.2 | 15.1 | 15.1 | 15.2 | 15.6 | 16.3 | 17.0 | 17.1 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.9 | 15.7 | 15.6 | 16.0 | 15.1 | 17.1 | 2.1 |
| 9/14/2009 | 15.4 | 15.3 | 15.2 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.6 | 14.6 | 14.6 | 14.8 | 15.1 | 15.2 | 15.3 | 15.5 | 15.5 | 15.5 | 15.4 | 15.3 | 15.1 | 15.0 | 14.9 | 14.7 | 15.0 | 14.6 | 15.5 | 0.9 |
| 9/15/2009 | 14.6 | 14.5 | 14.3 | 14.2 | 14.1 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.7 | 14.3 | 15.2 | 16.0 | 16.4 | 16.5 | 16.5 | 16.2 | 16.0 | 15.8 | 15.7 | 15.6 | 15.4 | 15.3 | 14.9 | 13.5 | 16.5 | 3.0 |
| 9/16/2009 | 15.2 | 15.1 | 15.0 | 14.9 | 14.7 | 14.6 | 14.5 | 14.3 | 14.2 | 14.2 | 14.3 | 14.8 | 15.7 | 16.4 | 16.8 | 17.0 | 17.0 | 16.8 | 16.5 | 16.3 | 16.1 | 16.0 | 15.9 | 15.8 | 15.5 | 14.2 | 17.0 | 2.8 |
| 9/17/2009 | 15.7 | 15.5 | 15.4 | 15.3 | 15.1 | 15.0 | 14.9 | 14.7 | 14.7 | 14.6 | 14.7 | 15.2 | 16.0 | 16.7 | 17.0 | 17.2 | 17.2 | 17.0 | 16.7 | 16.5 | 16.4 | 16.3 | 16.2 | 16.1 | 15.8 | 14.6 | 17.2 | 2.6 |
| 9/18/2009 | 16.0 | 15.8 | 15.7 | 15.6 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 15.0 | 15.5 | 16.4 | 17.1 | 17.5 | 17.6 | 17.5 | 17.3 | 17.0 | 16.8 | 16.6 | 16.5 | 16.3 | 16.2 | 16.1 | 14.9 | 17.6 | 2.7 |
| 9/19/2009 | 16.1 | 16.0 | 15.8 | 15.7 | 15.6 | 15.4 | 15.3 | 15.2 | 15.2 | 15.2 | 15.3 | 15.7 | 16.4 | 16.9 | 17.2 | 17.4 | 17.3 | 17.1 | 16.8 | 16.7 | 16.5 | 16.3 | 16.2 | 16.0 | 16.1 | 15.2 | 17.4 | 2.2 |
| 9/20/2009 | 15.9 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 14.9 | 14.8 | 14.7 | 14.7 | 14.8 | 15.3 | 16.2 | 17.0 | 17.3 | 17.5 | 17.3 | 17.1 | 16.8 | 16.6 | 16.5 | 16.3 | 16.2 | 16.0 | 16.0 | 14.7 | 17.5 | 2.8 |
| 9/21/2009 | 15.9 | 15.7 | 15.6 | 15.5 | 15.4 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.9 | 15.3 | 16.1 | 16.8 | 17.3 | 17.5 | 17.5 | 17.2 | 17.0 | 16.8 | 16.6 | 16.3 | 16.1 | 16.0 | 16.0 | 14.8 | 17.5 | 2.7 |
| 9/22/2009 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.2 | 15.0 | 14.9 | 14.8 | 14.8 | 14.8 | 15.2 | 16.1 | 16.8 | 17.2 | 17.4 | 17.4 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 16.1 | 15.9 | 16.0 | 14.8 | 17.4 | 2.6 |
| 9/23/2009 | 15.8 | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.8 | 14.8 | 14.7 | 14.6 | 14.7 | 15.2 | 16.0 | 16.7 | 17.2 | 17.3 | 17.3 | 17.0 | 16.8 | 16.6 | 16.4 | 16.3 | 16.1 | 16.0 | 15.9 | 14.6 | 17.3 | 2.7 |
| 9/24/2009 | 15.8 | 15.7 | 15.5 | 15.4 | 15.2 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.7 | 15.2 | 16.0 | 16.7 | 17.1 | 17.3 | 17.2 | 16.9 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 15.9 | 15.9 | 14.6 | 17.3 | 2.7 |
| 9/25/2009 | 15.8 | 15.7 | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.8 | 15.2 | 16.1 | 16.7 | 17.1 | 17.3 | 17.3 | 17.1 | 16.8 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 15.9 | 14.7 | 17.3 | 2.6 |
| 9/26/2009 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.8 | 14.7 | 14.6 | 14.7 | 15.2 | 16.0 | 16.7 | 17.1 | 17.3 | 17.2 | 17.0 | 16.8 | 16.6 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 14.6 | 17.3 | 2.7 |
| 9/27/2009 | 15.9 | 15.8 | 15.6 | 15.5 | 15.4 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.8 | 15.3 | 16.0 | 16.7 | 17.1 | 17.3 | 17.3 | 17.1 | 16.9 | 16.8 | 16.6 | 16.4 | 16.3 | 16.2 | 16.0 | 14.8 | 17.3 | 2.5 |
| 9/28/2009 | 16.0 | 15.9 | 15.8 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.1 | 15.0 | 15.1 | 15.4 | 16.0 | 16.5 | 16.8 | 16.9 | 16.8 | 16.6 | 16.5 | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.9 | 15.0 | 16.9 | 1.9 |
| 9/29/2009 | 15.5 | 15.4 | 15.3 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.5 | 14.3 | 14.1 | 13.9 | 13.7 | 13.5 | 13.3 | 14.6 | 13.3 | 15.5 | 2.1 |
| 9/30/2009 | 13.2 | 13.0 | 12.8 | 12.7 | 12.5 | 12.3 | 12.2 | 12.0 | 11.9 | 11.8 | 11.8 | 12.2 | 12.9 | 13.4 | 13.7 | 13.9 | 13.8 | 13.6 | 13.4 | 13.2 | 13.0 | 12.9 | 12.7 | 12.5 | 12.8 | 11.8 | 13.9 | 2.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.8 | Minimum | 11.8 |
| Mean Daily Mean | 15.8 | Mean Minimum | 14.7 |
| Maximum Daily Mean | 16.8 | | |
| | | Maximum | 18.5 |
| Minumum Range | 0.9 | Mean Maximum | 17.2 |
| Maximum Range | 3.0 | | |
| | | Mean Range | 2.5 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Lower Bear River Reservoir**
**Station BR1**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 6.5 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.4 | 6.5 | 6.8 | 7.0 | 7.1 | 7.3 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.2 | 7.0 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 6.3 | 7.5 | 1.2 |
| 6/2/2009 | 6.8 | 6.7 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.7 | 6.9 | 7.0 | 7.2 | 7.3 | 7.2 | 7.0 | 7.4 | 7.5 | 7.6 | 7.6 | 7.7 | 7.5 | 7.3 | 7.2 | 7.3 | 7.3 | 7.1 | 6.6 | 7.7 | 1.1 |
| 6/3/2009 | 7.3 | 7.2 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.3 | 7.4 | 7.7 | 7.9 | 7.9 | 7.9 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.5 | 7.1 | 7.9 | 0.8 |
| 6/4/2009 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.1 | 7.2 | 7.4 | 7.7 | 7.9 | 8.4 | 8.8 | 8.2 | 8.2 | 8.1 | 8.0 | 7.9 | 7.7 | 7.6 | 7.5 | 7.5 | 7.5 | 7.4 | 7.7 | 7.1 | 8.8 | 1.7 |
| 6/5/2009 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 | 7.2 | 7.4 | 7.2 | 7.1 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 | 7.3 | 7.2 | 7.1 | 6.9 | 7.2 | 6.9 | 7.4 | 0.5 |
| 6/6/2009 | 6.8 | 6.7 | 6.7 | 6.6 | 6.7 | 6.9 | 7.0 | 7.0 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 | 6.6 | 7.7 | 1.1 |
| 6/7/2009 | 7.4 | 7.3 | 7.2 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 7.1 | 7.8 | 8.6 | 9.1 | 9.5 | 9.0 | 8.6 | 8.8 | 9.1 | 9.1 | 8.9 | 8.4 | 8.1 | 7.9 | 7.7 | 7.6 | 8.0 | 6.9 | 9.5 | 2.6 |
| 6/8/2009 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 | 7.1 | 7.0 | 7.1 | 7.3 | 7.9 | 8.7 | 9.2 | 9.6 | 10.0 | 10.0 | 9.2 | 9.0 | 9.0 | 8.6 | 8.2 | 8.0 | 7.8 | 7.7 | 7.7 | 8.2 | 7.0 | 10.0 | 3.0 |
| 6/9/2009 | 7.6 | 7.6 | 7.6 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.8 | 8.4 | 9.1 | 9.5 | 9.8 | 9.9 | 9.9 | 9.8 | 9.6 | 9.2 | 8.9 | 8.5 | 8.3 | 8.1 | 8.1 | 8.1 | 8.5 | 7.5 | 9.9 | 2.4 |
| 6/10/2009 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.1 | 8.3 | 8.7 | 9.2 | 9.4 | 9.9 | 10.1 | 10.3 | 10.4 | 10.1 | 9.9 | 9.5 | 9.1 | 8.9 | 8.9 | 8.8 | 8.7 | 9.0 | 8.0 | 10.4 | 2.3 |
| 6/11/2009 | 8.6 | 8.4 | 8.3 | 8.2 | 8.3 | 8.2 | 8.1 | 8.1 | 8.3 | 8.9 | 9.7 | 10.1 | 10.4 | 10.3 | 10.1 | 9.9 | 9.8 | 9.8 | 9.8 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.2 | 8.1 | 10.4 | 2.3 |
| 6/12/2009 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 9.0 | 9.3 | 9.8 | 10.2 | 10.6 | 10.8 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 10.1 | 9.9 | 9.8 | 9.7 | 9.7 | 9.7 | 8.9 | 10.8 | 1.9 |
| 6/13/2009 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.9 | 10.1 | 10.6 | 10.8 | 10.9 | 10.8 | 10.6 | 10.4 | 10.4 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 9.7 | 10.9 | 1.2 |
| 6/14/2009 | 10.0 | 9.9 | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 9.8 | 10.4 | 10.9 | 11.3 | 11.5 | 11.4 | 11.0 | 10.9 | 10.9 | 10.9 | 10.7 | 10.5 | 10.4 | 10.3 | 10.3 | 10.4 | 9.6 | 11.5 | 1.9 |
| 6/15/2009 | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.9 | 9.8 | 9.8 | 9.9 | 10.2 | 10.6 | 10.9 | 11.0 | 11.3 | 11.3 | 11.3 | 11.3 | 11.2 | 11.1 | 10.9 | 10.8 | 10.6 | 10.5 | 10.4 | 10.6 | 9.8 | 11.3 | 1.5 |
| 6/16/2009 | 10.4 | 10.4 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.4 | 10.9 | 11.4 | 11.3 | 11.4 | 11.4 | 11.4 | 11.3 | 11.4 | 11.2 | 11.1 | 10.9 | 10.8 | 10.7 | 10.7 | 10.8 | 10.1 | 11.4 | 1.3 |
| 6/17/2009 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.4 | 10.4 | 10.4 | 10.4 | 10.7 | 11.1 | 11.6 | 12.1 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 11.9 | 11.6 | 11.4 | 11.3 | 11.2 | 11.1 | 11.2 | 10.4 | 12.5 | 2.1 |
| 6/18/2009 | 11.1 | 11.0 | 11.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 11.0 | 11.5 | 12.1 | 12.6 | 12.8 | 12.8 | 12.6 | 12.6 | 12.5 | 12.3 | 12.0 | 11.8 | 11.7 | 11.6 | 11.5 | 11.6 | 10.7 | 12.8 | 2.1 |
| 6/19/2009 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.8 | 10.7 | 10.7 | 10.7 | 11.0 | 11.5 | 12.0 | 12.4 | 12.8 | 12.7 | 12.7 | 12.5 | 12.2 | 12.0 | 11.8 | 11.6 | 11.5 | 11.4 | 11.3 | 11.6 | 10.7 | 12.8 | 2.1 |
| 6/20/2009 | 11.2 | 11.1 | 10.9 | 10.8 | 10.6 | 10.5 | 10.4 | 10.3 | 10.3 | 10.5 | 10.9 | 11.3 | 11.7 | 11.9 | 11.8 | 11.6 | 11.4 | 11.1 | 10.9 | 10.7 | 10.4 | 10.3 | 10.3 | 10.4 | 10.9 | 10.3 | 11.9 | 1.6 |
| 6/21/2009 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.0 | 10.0 | 9.9 | 10.1 | 10.6 | 11.0 | 11.5 | 11.9 | 11.9 | 11.7 | 11.6 | 11.5 | 11.3 | 11.0 | 10.8 | 10.6 | 10.5 | 10.4 | 10.7 | 9.9 | 11.9 | 2.0 |
| 6/22/2009 | 10.3 | 10.2 | 10.0 | 9.9 | 9.8 | 9.7 | 9.5 | 9.4 | 9.3 | 9.6 | 10.1 | 10.6 | 11.1 | 11.4 | 11.4 | 11.3 | 11.2 | 11.1 | 10.8 | 10.4 | 10.2 | 10.0 | 9.8 | 9.7 | 10.3 | 9.3 | 11.4 | 2.1 |
| 6/23/2009 | 9.6 | 9.5 | 9.5 | 9.3 | 9.3 | 9.2 | 9.1 | 9.1 | 9.2 | 9.4 | 9.9 | 10.5 | 11.0 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.5 | 10.2 | 9.9 | 9.8 | 9.7 | 9.6 | 10.0 | 9.1 | 11.3 | 2.2 |
| 6/24/2009 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 13.9 | 10.4 | 10.4 | 10.8 | 11.1 | 10.9 | 10.8 | 10.5 | 10.2 | 9.8 | 9.3 | 9.0 | 9.0 | 9.0 | 8.8 | 9.9 | 8.8 | 13.9 | 5.1 |
| 6/25/2009 | 8.7 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.3 | 8.8 | 9.4 | 9.9 | 10.3 | 10.4 | 10.3 | 10.1 | 10.0 | 9.7 | 9.4 | 9.0 | 8.7 | 8.5 | 8.5 | 8.3 | 9.0 | 8.1 | 10.4 | 2.3 |
| 6/26/2009 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.7 | 7.7 | 7.7 | 7.9 | 8.4 | 9.1 | 9.5 | 9.9 | 10.4 | 10.1 | 10.0 | 9.9 | 9.6 | 9.3 | 8.7 | 8.5 | 8.5 | 8.4 | 8.4 | 8.8 | 7.7 | 10.4 | 2.7 |
| 6/27/2009 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 8.0 | 7.9 | 7.9 | 8.0 | 8.6 | 9.2 | 9.6 | 10.1 | 10.5 | 10.1 | 10.0 | 9.9 | 9.6 | 9.3 | 8.8 | 8.7 | 8.6 | 8.6 | 8.5 | 8.8 | 7.9 | 10.5 | 2.6 |
| 6/28/2009 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 7.8 | 7.9 | 8.0 | 8.5 | 9.1 | 9.5 | 9.9 | 10.3 | 10.0 | 9.9 | 9.7 | 9.4 | 9.0 | 8.7 | 8.4 | 8.3 | 8.4 | 8.3 | 8.8 | 7.8 | 10.3 | 2.5 |
| 6/29/2009 | 8.2 | 8.0 | 8.0 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.9 | 8.4 | 8.8 | 9.2 | 9.7 | 9.9 | 9.6 | 9.5 | 9.3 | 9.1 | 8.7 | 8.2 | 8.0 | 8.0 | 8.0 | 7.9 | 8.5 | 7.8 | 9.9 | 2.1 |
| 6/30/2009 | 7.8 | 7.7 | 7.7 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 8.2 | 8.4 | 8.4 | 8.3 | 8.2 | 8.0 | 8.1 | 8.5 | 8.6 | 8.3 | 8.0 | 7.9 | 7.9 | 8.0 | 7.9 | 8.0 | 7.5 | 8.6 | 1.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.9 | Minimum | 6.3 |
| Mean Daily Mean | 9.2 | Mean Minimum | 8.4 |
| Maximum Daily Mean | 11.6 | | |
| | | Maximum | 13.9 |
| Minumum Range | 0.5 | Mean Maximum | 10.4 |
| Maximum Range | 5.1 | | |
| | | Mean Range | 2.0 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Lower Bear River Reservoir**
**Station BR1**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 7.8 | 7.8 | 8.0 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.2 | 8.8 | 9.5 | 10.2 | 10.7 | 11.0 | 10.9 | 10.8 | 10.6 | 10.3 | 9.8 | 9.1 | 8.8 | 8.7 | 8.6 | 8.4 | 9.1 | 7.8 | 11.0 | 3.2 |
| 7/2/2009 | 8.2 | 8.0 | 7.8 | 7.6 | 7.5 | 7.5 | 7.5 | 7.6 | 7.9 | 8.4 | 8.9 | 9.5 | 10.2 | 10.6 | 10.5 | 10.5 | 10.3 | 10.0 | 9.6 | 8.9 | 8.5 | 8.3 | 8.2 | 8.1 | 8.8 | 7.5 | 10.6 | 3.1 |
| 7/3/2009 | 8.1 | 8.0 | 7.9 | 7.7 | 7.5 | 7.4 | 7.4 | 7.4 | 7.5 | 8.2 | 9.0 | 9.7 | 10.1 | 10.5 | 10.3 | 10.3 | 10.0 | 9.8 | 9.3 | 8.7 | 8.3 | 8.1 | 8.0 | 7.9 | 8.6 | 7.4 | 10.5 | 3.2 |
| 7/4/2009 | 7.7 | 7.6 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 8.2 | 8.9 | 9.6 | 10.0 | 10.4 | 10.2 | 10.1 | 9.9 | 9.6 | 9.2 | 8.7 | 8.3 | 8.1 | 8.0 | 7.9 | 8.5 | 7.3 | 10.4 | 3.1 |
| 7/5/2009 | 7.7 | 7.6 | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 | 7.4 | 8.0 | 8.8 | 9.4 | 9.9 | 10.3 | 10.1 | 10.0 | 9.7 | 9.4 | 9.0 | 8.3 | 8.0 | 7.8 | 7.6 | 7.5 | 8.4 | 7.2 | 10.3 | 3.1 |
| 7/6/2009 | 7.5 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.7 | 8.4 | 9.1 | 9.6 | 9.8 | 9.6 | 9.4 | 9.1 | 8.8 | 8.5 | 7.9 | 7.5 | 7.3 | 7.2 | 7.1 | 8.0 | 7.1 | 9.8 | 2.7 |
| 7/7/2009 | 7.1 | 7.0 | 7.0 | 6.9 | 6.8 | 6.8 | 6.7 | 6.7 | 6.8 | 7.3 | 8.0 | 8.7 | 9.2 | 9.5 | 9.3 | 9.2 | 8.9 | 8.6 | 8.3 | 7.7 | 7.5 | 7.3 | 7.1 | 7.0 | 7.7 | 6.7 | 9.5 | 2.8 |
| 7/8/2009 | 6.9 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.6 | 7.8 | 13.3 | 15.2 | 15.8 | 15.7 | 12.7 | 9.9 | 8.7 | 8.4 | 8.3 | 8.0 | 7.8 | 7.6 | 7.5 | 7.4 | 8.9 | 6.5 | 15.8 | 9.3 |
| 7/9/2009 | 7.3 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 7.4 | 8.2 | 9.0 | 9.5 | 9.8 | 9.6 | 9.5 | 9.3 | 9.0 | 8.6 | 8.0 | 7.7 | 7.4 | 7.4 | 7.3 | 8.0 | 6.9 | 9.8 | 2.9 |
| 7/10/2009 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 | 6.8 | 7.0 | 7.6 | 8.4 | 9.1 | 9.6 | 9.7 | 9.5 | 9.6 | 9.5 | 9.2 | 8.8 | 8.2 | 7.8 | 7.6 | 7.5 | 7.4 | 8.0 | 6.8 | 9.7 | 2.8 |
| 7/11/2009 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 8.0 | 8.9 | 9.6 | 10.0 | 10.1 | 9.9 | 9.6 | 9.0 | 8.5 | 8.4 | 8.3 | 8.1 | 7.9 | 7.8 | 7.7 | 8.2 | 7.2 | 10.1 | 2.9 |
| 7/12/2009 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.6 | 8.0 | 8.8 | 9.3 | 9.1 | 9.0 | 8.7 | 8.5 | 8.4 | 8.2 | 8.2 | 7.9 | 7.6 | 7.5 | 7.4 | 7.3 | 8.0 | 7.3 | 9.3 | 2.0 |
| 7/13/2009 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.2 | 7.9 | 8.8 | 9.6 | 10.1 | 10.4 | 10.2 | 10.0 | 9.9 | 9.5 | 9.0 | 8.3 | 7.9 | 7.9 | 7.8 | 7.7 | 8.3 | 7.0 | 10.4 | 3.4 |
| 7/14/2009 | 7.6 | 7.4 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 7.4 | 8.1 | 8.9 | 9.6 | 10.2 | 10.6 | 10.5 | 10.4 | 10.2 | 9.8 | 9.3 | 8.8 | 8.4 | 8.2 | 8.2 | 8.1 | 8.6 | 7.2 | 10.6 | 3.4 |
| 7/15/2009 | 8.0 | 7.8 | 7.7 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 8.2 | 8.9 | 9.7 | 10.3 | 10.8 | 10.7 | 10.4 | 10.1 | 9.8 | 9.4 | 8.9 | 8.4 | 8.2 | 8.1 | 8.0 | 8.7 | 7.6 | 10.8 | 3.2 |
| 7/16/2009 | 8.0 | 7.9 | 7.9 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.8 | 8.3 | 9.1 | 9.8 | 10.4 | 10.8 | 10.6 | 10.4 | 10.2 | 9.9 | 9.5 | 8.8 | 8.3 | 8.2 | 8.2 | 8.1 | 8.8 | 7.7 | 10.8 | 3.1 |
| 7/17/2009 | 7.9 | 7.9 | 7.8 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 8.4 | 9.1 | 9.7 | 10.4 | 10.9 | 10.8 | 10.6 | 10.4 | 10.2 | 9.8 | 9.0 | 8.5 | 8.4 | 8.4 | 8.3 | 8.9 | 7.7 | 10.9 | 3.1 |
| 7/18/2009 | 8.3 | 8.3 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.1 | 8.2 | 8.8 | 9.5 | 9.8 | 10.3 | 10.7 | 10.6 | 10.5 | 10.2 | 9.8 | 9.4 | 8.8 | 8.4 | 8.4 | 8.4 | 8.4 | 9.0 | 8.0 | 10.7 | 2.7 |
| 7/19/2009 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 8.1 | 8.0 | 8.1 | 8.2 | 8.7 | 9.3 | 10.0 | 10.4 | 10.5 | 10.2 | 9.9 | 10.0 | 9.9 | 9.6 | 9.0 | 8.6 | 8.5 | 8.6 | 8.5 | 9.0 | 8.0 | 10.5 | 2.5 |
| 7/20/2009 | 8.5 | 8.4 | 8.4 | 8.3 | 8.2 | 8.2 | 8.1 | 8.1 | 8.2 | 8.7 | 9.2 | 9.8 | 10.4 | 10.7 | 10.5 | 10.5 | 10.3 | 9.8 | 9.4 | 8.7 | 8.3 | 8.2 | 8.2 | 8.1 | 9.0 | 8.1 | 10.7 | 2.6 |
| 7/21/2009 | 8.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 7.5 | 7.6 | 8.2 | 5.9 | 9.9 | 10.3 | 10.7 | 10.5 | 10.3 | 10.0 | 9.5 | 9.0 | 8.5 | 8.2 | 8.2 | 8.2 | 8.1 | 8.6 | 5.9 | 10.7 | 4.8 |
| 7/22/2009 | 7.9 | 7.7 | 7.6 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.7 | 8.3 | 9.0 | 9.7 | 10.1 | 10.4 | 10.2 | 10.2 | 10.1 | 9.8 | 9.3 | 8.7 | 8.2 | 8.1 | 8.3 | 8.3 | 8.6 | 7.4 | 10.4 | 3.0 |
| 7/23/2009 | 8.3 | 8.3 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.9 | 8.1 | 8.6 | 9.2 | 9.8 | 10.3 | 10.6 | 10.4 | 10.4 | 10.3 | 10.0 | 9.3 | 8.9 | 8.5 | 8.4 | 8.4 | 8.4 | 8.9 | 7.9 | 10.6 | 2.7 |
| 7/24/2009 | 8.3 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.1 | 8.6 | 9.3 | 10.0 | 10.3 | 10.7 | 10.6 | 10.5 | 10.2 | 9.7 | 9.3 | 8.7 | 8.4 | 8.3 | 8.4 | 8.3 | 8.9 | 8.0 | 10.7 | 2.7 |
| 7/25/2009 | 8.2 | 8.1 | 7.9 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.8 | 8.3 | 9.1 | 9.8 | 10.4 | 10.7 | 10.5 | 10.5 | 10.3 | 9.9 | 9.4 | 8.7 | 8.5 | 8.5 | 8.4 | 8.4 | 8.8 | 7.7 | 10.7 | 3.0 |
| 7/26/2009 | 8.3 | 8.1 | 8.0 | 7.9 | 7.7 | 7.6 | 7.5 | 7.6 | 7.8 | 8.5 | 9.2 | 9.9 | 10.4 | 10.8 | 10.7 | 10.6 | 10.4 | 10.1 | 9.5 | 8.9 | 8.5 | 8.5 | 8.4 | 8.4 | 8.9 | 7.5 | 10.8 | 3.3 |
| 7/27/2009 | 8.1 | 8.0 | 7.8 | 7.7 | 7.7 | 7.6 | 7.6 | 7.7 | 7.8 | 8.5 | 9.4 | 10.0 | 10.6 | 11.0 | 11.0 | 10.7 | 10.3 | 10.0 | 9.7 | 9.0 | 8.6 | 8.5 | 8.5 | 8.4 | 8.9 | 7.6 | 11.0 | 3.4 |
| 7/28/2009 | 8.4 | 8.4 | 8.4 | 8.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.4 | 8.8 | 9.3 | 10.1 | 10.8 | 11.2 | 11.3 | 10.9 | 10.6 | 10.1 | 9.6 | 9.3 | 8.8 | 8.8 | 8.8 | 8.7 | 9.2 | 8.2 | 11.3 | 3.1 |
| 7/29/2009 | 8.6 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.5 | 8.9 | 9.5 | 10.3 | 10.8 | 11.1 | 11.1 | 11.0 | 10.9 | 10.2 | 9.7 | 9.3 | 9.0 | 8.7 | 8.7 | 8.7 | 9.3 | 8.3 | 11.1 | 2.9 |
| 7/30/2009 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.3 | 8.3 | 8.4 | 8.5 | 8.9 | 9.5 | 10.2 | 10.9 | 11.2 | 11.2 | 10.9 | 10.6 | 10.2 | 9.7 | 9.2 | 8.8 | 8.6 | 8.6 | 8.4 | 9.3 | 8.3 | 11.2 | 2.9 |
| 7/31/2009 | 8.3 | 8.1 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.5 | 9.1 | 9.7 | 10.2 | 10.5 | 10.5 | 10.6 | 10.4 | 10.0 | 9.7 | 9.1 | 8.7 | 8.5 | 8.4 | 8.4 | 8.9 | 7.9 | 10.6 | 2.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.7 | Minimum | 5.9 |
| Mean Daily Mean | 8.7 | Mean Minimum | 7.5 |
| Maximum Daily Mean | 9.3 | | |
| | | Maximum | 15.8 |
| Minumum Range | 2.0 | Mean Maximum | 10.7 |
| Maximum Range | 9.3 | | |
| | | Mean Range | 3.2 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Lower Bear River Reservoir**
**Station BR1**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.3 | 8.6 | 9.0 | 9.4 | 9.8 | 10.2 | 10.3 | 10.2 | 10.0 | 9.7 | 9.2 | 8.6 | 8.4 | 8.2 | 8.1 | 8.1 | 8.8 | 8.1 | 10.3 | 2.2 |
| 8/2/2009 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 8.2 | 8.5 | 9.2 | 9.8 | 10.2 | 10.5 | 10.4 | 10.3 | 9.9 | 9.6 | 9.0 | 8.5 | 8.1 | 8.0 | 8.0 | 7.9 | 8.8 | 7.9 | 10.5 | 2.6 |
| 8/3/2009 | 7.9 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 8.3 | 9.3 | 10.3 | 10.9 | 11.3 | 11.2 | 11.0 | 10.7 | 10.3 | 9.7 | 8.9 | 8.6 | 8.4 | 8.3 | 8.1 | 9.0 | 7.8 | 11.3 | 3.5 |
| 8/4/2009 | 8.1 | 7.9 | 7.8 | 7.7 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 8.1 | 9.1 | 10.0 | 10.6 | 10.9 | 11.0 | 10.8 | 10.4 | 10.0 | 9.4 | 8.7 | 8.4 | 8.2 | 8.1 | 8.0 | 8.8 | 7.7 | 11.0 | 3.3 |
| 8/5/2009 | 8.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.7 | 7.7 | 7.8 | 7.9 | 8.3 | 9.0 | 9.6 | 10.3 | 10.0 | 9.6 | 9.6 | 9.7 | 9.7 | 9.2 | 8.5 | 8.1 | 8.0 | 7.8 | 7.7 | 8.6 | 7.7 | 10.3 | 2.6 |
| 8/6/2009 | 7.7 | 7.6 | 7.5 | 7.6 | 7.6 | 7.5 | 7.5 | 7.5 | 7.6 | 7.7 | 7.7 | 7.8 | 8.2 | 8.7 | 8.8 | 8.7 | 8.9 | 8.6 | 8.2 | 7.9 | 7.7 | 7.6 | 7.6 | 7.4 | 7.9 | 7.4 | 8.9 | 1.5 |
| 8/7/2009 | 7.2 | 7.2 | 7.1 | 7.0 | 7.0 | 6.9 | 6.8 | 6.8 | 6.9 | 7.4 | 8.5 | 9.2 | 8.9 | 8.9 | 8.9 | 8.8 | 8.8 | 8.9 | 8.8 | 8.4 | 8.0 | 7.8 | 7.7 | 7.6 | 7.9 | 6.8 | 9.2 | 2.4 |
| 8/8/2009 | 7.5 | 7.5 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 | 7.7 | 8.8 | 9.8 | 10.4 | 10.8 | 10.8 | 10.8 | 10.5 | 10.2 | 9.6 | 8.9 | 8.5 | 8.2 | 8.1 | 8.0 | 8.6 | 7.2 | 10.8 | 3.6 |
| 8/9/2009 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.6 | 7.7 | 8.1 | 9.0 | 10.0 | 10.8 | 11.2 | 11.2 | 11.0 | 10.7 | 10.2 | 9.6 | 8.9 | 8.6 | 8.5 | 8.3 | 8.2 | 8.9 | 7.5 | 11.2 | 3.7 |
| 8/10/2009 | 8.2 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 8.0 | 8.3 | 9.2 | 10.2 | 10.9 | 11.4 | 11.3 | 11.2 | 10.9 | 10.5 | 9.9 | 9.2 | 8.8 | 8.5 | 8.4 | 8.4 | 9.1 | 7.9 | 11.4 | 3.5 |
| 8/11/2009 | 8.3 | 8.2 | 8.1 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 8.0 | 8.4 | 9.3 | 10.2 | 10.8 | 11.2 | 11.1 | 11.0 | 10.7 | 10.2 | 9.7 | 8.9 | 8.5 | 8.3 | 8.2 | 8.1 | 9.0 | 7.8 | 11.2 | 3.4 |
| 8/12/2009 | 8.0 | 7.8 | 7.7 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.6 | 8.1 | 9.1 | 10.0 | 10.4 | 11.1 | 11.1 | 11.0 | 10.6 | 10.3 | 9.8 | 9.1 | 8.5 | 8.3 | 8.1 | 7.9 | 8.8 | 7.4 | 11.1 | 3.7 |
| 8/13/2009 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.4 | 7.8 | 8.8 | 10.0 | 10.8 | 11.2 | 11.2 | 10.9 | 10.6 | 10.4 | 9.8 | 9.1 | 8.7 | 8.5 | 8.3 | 8.3 | 8.8 | 7.3 | 11.2 | 3.9 |
| 8/14/2009 | 8.2 | 8.1 | 7.9 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.8 | 8.1 | 9.2 | 10.1 | 10.7 | 11.0 | 10.8 | 10.6 | 10.2 | 9.7 | 9.1 | 8.4 | 8.1 | 7.9 | 7.8 | 7.6 | 8.7 | 7.6 | 11.0 | 3.3 |
| 8/15/2009 | 7.6 | 7.4 | 7.2 | 7.0 | 6.9 | 6.7 | 6.6 | 6.6 | 6.8 | 7.2 | 8.4 | 9.5 | 10.4 | 10.9 | 10.8 | 10.7 | 10.4 | 10.0 | 9.4 | 8.7 | 8.3 | 8.0 | 7.9 | 7.9 | 8.4 | 6.6 | 10.9 | 4.3 |
| 8/16/2009 | 7.8 | 7.7 | 7.7 | 7.6 | 7.5 | 7.5 | 7.4 | 7.4 | 7.5 | 7.8 | 8.8 | 9.9 | 10.8 | 11.3 | 11.2 | 11.0 | 10.7 | 10.3 | 9.7 | 9.0 | 8.5 | 8.3 | 8.2 | 8.1 | 8.8 | 7.4 | 11.3 | 3.9 |
| 8/17/2009 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 7.6 | 7.7 | 7.9 | 9.0 | 10.2 | 11.0 | 11.4 | 11.4 | 11.3 | 10.8 | 10.4 | 9.8 | 9.2 | 8.8 | 8.8 | 8.7 | 8.5 | 9.0 | 7.6 | 11.4 | 3.8 |
| 8/18/2009 | 8.2 | 8.1 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.8 | 7.9 | 8.3 | 9.3 | 10.3 | 11.2 | 11.7 | 11.6 | 11.4 | 11.1 | 10.6 | 9.9 | 9.3 | 9.0 | 8.9 | 8.7 | 8.6 | 9.2 | 7.8 | 11.7 | 3.9 |
| 8/19/2009 | 8.5 | 8.3 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.1 | 8.4 | 9.4 | 10.5 | 11.3 | 11.8 | 11.7 | 11.7 | 11.4 | 10.9 | 10.3 | 9.5 | 9.3 | 9.1 | 8.9 | 8.8 | 9.4 | 8.0 | 11.8 | 3.8 |
| 8/20/2009 | 8.6 | 8.4 | 8.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.4 | 8.6 | 9.5 | 10.7 | 11.5 | 11.9 | 11.9 | 11.7 | 11.3 | 11.0 | 10.4 | 9.8 | 9.4 | 9.2 | 9.1 | 9.1 | 9.6 | 8.2 | 11.9 | 3.7 |
| 8/21/2009 | 9.0 | 8.8 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.4 | 8.7 | 9.6 | 10.5 | 11.3 | 11.9 | 11.7 | 11.5 | 11.2 | 10.8 | 10.1 | 9.3 | 9.0 | 8.8 | 8.7 | 8.6 | 9.5 | 8.3 | 11.9 | 3.6 |
| 8/22/2009 | 8.5 | 8.4 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 | 8.4 | 8.7 | 9.6 | 10.6 | 11.3 | 11.0 | 10.7 | 10.9 | 10.9 | 10.6 | 9.9 | 9.4 | 9.2 | 9.0 | 8.9 | 8.8 | 9.3 | 8.2 | 11.3 | 3.1 |
| 8/23/2009 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 | 8.6 | 8.7 | 8.7 | 8.8 | 9.1 | 9.5 | 10.1 | 10.6 | 10.4 | 10.5 | 10.3 | 10.0 | 9.5 | 8.9 | 8.7 | 8.6 | 8.5 | 8.5 | 9.2 | 8.5 | 10.6 | 2.1 |
| 8/24/2009 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 7.8 | 7.9 | 8.2 | 9.1 | 10.3 | 11.1 | 11.3 | 7.8 | 11.3 | 11.0 | 10.5 | 9.8 | 9.1 | 8.7 | 8.6 | 8.5 | 8.5 | 9.0 | 7.8 | 11.3 | 3.5 |
| 8/25/2009 | 8.5 | 8.3 | 8.3 | 8.2 | 8.0 | 7.9 | 7.9 | 7.8 | 7.9 | 8.2 | 9.2 | 10.2 | 11.0 | 11.3 | 11.1 | 10.9 | 10.6 | 10.1 | 9.6 | 8.9 | 8.5 | 8.4 | 8.3 | 8.2 | 9.1 | 7.8 | 11.3 | 3.5 |
| 8/26/2009 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.7 | 7.5 | 7.5 | 7.8 | 8.7 | 9.9 | 10.7 | 11.2 | 11.0 | 10.8 | 10.5 | 10.1 | 9.4 | 8.7 | 8.5 | 8.3 | 8.2 | 8.1 | 8.9 | 7.5 | 11.2 | 3.7 |
| 8/27/2009 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.6 | 7.9 | 8.8 | 9.6 | 10.5 | 11.1 | 10.9 | 10.8 | 10.5 | 10.1 | 9.6 | 9.0 | 8.7 | 8.6 | 8.5 | 8.4 | 8.9 | 7.5 | 11.1 | 3.6 |
| 8/28/2009 | 8.3 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.2 | 8.6 | 9.1 | 9.5 | 9.9 | 10.7 | 11.0 | 10.7 | 10.2 | 9.7 | 9.5 | 9.1 | 8.9 | 8.8 | 8.7 | 8.5 | 9.0 | 8.0 | 11.0 | 3.0 |
| 8/29/2009 | 8.4 | 8.2 | 8.0 | 7.9 | 7.8 | 7.8 | 7.7 | 7.7 | 7.8 | 8.2 | 9.3 | 10.4 | 11.3 | 11.7 | 11.6 | 11.5 | 11.2 | 10.9 | 10.2 | 9.6 | 9.3 | 9.1 | 9.1 | 9.0 | 9.3 | 7.7 | 11.7 | 4.0 |
| 8/30/2009 | 8.9 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.4 | 8.5 | 8.7 | 9.7 | 10.7 | 11.3 | 11.6 | 11.5 | 11.2 | 10.7 | 10.4 | 9.7 | 9.1 | 8.9 | 8.7 | 8.7 | 8.6 | 9.4 | 8.4 | 11.6 | 3.2 |
| 8/31/2009 | 8.5 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.5 | 8.8 | 9.7 | 10.7 | 11.3 | 11.5 | 11.5 | 11.3 | 10.9 | 10.4 | 9.7 | 9.3 | 9.0 | 8.8 | 8.7 | 8.6 | 9.4 | 8.3 | 11.5 | 3.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.9 | Minimum | 6.6 |
| Mean Daily Mean | 8.9 | Mean Minimum | 7.7 |
| Maximum Daily Mean | 9.6 | | |
| | | Maximum | 11.9 |
| Minumum Range | 1.5 | Mean Maximum | 11.1 |
| Maximum Range | 4.3 | | |
| | | Mean Range | 3.3 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Lower Bear River Reservoir**
**Station BR1**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 8.5 | 8.4 | 8.4 | 8.5 | 8.6 | 8.6 | 8.6 | 8.7 | 8.7 | 8.9 | 9.9 | 11.1 | 12.0 | 12.5 | 12.3 | 12.1 | 11.7 | 11.1 | 10.4 | 9.7 | 9.4 | 9.2 | 9.0 | 8.9 | 9.8 | 8.4 | 12.5 | 4.1 |
| 9/2/2009 | 8.8 | 8.7 | 8.6 | 8.5 | 8.5 | 8.4 | 8.4 | 8.3 | 8.4 | 8.7 | 9.6 | 10.6 | 11.5 | 11.6 | 11.6 | 11.4 | 11.1 | 10.5 | 10.0 | 9.6 | 9.4 | 9.2 | 9.1 | 9.0 | 9.6 | 8.3 | 11.6 | 3.3 |
| 9/3/2009 | 8.9 | 8.8 | 8.8 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.6 | 8.8 | 9.7 | 10.9 | 12.0 | 12.6 | 12.4 | 12.1 | 11.8 | 11.3 | 10.6 | 9.8 | 9.4 | 9.2 | 9.1 | 9.0 | 9.9 | 8.5 | 12.6 | 4.1 |
| 9/4/2009 | 8.9 | 8.8 | 8.8 | 8.7 | 8.7 | 8.7 | 8.7 | 8.6 | 8.7 | 9.0 | 9.8 | 11.0 | 12.0 | 12.6 | 12.4 | 12.1 | 11.7 | 11.1 | 10.5 | 9.7 | 9.2 | 9.0 | 8.9 | 8.8 | 9.9 | 8.6 | 12.6 | 4.0 |
| 9/5/2009 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.4 | 8.3 | 8.4 | 8.4 | 8.6 | 9.4 | 10.7 | 11.7 | 12.2 | 12.0 | 11.7 | 11.3 | 10.9 | 10.2 | 9.6 | 9.2 | 9.0 | 8.9 | 8.8 | 9.6 | 8.3 | 12.2 | 3.8 |
| 9/6/2009 | 8.7 | 8.5 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.4 | 9.3 | 10.6 | 11.6 | 12.2 | 12.1 | 12.0 | 11.6 | 11.1 | 10.4 | 9.6 | 9.2 | 9.0 | 8.8 | 8.8 | 9.6 | 8.3 | 12.2 | 3.9 |
| 9/7/2009 | 8.7 | 8.6 | 8.6 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.4 | 9.3 | 10.8 | 11.9 | 12.5 | 12.2 | 12.0 | 11.6 | 11.1 | 10.3 | 9.6 | 9.2 | 9.0 | 8.8 | 8.7 | 9.6 | 8.3 | 12.5 | 4.2 |
| 9/8/2009 | 8.6 | 8.6 | 8.5 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.4 | 9.2 | 10.6 | 11.7 | 12.4 | 12.2 | 12.0 | 11.7 | 11.2 | 10.5 | 9.8 | 9.3 | 9.1 | 9.0 | 8.9 | 9.7 | 8.3 | 12.4 | 4.1 |
| 9/9/2009 | 8.8 | 8.8 | 8.7 | 8.6 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.7 | 9.5 | 10.9 | 12.1 | 12.7 | 12.5 | 12.2 | 11.8 | 11.3 | 10.6 | 9.9 | 9.4 | 9.2 | 9.1 | 9.0 | 9.9 | 8.5 | 12.7 | 4.2 |
| 9/10/2009 | 8.9 | 8.8 | 8.8 | 8.8 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.8 | 9.6 | 10.7 | 11.9 | 12.8 | 12.7 | 12.4 | 12.0 | 11.5 | 10.9 | 10.1 | 9.6 | 9.4 | 9.3 | 9.2 | 10.0 | 8.6 | 12.8 | 4.2 |
| 9/11/2009 | 9.1 | 9.0 | 9.0 | 8.8 | 8.8 | 8.7 | 8.7 | 8.7 | 8.7 | 8.8 | 9.6 | 10.9 | 12.1 | 12.1 | 12.0 | 11.1 | 11.0 | 10.6 | 10.1 | 9.8 | 9.6 | 9.4 | 9.3 | 9.2 | 9.8 | 8.7 | 12.1 | 3.5 |
| 9/12/2009 | 9.2 | 9.1 | 9.1 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 9.0 | 9.2 | 9.8 | 11.1 | 11.8 | 11.3 | 11.0 | 10.8 | 10.7 | 10.8 | 10.3 | 9.8 | 9.5 | 9.4 | 9.3 | 9.2 | 9.8 | 8.9 | 11.8 | 2.9 |
| 9/13/2009 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.7 | 8.7 | 8.8 | 8.9 | 9.5 | 10.8 | 11.6 | 11.9 | 11.4 | 11.0 | 10.4 | 10.2 | 9.8 | 9.4 | 9.1 | 8.9 | 8.8 | 8.8 | 9.6 | 8.6 | 11.9 | 3.3 |
| 9/14/2009 | 8.8 | 8.7 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.7 | 8.9 | 9.1 | 9.6 | 10.3 | 10.1 | 9.9 | 9.7 | 9.8 | 9.9 | 9.7 | 9.5 | 9.1 | 9.0 | 8.9 | 8.7 | 9.2 | 8.6 | 10.3 | 1.7 |
| 9/15/2009 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.4 | 8.4 | 8.5 | 8.6 | 9.3 | 10.8 | 11.9 | 12.6 | 12.5 | 12.2 | 11.9 | 11.3 | 10.7 | 10.1 | 9.6 | 9.4 | 9.3 | 9.1 | 9.8 | 8.4 | 12.6 | 4.2 |
| 9/16/2009 | 9.1 | 8.9 | 8.8 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.7 | 9.4 | 10.9 | 12.0 | 12.6 | 12.5 | 12.3 | 12.0 | 11.6 | 10.9 | 10.1 | 9.7 | 9.5 | 9.3 | 9.2 | 10.0 | 8.5 | 12.6 | 4.1 |
| 9/17/2009 | 9.2 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 8.8 | 8.7 | 8.7 | 8.8 | 9.5 | 10.7 | 11.9 | 12.5 | 12.3 | 12.2 | 11.9 | 11.5 | 10.8 | 10.3 | 9.8 | 9.6 | 9.5 | 9.4 | 10.0 | 8.7 | 12.5 | 3.8 |
| 9/18/2009 | 9.3 | 9.2 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.8 | 8.8 | 8.9 | 9.6 | 11.0 | 12.1 | 12.7 | 12.5 | 12.2 | 11.8 | 11.4 | 10.7 | 10.0 | 9.7 | 9.5 | 9.5 | 9.3 | 10.1 | 8.8 | 12.7 | 3.9 |
| 9/19/2009 | 9.2 | 9.2 | 9.1 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.1 | 9.4 | 9.9 | 10.8 | 11.9 | 12.2 | 12.3 | 12.3 | 12.0 | 11.5 | 10.7 | 10.2 | 9.8 | 9.5 | 9.4 | 9.3 | 10.1 | 9.0 | 12.3 | 3.3 |
| 9/20/2009 | 9.2 | 9.0 | 9.0 | 8.9 | 8.8 | 8.8 | 8.7 | 8.7 | 8.8 | 8.9 | 9.6 | 10.9 | 12.2 | 12.8 | 12.6 | 12.4 | 12.1 | 11.6 | 10.8 | 10.1 | 9.8 | 9.6 | 9.5 | 9.3 | 10.1 | 8.7 | 12.8 | 4.1 |
| 9/21/2009 | 9.2 | 9.2 | 9.1 | 9.1 | 9.0 | 8.9 | 8.8 | 8.8 | 8.8 | 8.8 | 9.5 | 10.8 | 11.9 | 12.4 | 12.3 | 12.3 | 12.0 | 11.6 | 11.0 | 10.2 | 9.8 | 9.6 | 9.3 | 9.1 | 10.1 | 8.8 | 12.4 | 3.6 |
| 9/22/2009 | 9.0 | 8.9 | 8.9 | 8.8 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.7 | 9.4 | 10.8 | 11.9 | 12.7 | 12.5 | 12.2 | 11.9 | 11.5 | 10.8 | 10.2 | 9.8 | 9.6 | 9.3 | 9.2 | 10.0 | 8.5 | 12.7 | 4.2 |
| 9/23/2009 | 9.1 | 9.0 | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.8 | 8.8 | 8.9 | 9.5 | 10.9 | 12.1 | 12.7 | 12.6 | 12.4 | 12.0 | 11.5 | 10.8 | 10.1 | 9.8 | 9.6 | 9.4 | 9.2 | 10.1 | 8.8 | 12.7 | 3.9 |
| 9/24/2009 | 9.1 | 9.1 | 9.0 | 8.9 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.9 | 9.6 | 10.9 | 12.0 | 12.6 | 12.5 | 12.3 | 11.9 | 11.5 | 10.8 | 10.2 | 9.8 | 9.6 | 9.4 | 9.3 | 10.1 | 8.8 | 12.6 | 3.8 |
| 9/25/2009 | 9.2 | 9.1 | 9.1 | 9.0 | 8.9 | 8.9 | 8.8 | 8.8 | 8.8 | 8.9 | 9.5 | 10.9 | 12.1 | 12.7 | 12.6 | 12.4 | 12.0 | 11.6 | 10.8 | 10.3 | 9.9 | 9.7 | 9.6 | 9.4 | 10.1 | 8.8 | 12.7 | 3.9 |
| 9/26/2009 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.1 | 9.1 | 9.2 | 9.7 | 11.0 | 12.2 | 12.9 | 12.6 | 12.4 | 12.1 | 11.7 | 11.0 | 10.3 | 10.0 | 9.8 | 9.6 | 9.5 | 10.3 | 9.1 | 12.9 | 3.8 |
| 9/27/2009 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.9 | 8.8 | 8.8 | 8.9 | 9.4 | 10.8 | 12.1 | 12.8 | 12.6 | 12.4 | 12.1 | 11.7 | 11.0 | 10.4 | 10.1 | 9.8 | 9.6 | 9.5 | 10.2 | 8.8 | 12.8 | 4.0 |
| 9/28/2009 | 9.4 | 9.3 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.5 | 10.6 | 12.4 | 12.8 | 12.0 | 11.7 | 11.3 | 10.9 | 10.4 | 10.0 | 9.7 | 9.5 | 9.4 | 9.2 | 10.1 | 9.1 | 12.8 | 3.7 |
| 9/29/2009 | 9.2 | 9.3 | 9.3 | 9.3 | 9.3 | 9.4 | 9.3 | 9.2 | 9.1 | 9.2 | 9.2 | 9.2 | 9.2 | 9.1 | 9.2 | 9.6 | 9.5 | 9.3 | 9.1 | 8.8 | 8.6 | 8.4 | 8.3 | 8.2 | 9.1 | 8.2 | 9.6 | 1.4 |
| 9/30/2009 | 8.1 | 8.1 | 8.1 | 8.0 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 8.0 | 8.4 | 9.8 | 11.0 | 11.6 | 11.2 | 11.0 | 10.8 | 10.4 | 9.8 | 9.3 | 9.0 | 8.8 | 8.5 | 8.3 | 9.1 | 7.9 | 11.6 | 3.6 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.1 | Minimum | 7.9 |
| Mean Daily Mean | 9.8 | Mean Minimum | 8.6 |
| Maximum Daily Mean | 10.3 | | |
| | | Maximum | 12.9 |
| Minumum Range | 1.4 | Mean Maximum | 12.3 |
| Maximum Range | 4.2 | | |
| | | Mean Range | 3.7 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Salt Springs Road**
**Station BR2**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 6.1 | 5.8 | 5.5 | 5.3 | 5.1 | 4.9 | 4.7 | 4.6 | 4.4 | 4.4 | 4.6 | 5.0 | 5.6 | 6.5 | 7.4 | 8.1 | 8.6 | 8.9 | 9.0 | 8.8 | 8.5 | 8.0 | 7.6 | 7.2 | 6.4 | 4.4 | 9.0 | 4.6 |
| 4/2/2009 | 6.8 | 6.4 | 6.1 | 5.8 | 5.6 | 5.4 | 5.2 | 5.1 | 5.0 | 5.0 | 5.2 | 5.6 | 6.1 | 6.9 | 7.7 | 8.2 | 8.5 | 8.6 | 8.4 | 8.1 | 7.7 | 7.3 | 7.0 | 6.7 | 6.6 | 5.0 | 8.6 | 3.6 |
| 4/3/2009 | 6.5 | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.1 | 4.9 | 4.6 | 4.4 | 4.4 | 4.5 | 4.8 | 5.4 | 6.0 | 6.4 | 6.7 | 6.7 | 6.6 | 6.3 | 6.0 | 5.6 | 5.2 | 4.9 | 5.6 | 4.4 | 6.7 | 2.3 |
| 4/4/2009 | 4.6 | 4.3 | 3.9 | 3.6 | 3.4 | 3.2 | 2.9 | 2.7 | 2.6 | 2.6 | 2.7 | 3.1 | 3.7 | 4.5 | 5.4 | 6.1 | 6.6 | 6.9 | 7.0 | 7.0 | 6.6 | 6.2 | 5.9 | 5.6 | 4.6 | 2.6 | 7.0 | 4.4 |
| 4/5/2009 | 5.2 | 4.7 | 4.4 | 4.1 | 3.9 | 3.7 | 3.5 | 3.4 | 3.3 | 3.3 | 3.5 | 3.9 | 4.5 | 5.3 | 6.2 | 6.9 | 7.4 | 7.7 | 7.8 | 7.7 | 7.4 | 7.0 | 6.6 | 6.2 | 5.3 | 3.3 | 7.8 | 4.5 |
| 4/6/2009 | 5.8 | 5.4 | 5.0 | 4.8 | 4.5 | 4.3 | 4.2 | 4.0 | 3.9 | 3.9 | 4.1 | 4.5 | 5.2 | 6.0 | 7.0 | 7.7 | 8.2 | 8.5 | 8.7 | 8.6 | 8.4 | 8.0 | 7.6 | 7.1 | 6.1 | 3.9 | 8.7 | 4.8 |
| 4/7/2009 | 6.7 | 6.3 | 5.9 | 5.6 | 5.3 | 5.1 | 4.9 | 4.7 | 4.6 | 4.7 | 5.0 | 5.3 | 5.9 | 6.6 | 7.3 | 7.8 | 7.8 | 7.7 | 7.1 | 6.4 | 5.9 | 5.3 | 4.9 | 4.3 | 5.9 | 4.3 | 7.8 | 3.5 |
| 4/8/2009 | 4.0 | 3.8 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.4 | 3.4 | 3.5 | 3.5 | 3.6 | 3.8 | 4.0 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.2 | 5.2 | 5.1 | 4.9 | 4.7 | 4.1 | 3.4 | 5.2 | 1.8 |
| 4/9/2009 | 4.5 | 4.4 | 4.3 | 4.2 | 4.2 | 4.1 | 4.1 | 4.1 | 4.2 | 4.3 | 4.5 | 4.6 | 4.8 | 5.0 | 5.1 | 5.1 | 5.1 | 5.0 | 4.8 | 4.6 | 4.3 | 4.2 | 4.1 | 4.0 | 4.5 | 4.0 | 5.1 | 1.1 |
| 4/10/2009 | 4.0 | 4.0 | 4.0 | 4.1 | 4.1 | 4.1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.3 | 4.4 | 4.6 | 4.8 | 5.1 | 5.4 | 5.6 | 5.8 | 5.9 | 6.0 | 5.9 | 5.8 | 5.5 | 5.2 | 4.8 | 4.0 | 6.0 | 2.0 |
| 4/11/2009 | 4.9 | 4.6 | 4.4 | 4.2 | 4.0 | 3.8 | 3.7 | 3.6 | 3.5 | 3.5 | 3.7 | 4.2 | 4.7 | 5.2 | 5.9 | 6.3 | 6.9 | 7.2 | 7.2 | 7.3 | 7.3 | 7.1 | 6.8 | 6.5 | 5.3 | 3.5 | 7.3 | 3.8 |
| 4/12/2009 | 6.1 | 5.7 | 5.4 | 5.1 | 4.9 | 4.7 | 4.5 | 4.4 | 4.3 | 4.3 | 4.5 | 5.0 | 5.7 | 6.6 | 7.6 | 8.3 | 8.8 | 9.2 | 9.4 | 9.4 | 9.1 | 8.7 | 8.2 | 7.7 | 6.6 | 4.3 | 9.4 | 5.1 |
| 4/13/2009 | 7.1 | 6.6 | 6.2 | 5.9 | 5.6 | 5.4 | 5.2 | 5.0 | 5.0 | 5.0 | 5.2 | 5.6 | 6.3 | 7.0 | 7.8 | 8.3 | 8.8 | 9.1 | 9.1 | 9.0 | 8.9 | 8.6 | 8.2 | 7.8 | 7.0 | 5.0 | 9.1 | 4.1 |
| 4/14/2009 | 7.4 | 6.9 | 6.5 | 6.2 | 5.8 | 5.5 | 5.3 | 5.2 | 5.1 | 5.1 | 5.0 | 5.1 | 5.3 | 5.2 | 5.4 | 5.6 | 5.9 | 6.0 | 5.8 | 5.5 | 5.1 | 4.7 | 4.3 | 3.9 | 5.5 | 3.9 | 7.4 | 3.5 |
| 4/15/2009 | 3.7 | 3.4 | 3.2 | 2.9 | 2.7 | 2.5 | 2.3 | 2.2 | 2.0 | 2.0 | 2.2 | 2.5 | 3.1 | 3.6 | 4.1 | 4.3 | 4.7 | 4.9 | 4.9 | 5.1 | 5.1 | 5.0 | 4.8 | 4.6 | 3.6 | 2.0 | 5.1 | 3.1 |
| 4/16/2009 | 4.3 | 4.1 | 3.8 | 3.6 | 3.4 | 3.3 | 3.1 | 3.0 | 2.9 | 2.9 | 3.2 | 3.7 | 4.4 | 5.3 | 6.3 | 7.0 | 7.5 | 7.8 | 8.0 | 8.1 | 7.8 | 7.5 | 7.0 | 6.7 | 5.2 | 2.9 | 8.1 | 5.2 |
| 4/17/2009 | 6.3 | 5.8 | 5.4 | 5.1 | 4.8 | 4.5 | 4.3 | 4.1 | 4.0 | 4.1 | 4.3 | 4.8 | 5.6 | 6.5 | 7.4 | 8.1 | 8.6 | 9.0 | 9.3 | 9.3 | 9.1 | 8.7 | 8.3 | 7.9 | 6.5 | 4.0 | 9.3 | 5.3 |
| 4/18/2009 | 7.4 | 6.9 | 6.5 | 6.1 | 5.8 | 5.6 | 5.4 | 5.3 | 5.2 | 5.2 | 5.5 | 6.0 | 6.8 | 7.7 | 8.8 | 9.5 | 10.1 | 10.5 | 10.8 | 10.7 | 10.4 | 10.0 | 9.4 | 8.9 | 7.7 | 5.2 | 10.8 | 5.6 |
| 4/19/2009 | 8.3 | 7.8 | 7.3 | 7.0 | 6.7 | 6.4 | 6.2 | 6.0 | 5.9 | 5.9 | 6.2 | 6.7 | 7.5 | 8.5 | 9.5 | 10.2 | 10.7 | 11.1 | 11.2 | 11.1 | 10.7 | 10.2 | 9.7 | 9.2 | 8.3 | 5.9 | 11.2 | 5.3 |
| 4/20/2009 | 8.6 | 8.1 | 7.7 | 7.3 | 7.0 | 6.8 | 6.6 | 6.4 | 6.3 | 6.3 | 6.6 | 7.1 | 7.9 | 8.8 | 9.8 | 10.6 | 11.2 | 11.5 | 11.6 | 11.4 | 10.9 | 10.3 | 9.7 | 9.2 | 8.7 | 6.3 | 11.6 | 5.3 |
| 4/21/2009 | 8.7 | 8.3 | 7.9 | 7.6 | 7.3 | 7.1 | 6.8 | 6.7 | 6.6 | 6.6 | 6.8 | 7.3 | 8.0 | 8.8 | 9.6 | 10.2 | 10.6 | 10.9 | 11.0 | 10.8 | 10.4 | 9.9 | 9.4 | 8.9 | 8.6 | 6.6 | 11.0 | 4.4 |
| 4/22/2009 | 8.3 | 7.9 | 7.5 | 7.1 | 6.8 | 6.6 | 6.4 | 6.3 | 6.2 | 6.3 | 6.5 | 7.0 | 7.8 | 8.7 | 9.6 | 10.3 | 10.8 | 11.1 | 11.2 | 11.0 | 10.5 | 9.9 | 9.4 | 8.9 | 8.4 | 6.2 | 11.2 | 5.0 |
| 4/23/2009 | 8.4 | 8.0 | 7.6 | 7.2 | 6.9 | 6.7 | 6.4 | 6.2 | 6.1 | 6.1 | 6.3 | 6.7 | 7.4 | 8.3 | 8.6 | 9.0 | 9.4 | 9.6 | 9.7 | 9.5 | 9.2 | 8.9 | 8.6 | 8.2 | 7.9 | 6.1 | 9.7 | 3.6 |
| 4/24/2009 | 7.9 | 7.6 | 7.4 | 7.2 | 6.9 | 6.7 | 6.6 | 6.4 | 6.3 | 6.2 | 6.0 | 5.9 | 5.6 | 5.8 | 5.9 | 5.9 | 6.1 | 6.2 | 6.2 | 6.2 | 6.1 | 6.0 | 5.8 | 5.6 | 6.3 | 5.6 | 7.9 | 2.3 |
| 4/25/2009 | 5.4 | 5.1 | 4.9 | 4.7 | 4.5 | 4.4 | 4.2 | 4.0 | 4.0 | 4.0 | 4.3 | 4.7 | 5.2 | 5.8 | 6.6 | 6.9 | 7.3 | 7.5 | 7.4 | 7.4 | 7.3 | 7.1 | 6.8 | 6.5 | 5.7 | 4.0 | 7.5 | 3.5 |
| 4/26/2009 | 6.2 | 5.8 | 5.5 | 5.2 | 5.0 | 4.8 | 4.6 | 4.5 | 4.4 | 4.5 | 4.7 | 5.3 | 6.1 | 7.0 | 7.5 | 8.1 | 8.5 | 8.8 | 8.8 | 8.8 | 8.5 | 8.3 | 7.9 | 7.5 | 6.5 | 4.4 | 8.8 | 4.4 |
| 4/27/2009 | 7.2 | 6.8 | 6.5 | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.3 | 5.3 | 5.6 | 6.0 | 6.7 | 7.5 | 8.2 | 8.6 | 8.8 | 9.0 | 9.1 | 9.0 | 8.7 | 8.2 | 7.8 | 7.4 | 7.1 | 5.3 | 9.1 | 3.8 |
| 4/28/2009 | 7.0 | 6.5 | 6.1 | 5.8 | 5.5 | 5.2 | 5.0 | 4.8 | 4.7 | 4.7 | 5.0 | 5.4 | 6.1 | 6.9 | 7.7 | 8.2 | 8.5 | 8.6 | 8.7 | 8.6 | 8.3 | 7.8 | 7.4 | 6.9 | 6.6 | 4.7 | 8.7 | 4.0 |
| 4/29/2009 | 6.5 | 6.1 | 5.7 | 5.3 | 5.0 | 4.7 | 4.5 | 4.3 | 4.2 | 4.2 | 4.5 | 5.0 | 5.7 | 6.6 | 7.4 | 7.9 | 8.2 | 8.5 | 8.7 | 8.8 | 8.6 | 8.3 | 7.9 | 7.5 | 6.4 | 4.2 | 8.8 | 4.6 |
| 4/30/2009 | 7.0 | 6.6 | 6.2 | 5.9 | 5.6 | 5.3 | 5.1 | 4.9 | 4.8 | 4.9 | 5.2 | 5.6 | 6.2 | 6.8 | 7.4 | 7.9 | 8.3 | 8.5 | 8.7 | 8.8 | 8.8 | 8.8 | 8.7 | 8.5 | 6.9 | 4.8 | 8.8 | 4.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 3.6 | Minimum | 2.0 |
| Mean Daily Mean | 6.3 | Mean Minimum | 4.5 |
| Maximum Daily Mean | 8.7 | | |
| | | Maximum | 11.6 |
| Minumum Range | 1.1 | Mean Maximum | 8.4 |
| Maximum Range | 5.6 | | |
| | | Mean Range | 3.9 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Salt Springs Road**
**Station BR2**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 8.4 | 8.1 | 7.9 | 7.7 | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.6 | 7.7 | 7.9 | 8.0 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 7.8 | 7.7 | 7.5 | 7.8 | 7.4 | 8.4 | 1.0 |
| 5/2/2009 | 7.3 | 7.2 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.9 | 6.9 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 7.0 | 6.7 | 7.3 | 0.6 |
| 5/3/2009 | 6.9 | 6.8 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.9 | 7.0 | 7.2 | 7.3 | 7.5 | 7.6 | 7.8 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.3 | 7.1 | 7.2 | 6.7 | 7.8 | 1.1 |
| 5/4/2009 | 7.0 | 6.8 | 6.6 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.6 | 7.0 | 7.4 | 7.8 | 8.2 | 8.5 | 8.8 | 9.0 | 9.0 | 8.8 | 8.6 | 8.4 | 8.2 | 8.0 | 7.7 | 7.5 | 6.3 | 9.0 | 2.7 |
| 5/5/2009 | 7.6 | 7.5 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.5 | 8.0 | 8.6 | 9.1 | 9.6 | 10.0 | 10.3 | 10.3 | 10.0 | 9.7 | 9.3 | 8.9 | 8.6 | 8.4 | 8.4 | 7.2 | 10.3 | 3.1 |
| 5/6/2009 | 8.1 | 7.9 | 7.7 | 7.5 | 7.3 | 7.1 | 7.0 | 6.8 | 6.8 | 6.9 | 7.2 | 7.8 | 8.6 | 9.6 | 10.4 | 11.1 | 11.5 | 11.7 | 11.4 | 11.0 | 10.5 | 10.0 | 9.5 | 9.1 | 8.9 | 6.8 | 11.7 | 4.9 |
| 5/7/2009 | 8.6 | 8.3 | 7.9 | 7.6 | 7.4 | 7.1 | 6.8 | 6.6 | 6.4 | 6.4 | 6.7 | 7.2 | 7.9 | 8.8 | 9.8 | 10.6 | 11.3 | 11.6 | 11.5 | 11.2 | 10.6 | 10.1 | 9.7 | 9.2 | 8.7 | 6.4 | 11.6 | 5.2 |
| 5/8/2009 | 8.7 | 8.3 | 7.9 | 7.6 | 7.3 | 7.0 | 6.8 | 6.6 | 6.4 | 6.5 | 6.7 | 7.3 | 8.0 | 9.0 | 10.0 | 10.8 | 11.4 | 11.7 | 11.6 | 11.3 | 10.8 | 10.2 | 9.7 | 9.2 | 8.8 | 6.4 | 11.7 | 5.2 |
| 5/9/2009 | 8.7 | 8.3 | 8.0 | 7.7 | 7.5 | 7.2 | 7.1 | 6.9 | 6.8 | 6.9 | 7.2 | 7.7 | 8.5 | 9.4 | 10.3 | 11.0 | 11.5 | 11.8 | 11.8 | 11.5 | 11.1 | 10.6 | 10.1 | 9.5 | 9.0 | 6.8 | 11.8 | 5.0 |
| 5/10/2009 | 9.0 | 8.6 | 8.2 | 7.8 | 7.5 | 7.2 | 6.9 | 6.7 | 6.6 | 6.7 | 7.0 | 7.6 | 8.5 | 9.4 | 10.3 | 11.1 | 11.6 | 12.0 | 12.0 | 11.8 | 11.3 | 10.7 | 10.2 | 9.6 | 9.1 | 6.6 | 12.0 | 5.4 |
| 5/11/2009 | 9.1 | 8.6 | 8.2 | 7.9 | 7.6 | 7.3 | 7.1 | 6.9 | 6.8 | 6.9 | 7.2 | 7.7 | 8.5 | 9.4 | 10.2 | 11.0 | 11.5 | 11.8 | 11.8 | 11.5 | 10.9 | 10.2 | 9.5 | 8.8 | 9.0 | 6.8 | 11.8 | 5.0 |
| 5/12/2009 | 8.3 | 8.0 | 7.7 | 7.4 | 7.2 | 6.9 | 6.8 | 6.6 | 6.6 | 6.7 | 6.9 | 7.5 | 8.2 | 9.0 | 9.8 | 10.3 | 10.3 | 10.0 | 9.5 | 8.9 | 8.3 | 7.7 | 7.3 | 7.0 | 8.0 | 6.6 | 10.3 | 3.7 |
| 5/13/2009 | 6.8 | 6.6 | 6.3 | 6.2 | 6.1 | 6.0 | 6.0 | 5.9 | 6.1 | 6.3 | 6.7 | 7.3 | 8.0 | 8.7 | 9.3 | 9.8 | 9.9 | 9.7 | 9.4 | 9.0 | 8.6 | 8.1 | 7.8 | 7.5 | 7.6 | 5.9 | 9.9 | 3.9 |
| 5/14/2009 | 7.3 | 7.1 | 7.0 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.6 | 6.8 | 7.2 | 7.8 | 8.6 | 9.4 | 10.3 | 10.7 | 10.9 | 10.7 | 10.3 | 9.7 | 9.2 | 8.8 | 8.4 | 8.1 | 8.3 | 6.6 | 10.9 | 4.3 |
| 5/15/2009 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.2 | 7.3 | 7.5 | 7.9 | 8.5 | 9.3 | 10.2 | 11.2 | 11.8 | 11.9 | 11.9 | 11.5 | 11.0 | 10.5 | 10.0 | 9.5 | 9.2 | 9.1 | 7.2 | 11.9 | 4.7 |
| 5/16/2009 | 8.9 | 8.6 | 8.4 | 8.1 | 7.9 | 7.7 | 7.6 | 7.6 | 7.6 | 7.8 | 8.1 | 8.8 | 9.5 | 10.5 | 11.3 | 11.8 | 12.0 | 11.8 | 11.4 | 10.9 | 10.4 | 9.9 | 9.4 | 9.1 | 9.4 | 7.6 | 12.0 | 4.4 |
| 5/17/2009 | 8.9 | 8.5 | 8.2 | 7.9 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.8 | 8.2 | 8.7 | 9.3 | 10.0 | 10.5 | 10.7 | 10.7 | 10.4 | 9.9 | 9.4 | 9.0 | 8.7 | 8.4 | 8.3 | 8.8 | 7.7 | 10.7 | 3.0 |
| 5/18/2009 | 8.1 | 7.9 | 7.8 | 7.6 | 7.6 | 7.5 | 7.4 | 7.4 | 7.4 | 7.6 | 7.8 | 8.1 | 8.4 | 8.6 | 8.7 | 8.7 | 8.7 | 8.6 | 8.6 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.1 | 7.4 | 8.7 | 1.3 |
| 5/19/2009 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.1 | 8.2 | 8.2 | 8.3 | 8.3 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.2 | 8.0 | 8.4 | 0.4 |
| 5/20/2009 | 8.3 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.1 | 7.9 | 8.3 | 0.4 |
| 5/21/2009 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 | 8.1 | 8.2 | 8.2 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.1 | 7.8 | 8.3 | 0.5 |
| 5/22/2009 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.2 | 8.4 | 8.5 | 8.6 | 8.7 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.2 | 7.9 | 8.7 | 0.8 |
| 5/23/2009 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 | 9.1 | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.7 | 8.4 | 7.9 | 9.1 | 1.2 |
| 5/24/2009 | 8.6 | 8.5 | 8.4 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 | 8.0 | 8.1 | 8.3 | 8.7 | 9.0 | 9.4 | 9.7 | 10.0 | 10.1 | 10.2 | 10.1 | 10.0 | 9.8 | 8.8 | 7.9 | 10.2 | 2.3 |
| 5/25/2009 | 9.6 | 9.4 | 9.2 | 9.0 | 8.8 | 8.6 | 8.4 | 8.2 | 8.0 | 7.9 | 7.9 | 7.9 | 8.2 | 8.5 | 9.0 | 9.4 | 9.9 | 10.3 | 10.6 | 10.8 | 11.0 | 11.0 | 11.0 | 10.9 | 9.3 | 7.9 | 11.0 | 3.1 |
| 5/26/2009 | 10.8 | 10.6 | 10.4 | 10.1 | 9.9 | 9.7 | 9.5 | 9.3 | 9.2 | 9.1 | 9.0 | 9.0 | 9.2 | 9.5 | 10.0 | 10.4 | 10.8 | 11.1 | 11.4 | 11.6 | 11.7 | 11.8 | 11.7 | 11.6 | 10.3 | 9.0 | 11.8 | 2.8 |
| 5/27/2009 | 11.5 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.8 | 9.8 | 10.2 | 10.9 | 11.4 | 11.8 | 11.9 | 12.2 | 12.4 | 12.5 | 12.5 | 12.4 | 12.2 | 11.8 | 11.3 | 11.2 | 9.8 | 12.5 | 2.7 |
| 5/28/2009 | 10.9 | 10.5 | 10.2 | 9.9 | 9.7 | 9.5 | 9.3 | 9.2 | 9.2 | 9.3 | 9.6 | 10.2 | 11.0 | 11.8 | 12.1 | 12.1 | 12.1 | 12.3 | 12.2 | 12.0 | 11.8 | 11.5 | 11.3 | 11.0 | 10.8 | 9.2 | 12.3 | 3.1 |
| 5/29/2009 | 10.6 | 10.4 | 10.1 | 9.9 | 9.7 | 9.6 | 9.4 | 9.3 | 9.2 | 9.4 | 9.7 | 10.2 | 10.9 | 11.5 | 11.7 | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 11.7 | 11.5 | 11.2 | 11.0 | 10.7 | 9.2 | 11.9 | 2.7 |
| 5/30/2009 | 10.8 | 10.5 | 10.3 | 10.1 | 9.9 | 9.8 | 9.6 | 9.5 | 9.5 | 9.6 | 9.9 | 10.5 | 11.3 | 11.6 | 11.5 | 11.6 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.7 | 11.5 | 11.3 | 10.8 | 9.5 | 11.9 | 2.4 |
| 5/31/2009 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.2 | 10.1 | 9.9 | 9.9 | 9.9 | 10.2 | 10.7 | 11.4 | 12.1 | 12.8 | 13.3 | 13.5 | 13.7 | 13.8 | 13.8 | 13.5 | 13.0 | 12.5 | 12.0 | 11.7 | 9.9 | 13.8 | 3.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.0 | Minimum | 5.9 |
| Mean Daily Mean | 8.9 | Mean Minimum | 7.6 |
| Maximum Daily Mean | 11.7 | | |
| | | Maximum | 13.8 |
| Minumum Range | 0.4 | Mean Maximum | 10.5 |
| Maximum Range | 5.4 | | |
| | | Mean Range | 2.9 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Salt Springs Road**
**Station BR2**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 11.5 | 11.0 | 10.6 | 10.2 | 9.8 | 9.6 | 9.4 | 9.2 | 9.1 | 9.2 | 9.4 | 9.8 | 10.2 | 10.7 | 11.3 | 11.7 | 12.0 | 12.2 | 12.3 | 12.3 | 12.3 | 12.1 | 11.8 | 11.5 | 10.8 | 9.1 | 12.3 | 3.2 |
| 6/2/2009 | 11.2 | 10.9 | 10.6 | 10.4 | 10.1 | 9.9 | 9.7 | 9.7 | 9.7 | 9.8 | 10.0 | 10.2 | 10.5 | 10.8 | 11.4 | 11.6 | 12.0 | 12.2 | 12.3 | 12.3 | 12.1 | 11.8 | 11.6 | 11.5 | 10.9 | 9.7 | 12.3 | 2.6 |
| 6/3/2009 | 11.2 | 11.1 | 10.9 | 10.8 | 10.7 | 10.5 | 10.4 | 10.4 | 10.4 | 10.4 | 10.6 | 10.9 | 11.1 | 11.3 | 11.3 | 11.4 | 11.4 | 11.5 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.0 | 10.4 | 11.6 | 1.2 |
| 6/4/2009 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 10.0 | 9.9 | 9.9 | 9.9 | 10.0 | 10.3 | 10.9 | 11.3 | 11.8 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 11.7 | 11.5 | 11.3 | 11.0 | 9.9 | 12.1 | 2.2 |
| 6/5/2009 | 11.1 | 10.8 | 10.6 | 10.4 | 10.2 | 9.9 | 9.7 | 9.5 | 9.4 | 9.2 | 9.2 | 9.3 | 9.3 | 9.2 | 9.1 | 9.2 | 9.2 | 9.3 | 9.3 | 9.3 | 9.2 | 9.1 | 8.9 | 8.7 | 9.5 | 8.7 | 11.1 | 2.4 |
| 6/6/2009 | 8.6 | 8.4 | 8.2 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 | 8.0 | 8.2 | 8.3 | 8.4 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.2 | 9.3 | 9.3 | 9.3 | 9.2 | 8.6 | 7.9 | 9.3 | 1.4 |
| 6/7/2009 | 9.2 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.3 | 8.2 | 8.2 | 8.3 | 8.6 | 9.1 | 9.8 | 10.4 | 11.1 | 11.6 | 11.8 | 11.8 | 11.8 | 12.0 | 12.1 | 12.0 | 11.8 | 11.6 | 10.1 | 8.2 | 12.1 | 3.9 |
| 6/8/2009 | 11.4 | 11.1 | 10.9 | 10.6 | 10.4 | 10.1 | 9.9 | 9.7 | 9.5 | 9.5 | 9.7 | 10.1 | 10.8 | 11.6 | 12.2 | 12.6 | 12.8 | 12.8 | 12.7 | 12.6 | 12.6 | 12.5 | 12.3 | 12.1 | 11.3 | 9.5 | 12.8 | 3.3 |
| 6/9/2009 | 11.9 | 11.7 | 11.5 | 11.3 | 11.0 | 10.8 | 10.5 | 10.2 | 10.0 | 10.0 | 10.2 | 10.6 | 11.2 | 11.9 | 12.5 | 12.9 | 13.0 | 13.0 | 12.9 | 13.0 | 13.0 | 12.8 | 12.6 | 12.4 | 11.7 | 10.0 | 13.0 | 3.0 |
| 6/10/2009 | 12.2 | 12.0 | 11.8 | 11.6 | 11.3 | 11.1 | 10.8 | 10.6 | 10.4 | 10.3 | 10.5 | 10.8 | 11.3 | 11.8 | 12.4 | 12.9 | 13.0 | 12.9 | 12.8 | 12.8 | 12.8 | 12.7 | 12.5 | 12.2 | 11.8 | 10.3 | 13.0 | 2.7 |
| 6/11/2009 | 11.9 | 11.7 | 11.4 | 11.2 | 10.9 | 10.6 | 10.3 | 10.1 | 9.9 | 9.8 | 10.1 | 10.3 | 10.8 | 11.2 | 11.6 | 12.1 | 12.3 | 12.3 | 12.1 | 12.1 | 12.1 | 12.1 | 11.9 | 11.8 | 11.3 | 9.8 | 12.3 | 2.4 |
| 6/12/2009 | 11.6 | 11.4 | 11.2 | 10.9 | 10.7 | 10.4 | 10.2 | 10.0 | 9.9 | 9.9 | 10.2 | 10.6 | 11.3 | 11.8 | 12.1 | 12.5 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.6 | 12.4 | 12.3 | 11.5 | 9.9 | 12.7 | 2.8 |
| 6/13/2009 | 12.2 | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.2 | 11.0 | 11.0 | 11.0 | 11.1 | 11.3 | 11.6 | 11.7 | 12.0 | 12.0 | 12.2 | 12.3 | 12.4 | 12.4 | 12.4 | 12.3 | 12.1 | 11.9 | 11.8 | 11.0 | 12.4 | 1.4 |
| 6/14/2009 | 11.6 | 11.4 | 11.2 | 10.9 | 10.7 | 10.4 | 10.2 | 10.1 | 10.0 | 10.0 | 10.2 | 10.8 | 11.5 | 12.3 | 12.8 | 13.3 | 13.4 | 13.3 | 13.2 | 13.3 | 13.2 | 13.1 | 13.0 | 12.7 | 11.8 | 10.0 | 13.4 | 3.4 |
| 6/15/2009 | 12.5 | 12.2 | 12.0 | 11.7 | 11.4 | 11.1 | 10.9 | 10.7 | 10.6 | 10.6 | 10.9 | 11.3 | 11.9 | 12.5 | 12.8 | 12.9 | 13.0 | 13.2 | 13.2 | 13.3 | 13.3 | 13.3 | 13.2 | 13.1 | 12.2 | 10.6 | 13.3 | 2.7 |
| 6/16/2009 | 12.9 | 12.7 | 12.5 | 12.3 | 12.0 | 11.8 | 11.5 | 11.3 | 11.2 | 11.2 | 11.4 | 12.0 | 12.5 | 12.8 | 13.1 | 13.5 | 13.6 | 13.8 | 13.8 | 13.8 | 13.9 | 13.8 | 13.7 | 13.5 | 12.7 | 11.2 | 13.9 | 2.7 |
| 6/17/2009 | 13.3 | 13.1 | 12.9 | 12.8 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.9 | 12.1 | 12.5 | 13.2 | 14.1 | 14.8 | 15.1 | 15.2 | 15.1 | 15.0 | 15.0 | 15.0 | 14.9 | 14.7 | 14.4 | 13.6 | 11.8 | 15.2 | 3.4 |
| 6/18/2009 | 14.2 | 14.0 | 13.8 | 13.5 | 13.3 | 13.0 | 12.7 | 12.5 | 12.3 | 12.3 | 12.5 | 13.1 | 13.8 | 14.6 | 15.4 | 15.8 | 16.0 | 15.9 | 15.8 | 15.9 | 15.9 | 15.7 | 15.5 | 15.3 | 14.3 | 12.3 | 16.0 | 3.6 |
| 6/19/2009 | 15.0 | 14.7 | 14.4 | 14.1 | 13.7 | 13.4 | 13.1 | 12.8 | 12.7 | 12.7 | 12.9 | 13.4 | 14.1 | 14.8 | 15.5 | 15.7 | 15.7 | 15.6 | 15.6 | 15.7 | 15.6 | 15.5 | 15.3 | 15.1 | 14.5 | 12.7 | 15.7 | 3.1 |
| 6/20/2009 | 14.8 | 14.5 | 14.2 | 13.8 | 13.4 | 13.1 | 12.7 | 12.4 | 12.1 | 12.1 | 12.2 | 12.6 | 13.1 | 13.8 | 14.0 | 14.1 | 14.2 | 14.1 | 13.9 | 14.0 | 13.9 | 13.7 | 13.5 | 13.4 | 13.5 | 12.1 | 14.8 | 2.7 |
| 6/21/2009 | 13.2 | 12.9 | 12.7 | 12.4 | 12.1 | 11.7 | 11.4 | 11.2 | 11.0 | 11.0 | 11.2 | 11.6 | 12.3 | 13.0 | 13.7 | 14.0 | 14.1 | 13.9 | 13.8 | 13.9 | 13.9 | 13.8 | 13.5 | 13.3 | 12.7 | 11.0 | 14.1 | 3.1 |
| 6/22/2009 | 13.0 | 12.7 | 12.4 | 12.1 | 11.8 | 11.4 | 11.1 | 10.8 | 10.6 | 10.6 | 10.9 | 11.4 | 12.2 | 13.0 | 13.8 | 14.3 | 14.4 | 14.3 | 14.3 | 14.4 | 14.4 | 14.3 | 14.1 | 13.9 | 12.8 | 10.6 | 14.4 | 3.8 |
| 6/23/2009 | 13.6 | 13.3 | 13.1 | 12.9 | 12.6 | 12.4 | 12.0 | 11.8 | 11.6 | 11.6 | 11.8 | 12.3 | 13.0 | 13.8 | 14.5 | 15.0 | 15.0 | 14.9 | 14.9 | 15.0 | 15.0 | 14.9 | 14.7 | 14.5 | 13.5 | 11.6 | 15.0 | 3.4 |
| 6/24/2009 | 14.3 | 14.0 | 13.8 | 13.5 | 13.2 | 12.9 | 12.6 | 12.3 | 12.1 | 12.1 | 12.4 | 12.8 | 13.6 | 14.4 | 15.1 | 15.5 | 15.6 | 15.5 | 15.4 | 15.5 | 15.5 | 15.4 | 15.2 | 14.9 | 14.1 | 12.1 | 15.6 | 3.5 |
| 6/25/2009 | 14.6 | 14.3 | 14.0 | 13.7 | 13.4 | 13.0 | 12.6 | 12.3 | 12.1 | 12.1 | 12.3 | 12.7 | 13.4 | 14.1 | 14.7 | 15.1 | 15.1 | 14.9 | 14.9 | 15.0 | 15.1 | 14.9 | 14.7 | 14.5 | 13.9 | 12.1 | 15.1 | 3.0 |
| 6/26/2009 | 14.2 | 13.9 | 13.5 | 13.2 | 12.9 | 12.5 | 12.1 | 11.8 | 11.6 | 11.6 | 11.8 | 12.3 | 13.0 | 13.7 | 14.4 | 14.8 | 14.9 | 14.8 | 14.7 | 14.9 | 14.9 | 14.8 | 14.6 | 14.4 | 13.6 | 11.6 | 14.9 | 3.3 |
| 6/27/2009 | 14.2 | 13.9 | 13.6 | 13.3 | 13.0 | 12.8 | 12.5 | 12.2 | 12.1 | 12.1 | 12.3 | 12.9 | 13.6 | 14.4 | 15.1 | 15.6 | 15.7 | 15.6 | 15.5 | 15.6 | 15.7 | 15.6 | 15.4 | 15.2 | 14.1 | 12.1 | 15.7 | 3.6 |
| 6/28/2009 | 14.9 | 14.7 | 14.4 | 14.1 | 13.8 | 13.4 | 13.0 | 12.7 | 12.5 | 12.5 | 12.8 | 13.3 | 14.0 | 14.8 | 15.5 | 16.0 | 16.1 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.6 | 15.3 | 14.5 | 12.5 | 16.1 | 3.5 |
| 6/29/2009 | 15.0 | 14.7 | 14.4 | 14.1 | 13.8 | 13.4 | 13.0 | 12.8 | 12.5 | 12.5 | 12.8 | 13.2 | 13.9 | 14.6 | 15.3 | 15.7 | 15.7 | 15.6 | 15.5 | 15.5 | 15.5 | 15.4 | 15.1 | 14.9 | 14.4 | 12.5 | 15.7 | 3.2 |
| 6/30/2009 | 14.6 | 14.2 | 13.9 | 13.6 | 13.3 | 12.9 | 12.6 | 12.3 | 12.2 | 12.3 | 12.4 | 12.6 | 12.8 | 12.8 | 12.9 | 13.1 | 13.4 | 13.5 | 13.4 | 13.5 | 13.5 | 13.5 | 13.4 | 13.3 | 13.2 | 12.2 | 14.6 | 2.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 8.6 | Minimum | 7.9 |
| Mean Daily Mean | 12.3 | Mean Minimum | 10.8 |
| Maximum Daily Mean | 14.5 | | |
| | | Maximum | 16.1 |
| Minumum Range | 1.2 | Mean Maximum | 13.7 |
| Maximum Range | 3.9 | | |
| | | Mean Range | 2.9 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Salt Springs Road**
**Station BR2**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 13.0 | 12.8 | 12.6 | 12.3 | 12.1 | 12.0 | 11.9 | 11.8 | 11.8 | 11.9 | 12.2 | 12.9 | 13.7 | 14.7 | 15.5 | 16.0 | 16.1 | 15.8 | 15.5 | 15.4 | 15.4 | 15.4 | 15.4 | 15.3 | 13.8 | 11.8 | 16.1 | 4.3 |
| 7/2/2009 | 15.1 | 14.9 | 14.6 | 14.3 | 14.1 | 13.8 | 13.6 | 13.5 | 13.5 | 13.6 | 13.8 | 14.3 | 14.9 | 15.4 | 16.1 | 16.6 | 16.7 | 16.4 | 16.0 | 15.8 | 15.7 | 15.6 | 15.4 | 15.3 | 15.0 | 13.5 | 16.7 | 3.2 |
| 7/3/2009 | 15.1 | 14.9 | 14.7 | 14.4 | 14.1 | 13.8 | 13.5 | 13.4 | 13.2 | 13.3 | 13.6 | 14.2 | 14.9 | 15.6 | 16.3 | 16.7 | 16.6 | 16.2 | 15.7 | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.9 | 13.2 | 16.7 | 3.4 |
| 7/4/2009 | 14.8 | 14.6 | 14.3 | 14.0 | 13.7 | 13.4 | 13.2 | 13.0 | 12.9 | 13.0 | 13.3 | 13.9 | 14.6 | 15.4 | 16.0 | 16.5 | 16.5 | 16.1 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 15.2 | 14.7 | 12.9 | 16.5 | 3.6 |
| 7/5/2009 | 15.1 | 14.9 | 14.6 | 14.4 | 14.1 | 13.8 | 13.5 | 13.3 | 13.2 | 13.3 | 13.5 | 14.1 | 14.9 | 15.6 | 16.3 | 16.8 | 16.7 | 16.3 | 15.8 | 15.6 | 15.4 | 15.3 | 15.2 | 15.0 | 14.9 | 13.2 | 16.8 | 3.6 |
| 7/6/2009 | 14.9 | 14.7 | 14.4 | 14.1 | 13.8 | 13.5 | 13.3 | 13.1 | 12.9 | 12.9 | 13.2 | 13.7 | 14.4 | 15.2 | 15.8 | 16.2 | 16.1 | 15.6 | 15.1 | 14.9 | 14.7 | 14.5 | 14.3 | 14.2 | 14.4 | 12.9 | 16.2 | 3.3 |
| 7/7/2009 | 14.0 | 13.8 | 13.5 | 13.2 | 12.9 | 12.6 | 12.3 | 12.0 | 11.9 | 11.9 | 12.1 | 12.7 | 13.4 | 14.2 | 14.9 | 15.3 | 15.2 | 14.8 | 14.3 | 14.1 | 13.9 | 13.8 | 13.7 | 13.5 | 13.5 | 11.9 | 15.3 | 3.4 |
| 7/8/2009 | 13.3 | 13.1 | 12.9 | 12.6 | 12.3 | 12.0 | 11.7 | 11.4 | 11.3 | 11.4 | 11.6 | 12.2 | 13.0 | 13.7 | 14.2 | 14.4 | 14.3 | 14.1 | 14.0 | 14.0 | 13.8 | 13.7 | 13.4 | 13.2 | 13.0 | 11.3 | 14.4 | 3.1 |
| 7/9/2009 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.4 | 12.3 | 12.2 | 12.1 | 12.3 | 12.8 | 13.4 | 14.1 | 14.8 | 15.2 | 15.2 | 14.8 | 14.3 | 14.1 | 14.0 | 13.9 | 13.8 | 13.7 | 13.4 | 12.1 | 15.2 | 3.1 |
| 7/10/2009 | 13.5 | 13.4 | 13.1 | 12.9 | 12.6 | 12.3 | 12.0 | 11.8 | 11.8 | 11.8 | 12.1 | 12.6 | 13.3 | 13.9 | 14.5 | 15.0 | 15.1 | 14.8 | 14.3 | 14.2 | 14.1 | 14.0 | 13.9 | 13.8 | 13.4 | 11.8 | 15.1 | 3.3 |
| 7/11/2009 | 13.7 | 13.6 | 13.4 | 13.3 | 13.1 | 12.9 | 12.6 | 12.5 | 12.5 | 12.5 | 12.8 | 13.4 | 14.1 | 14.9 | 15.4 | 15.7 | 15.3 | 14.9 | 14.7 | 14.6 | 14.6 | 14.4 | 14.3 | 14.2 | 13.9 | 12.5 | 15.7 | 3.2 |
| 7/12/2009 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.1 | 12.9 | 12.8 | 12.8 | 12.8 | 13.1 | 13.6 | 14.2 | 14.4 | 14.3 | 14.3 | 14.2 | 14.3 | 14.2 | 14.1 | 13.9 | 13.7 | 13.4 | 13.2 | 13.7 | 12.8 | 14.4 | 1.6 |
| 7/13/2009 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 11.7 | 11.8 | 12.1 | 12.7 | 13.5 | 14.3 | 15.1 | 15.7 | 15.7 | 15.4 | 14.9 | 14.7 | 14.6 | 14.6 | 14.5 | 14.4 | 13.5 | 11.7 | 15.7 | 4.0 |
| 7/14/2009 | 14.3 | 14.1 | 13.9 | 13.7 | 13.4 | 13.1 | 12.9 | 12.8 | 12.7 | 12.8 | 13.0 | 13.6 | 14.4 | 15.2 | 16.0 | 16.5 | 16.6 | 16.3 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.4 | 14.5 | 12.7 | 16.6 | 3.9 |
| 7/15/2009 | 15.2 | 15.1 | 14.9 | 14.6 | 14.4 | 14.1 | 13.9 | 13.7 | 13.6 | 13.7 | 13.9 | 14.6 | 15.3 | 16.1 | 16.8 | 17.3 | 17.4 | 17.0 | 16.5 | 16.3 | 16.2 | 16.0 | 15.9 | 15.8 | 15.3 | 13.6 | 17.4 | 3.7 |
| 7/16/2009 | 15.6 | 15.5 | 15.3 | 15.1 | 14.8 | 14.6 | 14.3 | 14.1 | 14.0 | 14.1 | 14.3 | 14.9 | 15.6 | 16.4 | 17.1 | 17.6 | 17.6 | 17.2 | 16.7 | 16.5 | 16.4 | 16.2 | 16.1 | 16.0 | 15.7 | 14.0 | 17.6 | 3.6 |
| 7/17/2009 | 15.8 | 15.7 | 15.5 | 15.2 | 15.0 | 14.7 | 14.5 | 14.3 | 14.2 | 14.3 | 14.5 | 15.1 | 15.8 | 16.6 | 17.3 | 17.7 | 17.8 | 17.4 | 16.9 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 15.9 | 14.2 | 17.8 | 3.5 |
| 7/18/2009 | 16.2 | 16.0 | 15.9 | 15.7 | 15.5 | 15.3 | 15.1 | 15.0 | 14.9 | 14.9 | 15.2 | 15.6 | 16.3 | 17.1 | 17.8 | 18.3 | 18.3 | 17.8 | 17.3 | 17.1 | 17.0 | 16.8 | 16.8 | 16.7 | 16.4 | 14.9 | 18.3 | 3.4 |
| 7/19/2009 | 16.6 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.1 | 15.2 | 15.4 | 16.0 | 16.6 | 17.4 | 17.8 | 17.9 | 18.0 | 17.8 | 17.4 | 17.2 | 17.0 | 16.9 | 16.7 | 16.6 | 16.5 | 15.1 | 18.0 | 2.9 |
| 7/20/2009 | 16.5 | 16.3 | 16.2 | 16.0 | 15.7 | 15.5 | 15.3 | 15.1 | 15.0 | 15.1 | 15.3 | 15.9 | 16.5 | 17.3 | 18.6 | 18.5 | 18.4 | 18.0 | 17.4 | 17.2 | 17.0 | 16.8 | 16.7 | 16.5 | 16.5 | 15.0 | 18.6 | 3.5 |
| 7/21/2009 | 16.3 | 16.1 | 15.9 | 15.7 | 15.4 | 15.1 | 14.8 | 14.6 | 14.5 | 14.5 | 14.7 | 15.3 | 16.1 | 16.9 | 17.5 | 18.0 | 17.9 | 17.5 | 17.0 | 16.7 | 16.6 | 16.4 | 16.3 | 16.1 | 16.1 | 14.5 | 18.0 | 3.5 |
| 7/22/2009 | 16.0 | 15.8 | 15.6 | 15.3 | 15.0 | 14.7 | 14.4 | 14.2 | 14.1 | 14.1 | 14.4 | 15.0 | 15.7 | 16.5 | 17.2 | 17.7 | 17.7 | 17.3 | 16.8 | 16.6 | 16.4 | 16.3 | 16.2 | 16.1 | 15.8 | 14.1 | 17.7 | 3.6 |
| 7/23/2009 | 16.1 | 16.0 | 15.9 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.8 | 14.8 | 15.1 | 15.6 | 16.3 | 17.0 | 17.7 | 18.1 | 18.1 | 17.7 | 17.2 | 17.0 | 16.9 | 16.7 | 16.7 | 16.6 | 16.3 | 14.8 | 18.1 | 3.3 |
| 7/24/2009 | 16.4 | 16.3 | 16.1 | 15.9 | 15.7 | 15.5 | 15.2 | 15.0 | 14.9 | 14.9 | 15.2 | 15.7 | 16.3 | 17.1 | 17.8 | 18.2 | 18.2 | 17.7 | 17.2 | 17.0 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 14.9 | 18.2 | 3.3 |
| 7/25/2009 | 16.4 | 16.2 | 16.0 | 15.8 | 15.5 | 15.2 | 14.9 | 14.7 | 14.6 | 14.5 | 14.7 | 15.3 | 16.0 | 16.8 | 17.5 | 17.9 | 18.0 | 17.5 | 17.0 | 16.8 | 16.6 | 16.5 | 16.4 | 16.3 | 16.1 | 14.5 | 18.0 | 3.4 |
| 7/26/2009 | 16.2 | 16.1 | 15.9 | 15.7 | 15.4 | 15.1 | 14.8 | 14.6 | 14.5 | 14.5 | 14.7 | 15.2 | 16.0 | 16.8 | 17.5 | 18.0 | 18.0 | 17.7 | 17.2 | 17.0 | 16.8 | 16.7 | 16.6 | 16.5 | 16.2 | 14.5 | 18.0 | 3.6 |
| 7/27/2009 | 16.4 | 16.2 | 15.9 | 15.7 | 15.4 | 15.1 | 14.8 | 14.6 | 14.5 | 14.5 | 14.7 | 15.3 | 16.0 | 16.8 | 17.5 | 18.0 | 18.0 | 17.7 | 17.2 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.2 | 14.5 | 18.0 | 3.6 |
| 7/28/2009 | 16.5 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.1 | 15.1 | 15.4 | 15.9 | 16.6 | 17.4 | 18.1 | 18.5 | 18.5 | 18.1 | 17.8 | 17.7 | 17.6 | 17.5 | 17.4 | 17.3 | 16.7 | 15.1 | 18.5 | 3.4 |
| 7/29/2009 | 17.1 | 17.0 | 16.9 | 16.7 | 16.4 | 16.2 | 16.0 | 15.8 | 15.7 | 15.7 | 15.9 | 16.4 | 17.0 | 17.8 | 18.5 | 18.9 | 18.9 | 18.6 | 18.2 | 17.9 | 17.8 | 17.7 | 17.6 | 17.5 | 17.2 | 15.7 | 18.9 | 3.2 |
| 7/30/2009 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 16.4 | 16.2 | 16.0 | 15.9 | 15.9 | 16.1 | 16.6 | 17.2 | 17.9 | 18.6 | 19.0 | 19.0 | 18.6 | 18.1 | 17.9 | 17.8 | 17.6 | 17.5 | 17.4 | 17.3 | 15.9 | 19.0 | 3.1 |
| 7/31/2009 | 17.2 | 17.0 | 16.8 | 16.5 | 16.2 | 16.0 | 15.7 | 15.5 | 15.3 | 15.4 | 15.6 | 16.0 | 16.6 | 17.2 | 17.8 | 18.3 | 18.3 | 17.9 | 17.5 | 17.3 | 17.2 | 17.0 | 17.0 | 16.8 | 16.8 | 15.3 | 18.3 | 3.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 13.0 | Minimum | 11.3 |
| Mean Daily Mean | 15.3 | Mean Minimum | 13.7 |
| Maximum Daily Mean | 17.3 | | |
| | | Maximum | 19.0 |
| Minumum Range | 1.6 | Mean Maximum | 17.1 |
| Maximum Range | 4.3 | | |
| | | Mean Range | 3.4 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Salt Springs Road**
**Station BR2**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 16.7 | 16.5 | 16.3 | 16.1 | 15.9 | 15.6 | 15.4 | 15.2 | 15.1 | 15.2 | 15.4 | 15.7 | 16.1 | 16.6 | 17.1 | 17.5 | 17.5 | 17.3 | 16.8 | 16.6 | 16.4 | 16.3 | 16.2 | 16.1 | 16.2 | 15.1 | 17.5 | 2.4 |
| 8/2/2009 | 15.9 | 15.8 | 15.7 | 15.5 | 15.4 | 15.2 | 15.0 | 14.8 | 14.7 | 14.7 | 14.9 | 15.4 | 15.9 | 16.6 | 17.2 | 17.5 | 17.5 | 17.1 | 16.6 | 16.4 | 16.2 | 16.0 | 15.9 | 15.8 | 15.9 | 14.7 | 17.5 | 2.8 |
| 8/3/2009 | 15.6 | 15.4 | 15.3 | 15.1 | 14.9 | 14.6 | 14.4 | 14.2 | 14.1 | 14.1 | 14.4 | 15.0 | 15.7 | 16.5 | 17.3 | 17.7 | 17.8 | 17.5 | 16.9 | 16.5 | 16.2 | 16.0 | 15.8 | 15.6 | 15.7 | 14.1 | 17.8 | 3.7 |
| 8/4/2009 | 15.5 | 15.4 | 15.2 | 15.1 | 15.0 | 14.8 | 14.7 | 14.5 | 14.4 | 14.3 | 14.5 | 15.1 | 15.7 | 16.4 | 17.2 | 17.6 | 17.6 | 17.3 | 16.8 | 16.4 | 16.1 | 15.8 | 15.6 | 15.5 | 15.7 | 14.3 | 17.6 | 3.3 |
| 8/5/2009 | 15.4 | 15.3 | 15.2 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.5 | 14.8 | 15.2 | 15.8 | 16.0 | 16.5 | 16.5 | 16.6 | 16.4 | 15.9 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 15.4 | 14.5 | 16.6 | 2.1 |
| 8/6/2009 | 14.6 | 14.5 | 14.4 | 14.3 | 14.1 | 14.0 | 13.8 | 13.7 | 13.6 | 13.6 | 13.5 | 13.7 | 13.9 | 14.3 | 14.8 | 14.9 | 15.1 | 14.9 | 14.5 | 14.2 | 14.0 | 13.8 | 13.6 | 13.4 | 14.1 | 13.4 | 15.1 | 1.6 |
| 8/7/2009 | 13.3 | 13.1 | 13.0 | 12.8 | 12.6 | 12.5 | 12.3 | 12.1 | 12.0 | 11.9 | 12.2 | 12.7 | 13.4 | 14.0 | 14.5 | 14.7 | 14.8 | 14.7 | 14.3 | 14.1 | 13.8 | 13.7 | 13.5 | 13.4 | 13.3 | 11.9 | 14.8 | 2.8 |
| 8/8/2009 | 13.2 | 13.2 | 13.1 | 13.0 | 12.8 | 12.7 | 12.5 | 12.4 | 12.4 | 12.4 | 12.6 | 13.1 | 13.8 | 14.6 | 15.4 | 15.8 | 15.9 | 15.6 | 15.0 | 14.7 | 14.5 | 14.3 | 14.2 | 14.1 | 13.8 | 12.4 | 15.9 | 3.5 |
| 8/9/2009 | 14.1 | 14.0 | 14.0 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.3 | 13.5 | 14.0 | 14.8 | 15.6 | 16.3 | 16.8 | 16.9 | 16.6 | 16.0 | 15.7 | 15.5 | 15.3 | 15.2 | 15.1 | 14.7 | 13.3 | 16.9 | 3.6 |
| 8/10/2009 | 15.0 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.3 | 14.5 | 15.1 | 15.8 | 16.6 | 17.3 | 17.8 | 17.8 | 17.5 | 16.9 | 16.6 | 16.3 | 16.0 | 15.9 | 15.7 | 15.7 | 14.3 | 17.8 | 3.5 |
| 8/11/2009 | 15.6 | 15.6 | 15.4 | 15.3 | 15.2 | 15.0 | 14.9 | 14.7 | 14.7 | 14.7 | 14.9 | 15.4 | 16.1 | 16.8 | 17.4 | 17.8 | 17.8 | 17.4 | 16.9 | 16.5 | 16.2 | 15.9 | 15.7 | 15.5 | 15.9 | 14.7 | 17.8 | 3.1 |
| 8/12/2009 | 15.4 | 15.2 | 15.1 | 15.0 | 14.8 | 14.6 | 14.4 | 14.3 | 14.2 | 14.2 | 14.5 | 15.1 | 15.7 | 16.5 | 17.2 | 17.6 | 17.6 | 17.2 | 16.7 | 16.3 | 16.0 | 15.6 | 15.4 | 15.2 | 15.6 | 14.2 | 17.6 | 3.4 |
| 8/13/2009 | 15.1 | 14.9 | 14.8 | 14.7 | 14.5 | 14.3 | 14.1 | 14.0 | 13.8 | 13.8 | 14.0 | 14.6 | 15.4 | 16.2 | 17.0 | 17.3 | 17.4 | 17.0 | 16.4 | 16.0 | 15.8 | 15.6 | 15.4 | 15.3 | 15.3 | 13.8 | 17.4 | 3.5 |
| 8/14/2009 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.6 | 14.5 | 14.4 | 14.2 | 14.2 | 14.4 | 14.9 | 15.6 | 16.3 | 17.0 | 17.3 | 17.3 | 16.8 | 16.2 | 15.7 | 15.4 | 15.1 | 14.8 | 14.7 | 15.4 | 14.2 | 17.3 | 3.1 |
| 8/15/2009 | 14.5 | 14.4 | 14.2 | 14.0 | 13.7 | 13.5 | 13.2 | 13.0 | 12.8 | 12.8 | 13.0 | 13.6 | 14.4 | 15.1 | 15.9 | 16.3 | 16.3 | 15.9 | 15.3 | 14.9 | 14.6 | 14.3 | 14.2 | 14.0 | 14.3 | 12.8 | 16.3 | 3.5 |
| 8/16/2009 | 13.9 | 13.8 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.1 | 13.0 | 13.0 | 13.2 | 13.7 | 14.5 | 15.3 | 16.0 | 16.4 | 16.5 | 16.1 | 15.5 | 15.1 | 14.8 | 14.6 | 14.4 | 14.3 | 14.4 | 13.0 | 16.5 | 3.5 |
| 8/17/2009 | 14.2 | 14.2 | 14.1 | 14.1 | 13.9 | 13.8 | 13.7 | 13.5 | 13.4 | 13.4 | 13.6 | 14.1 | 14.9 | 15.7 | 16.4 | 16.8 | 16.9 | 16.5 | 16.0 | 15.7 | 15.5 | 15.3 | 15.1 | 15.0 | 14.8 | 13.4 | 16.9 | 3.5 |
| 8/18/2009 | 14.9 | 14.8 | 14.7 | 14.6 | 14.4 | 14.3 | 14.2 | 14.0 | 13.9 | 13.9 | 14.1 | 14.7 | 15.5 | 16.3 | 17.0 | 17.5 | 17.6 | 17.2 | 16.6 | 16.3 | 16.0 | 15.8 | 15.6 | 15.5 | 15.4 | 13.9 | 17.6 | 3.7 |
| 8/19/2009 | 15.4 | 15.3 | 15.2 | 15.2 | 15.0 | 14.9 | 14.7 | 14.6 | 14.5 | 14.5 | 14.7 | 15.2 | 16.0 | 16.9 | 17.6 | 18.0 | 18.0 | 17.7 | 17.2 | 16.8 | 16.6 | 16.4 | 16.2 | 16.1 | 15.9 | 14.5 | 18.0 | 3.5 |
| 8/20/2009 | 16.0 | 15.9 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.1 | 15.1 | 15.1 | 15.3 | 15.8 | 16.6 | 17.4 | 18.1 | 18.5 | 18.5 | 18.1 | 17.6 | 17.2 | 17.0 | 16.8 | 16.6 | 16.6 | 16.4 | 15.1 | 18.5 | 3.4 |
| 8/21/2009 | 16.5 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.4 | 15.4 | 15.6 | 16.1 | 16.8 | 17.7 | 18.3 | 18.7 | 18.7 | 18.2 | 17.6 | 17.2 | 16.9 | 16.6 | 16.4 | 16.3 | 16.7 | 15.4 | 18.7 | 3.3 |
| 8/22/2009 | 16.2 | 16.1 | 15.9 | 15.8 | 15.7 | 15.5 | 15.4 | 15.3 | 15.2 | 15.2 | 15.4 | 15.9 | 16.5 | 16.6 | 17.2 | 17.5 | 17.6 | 17.3 | 17.0 | 16.8 | 16.7 | 16.5 | 16.4 | 16.4 | 16.3 | 15.2 | 17.6 | 2.4 |
| 8/23/2009 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 16.0 | 16.0 | 16.1 | 16.2 | 16.4 | 16.8 | 17.1 | 17.5 | 17.6 | 17.4 | 16.9 | 16.6 | 16.4 | 16.2 | 16.0 | 15.8 | 16.5 | 15.8 | 17.6 | 1.8 |
| 8/24/2009 | 15.7 | 15.6 | 15.4 | 15.2 | 15.1 | 14.9 | 14.7 | 14.5 | 14.4 | 14.4 | 14.5 | 15.0 | 15.8 | 16.6 | 17.3 | 17.7 | 17.6 | 17.2 | 16.6 | 16.2 | 15.9 | 15.7 | 15.5 | 15.4 | 15.7 | 14.4 | 17.7 | 3.3 |
| 8/25/2009 | 15.3 | 15.2 | 15.1 | 15.0 | 14.8 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.3 | 14.9 | 15.6 | 16.4 | 17.1 | 17.4 | 17.4 | 16.9 | 16.3 | 15.9 | 15.6 | 15.3 | 15.1 | 15.0 | 15.4 | 14.2 | 17.4 | 3.2 |
| 8/26/2009 | 14.9 | 14.8 | 14.7 | 14.6 | 14.4 | 14.3 | 14.1 | 13.9 | 13.7 | 13.7 | 13.8 | 14.3 | 15.1 | 15.9 | 16.6 | 17.0 | 17.0 | 16.5 | 15.9 | 15.5 | 15.2 | 14.9 | 14.8 | 14.6 | 15.0 | 13.7 | 17.0 | 3.4 |
| 8/27/2009 | 14.5 | 14.4 | 14.3 | 14.2 | 14.0 | 13.8 | 13.7 | 13.5 | 13.4 | 13.4 | 13.5 | 14.1 | 14.9 | 15.7 | 16.4 | 16.8 | 16.7 | 16.3 | 15.8 | 15.4 | 15.1 | 14.9 | 14.7 | 14.6 | 14.8 | 13.4 | 16.8 | 3.4 |
| 8/28/2009 | 14.5 | 14.4 | 14.4 | 14.3 | 14.2 | 14.0 | 13.9 | 13.8 | 13.9 | 14.0 | 14.2 | 14.4 | 15.0 | 15.7 | 16.3 | 16.2 | 16.2 | 16.1 | 15.8 | 15.6 | 15.3 | 15.1 | 14.9 | 14.7 | 14.9 | 13.8 | 16.3 | 2.5 |
| 8/29/2009 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.8 | 13.7 | 13.5 | 13.5 | 13.5 | 13.7 | 14.2 | 15.0 | 15.9 | 16.7 | 17.2 | 17.2 | 16.8 | 16.2 | 15.9 | 15.6 | 15.4 | 15.3 | 15.3 | 15.0 | 13.5 | 17.2 | 3.7 |
| 8/30/2009 | 15.2 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.5 | 14.6 | 15.1 | 15.9 | 16.6 | 17.3 | 17.7 | 17.6 | 17.1 | 16.5 | 16.1 | 15.8 | 15.6 | 15.4 | 15.3 | 15.6 | 14.5 | 17.7 | 3.2 |
| 8/31/2009 | 15.2 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.5 | 14.7 | 15.2 | 15.8 | 16.6 | 17.3 | 17.7 | 17.5 | 17.1 | 16.5 | 16.2 | 15.9 | 15.7 | 15.6 | 15.4 | 15.7 | 14.5 | 17.7 | 3.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 13.3 | Minimum | 11.9 |
| Mean Daily Mean | 15.3 | Mean Minimum | 14.1 |
| Maximum Daily Mean | 16.7 | | |
| | | Maximum | 18.7 |
| Minumum Range | 1.6 | Mean Maximum | 17.2 |
| Maximum Range | 3.7 | | |
| | | Mean Range | 3.1 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Bear River below Salt Springs Road**
**Station BR2**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.7 | 14.5 | 14.5 | 14.7 | 15.6 | 17.0 | 17.8 | 18.6 | 18.8 | 18.3 | 17.9 | 17.4 | 16.8 | 16.4 | 16.0 | 15.7 | 15.4 | 16.1 | 14.5 | 18.8 | 4.3 |
| 9/2/2009 | 15.1 | 14.9 | 14.7 | 14.6 | 14.5 | 14.4 | 14.2 | 14.1 | 14.1 | 14.3 | 15.1 | 16.2 | 17.2 | 17.6 | 17.8 | 17.6 | 17.5 | 17.3 | 16.9 | 16.6 | 16.3 | 15.9 | 15.6 | 15.3 | 15.7 | 14.1 | 17.8 | 3.7 |
| 9/3/2009 | 15.1 | 14.9 | 14.7 | 14.6 | 14.4 | 14.3 | 14.2 | 14.1 | 14.1 | 14.3 | 15.1 | 16.3 | 17.5 | 18.2 | 18.7 | 18.9 | 18.5 | 18.0 | 17.6 | 17.0 | 16.5 | 16.1 | 15.8 | 15.5 | 16.0 | 14.1 | 18.9 | 4.8 |
| 9/4/2009 | 15.2 | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.4 | 14.7 | 15.4 | 16.6 | 17.9 | 18.3 | 19.0 | 19.1 | 18.5 | 18.0 | 17.6 | 16.9 | 16.3 | 15.9 | 15.5 | 15.2 | 16.1 | 14.3 | 19.1 | 4.7 |
| 9/5/2009 | 14.9 | 14.7 | 14.5 | 14.2 | 14.1 | 13.9 | 13.8 | 13.7 | 13.7 | 13.8 | 14.6 | 16.0 | 17.2 | 17.5 | 18.5 | 18.4 | 17.8 | 17.2 | 16.7 | 16.1 | 15.6 | 15.3 | 14.9 | 14.5 | 15.5 | 13.7 | 18.5 | 4.8 |
| 9/6/2009 | 14.2 | 14.0 | 13.8 | 13.7 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.2 | 13.8 | 15.1 | 16.1 | 16.5 | 17.4 | 17.7 | 17.2 | 16.6 | 16.1 | 15.6 | 15.1 | 14.7 | 14.4 | 14.1 | 14.8 | 13.1 | 17.7 | 4.6 |
| 9/7/2009 | 13.9 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.1 | 13.5 | 14.6 | 15.7 | 16.2 | 17.2 | 17.4 | 17.0 | 16.4 | 15.9 | 15.4 | 14.8 | 14.4 | 14.1 | 13.8 | 14.6 | 13.1 | 17.4 | 4.3 |
| 9/8/2009 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.9 | 12.9 | 13.2 | 14.4 | 15.5 | 16.0 | 17.1 | 17.4 | 17.0 | 16.5 | 16.0 | 15.5 | 15.1 | 14.7 | 14.4 | 14.2 | 14.5 | 12.9 | 17.4 | 4.5 |
| 9/9/2009 | 14.0 | 13.8 | 13.7 | 13.6 | 13.6 | 13.5 | 13.4 | 13.4 | 13.4 | 13.5 | 13.7 | 14.8 | 16.0 | 16.5 | 17.6 | 17.9 | 17.5 | 16.9 | 16.5 | 16.0 | 15.5 | 15.2 | 14.9 | 14.6 | 15.0 | 13.4 | 17.9 | 4.5 |
| 9/10/2009 | 14.4 | 14.3 | 14.1 | 14.1 | 14.0 | 13.9 | 13.8 | 13.7 | 13.7 | 13.9 | 14.3 | 15.0 | 16.3 | 16.9 | 17.9 | 18.3 | 17.9 | 17.4 | 17.0 | 16.5 | 16.1 | 15.7 | 15.4 | 15.2 | 15.4 | 13.7 | 18.3 | 4.6 |
| 9/11/2009 | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.2 | 14.3 | 14.5 | 15.4 | 16.7 | 17.0 | 18.3 | 18.1 | 18.0 | 17.6 | 17.3 | 16.9 | 16.5 | 16.2 | 15.9 | 15.7 | 15.8 | 14.2 | 18.3 | 4.1 |
| 9/12/2009 | 15.6 | 15.3 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.8 | 14.8 | 15.0 | 15.8 | 16.6 | 16.0 | 16.5 | 16.7 | 16.9 | 16.7 | 16.4 | 16.2 | 15.9 | 15.6 | 15.3 | 15.0 | 15.6 | 14.7 | 16.9 | 2.2 |
| 9/13/2009 | 14.8 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 13.9 | 13.9 | 14.0 | 14.2 | 15.0 | 16.1 | 16.2 | 16.7 | 16.8 | 16.6 | 16.1 | 15.8 | 15.4 | 14.9 | 14.5 | 14.2 | 14.0 | 14.9 | 13.9 | 16.8 | 2.9 |
| 9/14/2009 | 13.7 | 13.7 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.4 | 13.4 | 13.5 | 13.8 | 14.3 | 14.7 | 15.6 | 16.2 | 16.0 | 15.4 | 15.3 | 15.0 | 14.6 | 14.2 | 14.0 | 13.7 | 13.5 | 14.2 | 13.3 | 16.2 | 2.9 |
| 9/15/2009 | 13.3 | 13.1 | 12.9 | 12.8 | 12.6 | 12.5 | 12.3 | 12.2 | 12.1 | 12.2 | 12.4 | 13.2 | 14.3 | 15.2 | 16.3 | 16.6 | 16.3 | 15.8 | 15.3 | 14.9 | 14.6 | 14.3 | 14.0 | 13.8 | 13.9 | 12.1 | 16.6 | 4.4 |
| 9/16/2009 | 13.7 | 13.6 | 13.5 | 13.4 | 13.2 | 13.2 | 13.1 | 13.0 | 12.9 | 13.0 | 13.2 | 14.0 | 15.1 | 15.7 | 17.0 | 17.3 | 17.0 | 16.5 | 16.1 | 15.6 | 15.2 | 14.9 | 14.7 | 14.4 | 14.5 | 12.9 | 17.3 | 4.4 |
| 9/17/2009 | 14.3 | 14.2 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.6 | 13.6 | 13.6 | 13.8 | 14.4 | 15.7 | 16.2 | 17.3 | 17.9 | 17.6 | 17.1 | 16.7 | 16.3 | 15.9 | 15.6 | 15.3 | 15.1 | 15.1 | 13.6 | 17.9 | 4.3 |
| 9/18/2009 | 14.9 | 14.8 | 14.6 | 14.5 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 13.9 | 14.1 | 14.7 | 16.2 | 16.6 | 18.0 | 18.4 | 18.1 | 17.5 | 17.0 | 16.6 | 16.1 | 15.8 | 15.6 | 15.3 | 15.6 | 13.9 | 18.4 | 4.5 |
| 9/19/2009 | 15.0 | 14.8 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.2 | 14.2 | 14.5 | 14.8 | 15.4 | 16.5 | 16.7 | 17.8 | 18.2 | 18.1 | 17.4 | 16.9 | 16.5 | 16.0 | 15.6 | 15.3 | 15.0 | 15.6 | 14.2 | 18.2 | 4.0 |
| 9/20/2009 | 14.7 | 14.5 | 14.3 | 14.2 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.6 | 13.8 | 14.4 | 15.8 | 16.2 | 17.6 | 18.1 | 17.8 | 17.2 | 16.8 | 16.4 | 15.9 | 15.5 | 15.2 | 14.9 | 15.2 | 13.6 | 18.1 | 4.5 |
| 9/21/2009 | 14.6 | 14.4 | 14.3 | 14.1 | 13.9 | 13.8 | 13.6 | 13.5 | 13.4 | 13.4 | 13.6 | 14.2 | 15.7 | 16.0 | 17.5 | 17.9 | 17.7 | 17.1 | 16.8 | 16.5 | 16.1 | 15.5 | 15.0 | 14.6 | 15.1 | 13.4 | 17.9 | 4.5 |
| 9/22/2009 | 14.2 | 13.9 | 13.7 | 13.5 | 13.3 | 13.1 | 13.0 | 12.8 | 12.8 | 12.7 | 12.9 | 13.7 | 15.2 | 15.6 | 17.0 | 17.5 | 17.3 | 16.7 | 16.3 | 15.9 | 15.4 | 15.0 | 14.6 | 14.2 | 14.6 | 12.7 | 17.5 | 4.8 |
| 9/23/2009 | 13.9 | 13.6 | 13.4 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.7 | 12.9 | 13.7 | 15.1 | 15.6 | 16.9 | 17.3 | 17.1 | 16.5 | 16.2 | 15.7 | 15.2 | 14.9 | 14.5 | 14.2 | 14.4 | 12.7 | 17.3 | 4.6 |
| 9/24/2009 | 14.0 | 13.7 | 13.5 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 | 12.8 | 13.0 | 13.8 | 15.1 | 15.6 | 16.9 | 17.3 | 17.1 | 16.5 | 16.2 | 15.8 | 15.3 | 15.0 | 14.6 | 14.4 | 14.5 | 12.8 | 17.3 | 4.5 |
| 9/25/2009 | 14.1 | 13.9 | 13.8 | 13.6 | 13.5 | 13.3 | 13.2 | 13.1 | 13.0 | 13.0 | 13.2 | 13.9 | 15.2 | 15.7 | 17.0 | 17.4 | 17.2 | 16.7 | 16.3 | 15.9 | 15.6 | 15.2 | 14.9 | 14.5 | 14.7 | 13.0 | 17.4 | 4.4 |
| 9/26/2009 | 14.1 | 13.9 | 13.6 | 13.4 | 13.2 | 13.1 | 13.0 | 12.9 | 12.9 | 12.9 | 13.2 | 14.1 | 15.2 | 16.0 | 17.1 | 17.5 | 17.3 | 16.7 | 16.3 | 15.9 | 15.5 | 15.1 | 14.8 | 14.5 | 14.7 | 12.9 | 17.5 | 4.6 |
| 9/27/2009 | 14.2 | 13.9 | 13.7 | 13.5 | 13.3 | 13.2 | 13.1 | 12.9 | 12.9 | 12.9 | 13.1 | 13.9 | 15.1 | 15.8 | 17.0 | 17.3 | 17.0 | 16.6 | 16.3 | 15.9 | 15.5 | 15.2 | 14.8 | 14.6 | 14.7 | 12.9 | 17.3 | 4.4 |
| 9/28/2009 | 14.3 | 14.1 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.4 | 13.5 | 13.6 | 14.2 | 15.3 | 15.8 | 16.3 | 16.5 | 16.4 | 16.0 | 15.7 | 15.3 | 14.9 | 14.6 | 14.2 | 13.8 | 14.6 | 13.4 | 16.5 | 3.1 |
| 9/29/2009 | 13.6 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.2 | 13.1 | 13.0 | 13.0 | 13.1 | 13.2 | 13.3 | 13.3 | 13.8 | 13.9 | 13.7 | 13.3 | 12.9 | 12.4 | 12.0 | 11.7 | 11.4 | 11.1 | 13.0 | 11.1 | 13.9 | 2.8 |
| 9/30/2009 | 10.9 | 10.6 | 10.4 | 10.2 | 10.0 | 10.0 | 9.7 | 9.6 | 9.5 | 9.4 | 9.6 | 10.4 | 11.1 | 12.1 | 13.0 | 13.1 | 12.7 | 12.3 | 11.9 | 11.4 | 10.9 | 10.6 | 10.3 | 10.1 | 10.8 | 9.4 | 13.1 | 3.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 10.8 | Minimum | 9.4 |
| Mean Daily Mean | 14.8 | Mean Minimum | 13.3 |
| Maximum Daily Mean | 16.1 | | |
| | | Maximum | 19.1 |
| Minumum Range | 2.2 | Mean Maximum | 17.4 |
| Maximum Range | 4.8 | | |
| | | Mean Range | 4.1 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.3 | 7.2 | 7.0 | 6.9 | 6.9 | 7.0 | 7.2 | 7.5 | 8.0 | 8.7 | 9.3 | 9.6 | 9.8 | 9.7 | 9.5 | 9.2 | 9.0 | 8.8 | 8.8 | 8.2 | 6.9 | 9.8 | 2.9 |
| 4/2/2009 | 8.7 | 8.7 | 8.6 | 8.5 | 8.4 | 8.2 | 8.0 | 7.8 | 7.6 | 7.6 | 7.7 | 7.9 | 8.1 | 8.5 | 9.1 | 9.5 | 9.7 | 9.6 | 9.6 | 9.5 | 9.3 | 9.1 | 8.9 | 8.9 | 8.6 | 7.6 | 9.7 | 2.1 |
| 4/3/2009 | 8.9 | 8.8 | 8.7 | 8.6 | 8.4 | 8.2 | 8.0 | 7.8 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 8.1 | 8.6 | 9.0 | 9.1 | 9.1 | 8.9 | 8.5 | 8.1 | 7.7 | 7.4 | 7.2 | 8.2 | 7.2 | 9.1 | 2.0 |
| 4/4/2009 | 7.0 | 6.8 | 6.6 | 6.4 | 6.1 | 5.9 | 5.6 | 5.3 | 5.1 | 5.1 | 5.1 | 5.3 | 5.6 | 6.2 | 6.9 | 7.5 | 7.8 | 8.0 | 7.8 | 7.6 | 7.4 | 7.1 | 7.0 | 6.9 | 6.5 | 5.1 | 8.0 | 2.9 |
| 4/5/2009 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.2 | 6.0 | 5.8 | 5.7 | 5.7 | 5.8 | 6.0 | 6.3 | 6.9 | 7.6 | 8.2 | 8.6 | 8.7 | 8.7 | 8.4 | 8.2 | 7.9 | 7.8 | 7.8 | 7.1 | 5.7 | 8.7 | 3.0 |
| 4/6/2009 | 7.7 | 7.6 | 7.6 | 7.5 | 7.3 | 7.1 | 6.8 | 6.6 | 6.4 | 6.4 | 6.5 | 6.7 | 7.0 | 7.6 | 8.3 | 8.9 | 9.4 | 9.6 | 9.5 | 9.2 | 9.0 | 8.8 | 8.7 | 8.7 | 7.9 | 6.4 | 9.6 | 3.2 |
| 4/7/2009 | 8.6 | 8.6 | 8.5 | 8.4 | 8.2 | 8.0 | 7.8 | 7.5 | 7.4 | 7.3 | 7.4 | 7.6 | 7.9 | 8.5 | 9.0 | 9.1 | 9.1 | 9.0 | 8.7 | 8.4 | 8.3 | 8.1 | 7.9 | 7.8 | 8.2 | 7.3 | 9.1 | 1.8 |
| 4/8/2009 | 7.6 | 7.5 | 7.3 | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6.1 | 6.0 | 5.9 | 5.9 | 5.9 | 5.9 | 6.1 | 6.3 | 6.4 | 6.6 | 6.5 | 6.5 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 5.9 | 7.6 | 1.8 |
| 4/9/2009 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 5.9 | 6.1 | 6.1 | 6.2 | 6.2 | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 | 5.9 | 6.4 | 0.5 |
| 4/10/2009 | 6.3 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 6.1 | 6.3 | 6.5 | 6.6 | 6.8 | 6.9 | 7.0 | 7.0 | 7.1 | 7.1 | 7.0 | 7.1 | 6.4 | 5.9 | 7.1 | 1.2 |
| 4/11/2009 | 7.0 | 6.9 | 6.9 | 6.8 | 6.6 | 6.5 | 6.3 | 6.2 | 6.1 | 6.2 | 6.4 | 6.6 | 7.0 | 7.6 | 8.1 | 8.6 | 8.6 | 8.6 | 8.8 | 8.7 | 8.7 | 8.6 | 8.4 | 8.4 | 7.4 | 6.1 | 8.8 | 2.6 |
| 4/12/2009 | 8.3 | 8.0 | 7.8 | 7.7 | 7.6 | 7.4 | 7.3 | 7.1 | 6.9 | 6.9 | 7.0 | 7.2 | 7.6 | 8.3 | 9.0 | 9.7 | 10.2 | 10.5 | 10.3 | 9.9 | 9.7 | 9.6 | 9.4 | 9.4 | 8.4 | 6.9 | 10.5 | 3.6 |
| 4/13/2009 | 9.4 | 9.3 | 9.2 | 9.1 | 8.9 | 8.7 | 8.5 | 8.3 | 8.1 | 8.1 | 8.2 | 8.3 | 8.6 | 9.2 | 9.7 | 10.1 | 10.4 | 10.6 | 10.5 | 10.3 | 10.0 | 9.9 | 9.9 | 9.8 | 9.3 | 8.1 | 10.6 | 2.5 |
| 4/14/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.3 | 9.1 | 8.9 | 8.7 | 8.5 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.7 | 8.8 | 8.5 | 8.2 | 8.0 | 7.8 | 7.6 | 7.4 | 7.2 | 7.1 | 8.5 | 7.1 | 9.8 | 2.7 |
| 4/15/2009 | 6.9 | 6.7 | 6.4 | 6.1 | 5.8 | 5.6 | 5.3 | 5.1 | 4.9 | 4.9 | 5.0 | 5.2 | 5.5 | 6.0 | 6.6 | 6.9 | 7.1 | 7.0 | 6.7 | 6.6 | 6.6 | 6.4 | 6.4 | 6.3 | 6.1 | 4.9 | 7.1 | 2.2 |
| 4/16/2009 | 6.2 | 6.1 | 5.9 | 5.8 | 5.6 | 5.4 | 5.2 | 5.0 | 4.9 | 5.0 | 5.2 | 5.5 | 6.0 | 6.7 | 7.5 | 8.2 | 8.7 | 8.9 | 8.9 | 8.6 | 8.4 | 8.2 | 8.1 | 8.1 | 6.8 | 4.9 | 8.9 | 4.0 |
| 4/17/2009 | 8.0 | 7.9 | 7.8 | 7.7 | 7.5 | 7.3 | 7.0 | 6.8 | 6.7 | 6.8 | 6.9 | 7.2 | 7.6 | 8.3 | 9.1 | 9.8 | 10.2 | 10.5 | 10.4 | 10.1 | 9.9 | 9.7 | 9.6 | 9.5 | 8.4 | 6.7 | 10.5 | 3.8 |
| 4/18/2009 | 9.4 | 9.4 | 9.3 | 9.1 | 9.0 | 8.7 | 8.5 | 8.2 | 8.1 | 8.1 | 8.3 | 8.5 | 8.9 | 9.7 | 10.5 | 11.1 | 11.7 | 12.0 | 11.9 | 11.6 | 11.4 | 11.2 | 11.1 | 11.0 | 9.9 | 8.1 | 12.0 | 3.9 |
| 4/19/2009 | 11.0 | 10.9 | 10.8 | 10.7 | 10.5 | 10.2 | 10.0 | 9.7 | 9.5 | 9.5 | 9.6 | 9.7 | 10.1 | 10.8 | 11.5 | 12.1 | 12.5 | 12.7 | 12.6 | 12.3 | 12.1 | 11.9 | 11.8 | 11.7 | 11.0 | 9.5 | 12.7 | 3.2 |
| 4/20/2009 | 11.6 | 11.5 | 11.4 | 11.2 | 11.0 | 10.7 | 10.4 | 10.1 | 9.8 | 9.8 | 9.8 | 9.9 | 10.3 | 11.0 | 11.7 | 12.3 | 12.8 | 13.0 | 12.9 | 12.6 | 12.4 | 12.2 | 12.1 | 12.1 | 11.4 | 9.8 | 13.0 | 3.2 |
| 4/21/2009 | 12.0 | 11.9 | 11.8 | 11.5 | 11.2 | 10.8 | 10.4 | 10.1 | 9.7 | 9.4 | 9.4 | 9.5 | 9.8 | 10.3 | 10.8 | 11.4 | 11.8 | 12.0 | 12.0 | 11.8 | 11.6 | 11.5 | 11.4 | 11.4 | 11.0 | 9.4 | 12.0 | 2.6 |
| 4/22/2009 | 11.3 | 11.2 | 11.0 | 10.7 | 10.4 | 10.1 | 9.7 | 9.4 | 9.1 | 9.1 | 9.1 | 9.3 | 9.7 | 10.5 | 11.2 | 11.8 | 12.3 | 12.5 | 12.4 | 12.1 | 11.9 | 11.7 | 11.7 | 11.6 | 10.8 | 9.1 | 12.5 | 3.4 |
| 4/23/2009 | 11.5 | 11.3 | 11.1 | 10.7 | 10.4 | 10.0 | 9.7 | 9.3 | 9.1 | 9.0 | 9.0 | 9.2 | 9.6 | 10.2 | 10.7 | 11.0 | 11.1 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.4 | 9.0 | 11.5 | 2.5 |
| 4/24/2009 | 10.5 | 10.4 | 10.2 | 10.0 | 9.8 | 9.5 | 9.3 | 9.1 | 8.9 | 8.7 | 8.5 | 8.3 | 8.4 | 8.7 | 9.0 | 9.4 | 9.6 | 9.3 | 9.1 | 8.9 | 8.6 | 8.3 | 8.1 | 8.0 | 9.1 | 8.0 | 10.5 | 2.6 |
| 4/25/2009 | 7.8 | 7.6 | 7.3 | 7.1 | 6.8 | 6.6 | 6.3 | 6.1 | 6.0 | 6.1 | 6.3 | 6.6 | 7.2 | 8.0 | 8.7 | 9.1 | 9.4 | 9.6 | 9.5 | 9.1 | 8.8 | 8.7 | 8.6 | 8.5 | 7.7 | 6.0 | 9.6 | 3.6 |
| 4/26/2009 | 8.4 | 8.2 | 8.1 | 7.9 | 7.7 | 7.5 | 7.2 | 7.0 | 6.8 | 6.9 | 7.0 | 7.3 | 7.8 | 8.6 | 9.3 | 9.8 | 10.0 | 10.3 | 10.3 | 10.1 | 9.9 | 9.7 | 9.7 | 9.6 | 8.6 | 6.8 | 10.3 | 3.5 |
| 4/27/2009 | 9.5 | 9.4 | 9.3 | 9.2 | 9.0 | 8.7 | 8.4 | 8.2 | 8.0 | 8.1 | 8.2 | 8.5 | 8.9 | 9.5 | 10.1 | 10.5 | 10.9 | 11.0 | 11.0 | 10.8 | 10.5 | 10.2 | 10.0 | 9.8 | 9.5 | 8.0 | 11.0 | 3.0 |
| 4/28/2009 | 9.7 | 9.5 | 9.3 | 9.0 | 8.6 | 8.3 | 8.0 | 7.7 | 7.4 | 7.3 | 7.1 | 7.0 | 7.4 | 8.1 | 8.8 | 9.5 | 9.7 | 9.8 | 9.8 | 9.6 | 9.4 | 9.3 | 9.2 | 9.1 | 8.7 | 7.0 | 9.8 | 2.8 |
| 4/29/2009 | 8.9 | 8.7 | 8.4 | 8.1 | 7.7 | 7.4 | 7.1 | 6.8 | 6.6 | 6.6 | 6.7 | 7.0 | 7.5 | 8.3 | 8.9 | 9.3 | 9.6 | 9.8 | 9.8 | 9.7 | 9.6 | 9.4 | 9.3 | 9.2 | 8.3 | 6.6 | 9.8 | 3.2 |
| 4/30/2009 | 9.1 | 8.9 | 8.7 | 8.4 | 8.1 | 7.8 | 7.5 | 7.2 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 8.3 | 9.0 | 9.3 | 9.7 | 9.8 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.8 | 8.6 | 7.1 | 9.9 | 2.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.1 | Minimum | 4.9 |
| Mean Daily Mean | 8.5 | Mean Minimum | 7.1 |
| Maximum Daily Mean | 11.4 | | |
| | | Maximum | 13.0 |
| Minumum Range | 0.5 | Mean Maximum | 9.9 |
| Maximum Range | 4.0 | | |
| | | Mean Range | 2.8 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.2 | 9.1 | 9.0 | 8.9 | 8.9 | 8.9 | 9.0 | 9.1 | 9.1 | 9.3 | 9.4 | 9.4 | 9.4 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.3 | 8.9 | 9.8 | 0.9 |
| 5/2/2009 | 9.4 | 9.3 | 9.0 | 8.7 | 8.2 | 7.3 | 6.8 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 6.5 | 9.4 | 2.9 |
| 5/3/2009 | 7.3 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 7.1 | 7.2 | 7.4 | 7.6 | 7.7 | 7.8 | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.4 | 7.2 | 7.3 | 6.9 | 7.9 | 1.0 |
| 5/4/2009 | 7.0 | 6.9 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 | 6.4 | 6.5 | 6.7 | 7.1 | 7.5 | 7.8 | 8.1 | 8.6 | 8.9 | 9.0 | 9.1 | 9.1 | 9.1 | 9.0 | 9.0 | 8.9 | 7.6 | 6.3 | 9.1 | 2.8 |
| 5/5/2009 | 8.8 | 8.8 | 8.6 | 8.5 | 8.4 | 8.2 | 8.1 | 8.1 | 8.0 | 8.1 | 8.1 | 8.2 | 8.5 | 8.8 | 9.1 | 9.4 | 9.7 | 9.8 | 9.7 | 9.8 | 9.8 | 9.6 | 9.6 | 9.4 | 8.9 | 8.0 | 9.8 | 1.7 |
| 5/6/2009 | 9.1 | 8.8 | 8.5 | 8.3 | 8.1 | 7.8 | 7.7 | 7.6 | 7.5 | 7.5 | 7.7 | 8.1 | 8.7 | 9.3 | 9.9 | 10.4 | 10.8 | 11.1 | 11.2 | 11.1 | 11.2 | 11.2 | 11.1 | 10.9 | 9.3 | 7.5 | 11.2 | 3.7 |
| 5/7/2009 | 10.7 | 10.4 | 10.0 | 9.6 | 9.3 | 8.9 | 8.5 | 8.1 | 7.8 | 7.7 | 7.8 | 8.2 | 8.7 | 9.4 | 10.0 | 10.6 | 11.0 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.6 | 10.3 | 9.7 | 7.7 | 11.2 | 3.4 |
| 5/8/2009 | 10.0 | 9.6 | 9.2 | 8.9 | 8.7 | 8.4 | 8.1 | 7.8 | 7.6 | 7.6 | 7.8 | 8.3 | 8.8 | 9.4 | 10.0 | 10.4 | 10.8 | 10.9 | 10.8 | 10.6 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 7.6 | 10.9 | 3.3 |
| 5/9/2009 | 9.3 | 9.0 | 8.8 | 8.7 | 8.5 | 8.3 | 8.0 | 7.8 | 7.7 | 7.8 | 8.0 | 8.4 | 9.0 | 9.6 | 10.1 | 10.5 | 10.8 | 11.0 | 10.9 | 10.7 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 7.7 | 11.0 | 3.3 |
| 5/10/2009 | 9.3 | 9.1 | 8.9 | 8.8 | 8.6 | 8.3 | 8.1 | 7.8 | 7.7 | 7.7 | 7.9 | 8.4 | 9.0 | 9.6 | 10.1 | 10.6 | 11.0 | 11.1 | 11.0 | 10.9 | 10.7 | 10.4 | 10.1 | 9.7 | 9.4 | 7.7 | 11.1 | 3.4 |
| 5/11/2009 | 9.4 | 9.1 | 8.9 | 8.8 | 8.6 | 8.4 | 8.1 | 7.8 | 7.7 | 7.7 | 7.9 | 8.4 | 8.9 | 9.5 | 10.0 | 10.5 | 10.8 | 10.9 | 10.8 | 10.5 | 10.4 | 10.1 | 9.7 | 9.4 | 9.3 | 7.7 | 10.9 | 3.2 |
| 5/12/2009 | 9.2 | 9.0 | 8.8 | 8.7 | 8.5 | 8.2 | 8.0 | 7.8 | 7.7 | 7.7 | 7.9 | 8.4 | 8.9 | 9.4 | 9.9 | 10.2 | 10.4 | 10.5 | 10.3 | 10.0 | 9.8 | 9.4 | 9.1 | 8.8 | 9.0 | 7.7 | 10.5 | 2.8 |
| 5/13/2009 | 8.5 | 8.3 | 8.1 | 8.0 | 7.8 | 7.6 | 7.5 | 7.4 | 7.3 | 7.4 | 7.6 | 8.1 | 8.6 | 9.1 | 9.5 | 9.9 | 10.2 | 10.3 | 10.1 | 10.0 | 9.8 | 9.5 | 9.2 | 8.9 | 8.7 | 7.3 | 10.3 | 3.0 |
| 5/14/2009 | 8.7 | 8.6 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 | 8.1 | 8.6 | 9.1 | 9.7 | 10.2 | 10.6 | 10.9 | 11.0 | 10.9 | 10.6 | 10.4 | 10.1 | 9.7 | 9.4 | 9.2 | 7.9 | 11.0 | 3.1 |
| 5/15/2009 | 9.2 | 9.0 | 8.9 | 8.8 | 8.7 | 8.5 | 8.4 | 8.3 | 8.3 | 8.4 | 8.7 | 9.1 | 9.7 | 10.4 | 11.1 | 11.6 | 11.9 | 12.0 | 11.8 | 11.5 | 11.2 | 10.8 | 10.5 | 10.2 | 9.9 | 8.3 | 12.0 | 3.7 |
| 5/16/2009 | 9.9 | 9.6 | 9.4 | 9.2 | 9.1 | 9.0 | 8.8 | 8.7 | 8.7 | 8.8 | 9.1 | 9.6 | 10.1 | 10.7 | 11.3 | 11.7 | 12.0 | 12.0 | 11.8 | 11.5 | 11.2 | 10.9 | 10.5 | 10.2 | 10.2 | 8.7 | 12.0 | 3.3 |
| 5/17/2009 | 9.9 | 9.7 | 9.5 | 9.3 | 9.2 | 9.1 | 8.9 | 8.8 | 8.8 | 8.9 | 9.2 | 9.6 | 10.2 | 10.8 | 11.3 | 11.7 | 12.0 | 12.1 | 11.9 | 11.6 | 11.3 | 10.9 | 10.5 | 10.1 | 10.2 | 8.8 | 12.1 | 3.3 |
| 5/18/2009 | 9.8 | 9.5 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.7 | 8.6 | 8.7 | 8.9 | 9.3 | 9.8 | 10.3 | 10.8 | 11.1 | 11.3 | 11.2 | 10.9 | 10.4 | 10.0 | 9.6 | 9.4 | 9.3 | 9.7 | 8.6 | 11.3 | 2.7 |
| 5/19/2009 | 9.2 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.6 | 8.6 | 8.6 | 8.6 | 8.7 | 9.2 | 9.7 | 10.2 | 10.7 | 11.0 | 11.2 | 11.1 | 10.7 | 10.3 | 9.8 | 9.5 | 9.3 | 9.1 | 9.5 | 8.6 | 11.2 | 2.6 |
| 5/20/2009 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.2 | 8.2 | 8.2 | 8.2 | 8.5 | 8.9 | 9.3 | 9.8 | 10.2 | 10.5 | 10.6 | 10.6 | 10.3 | 10.0 | 9.6 | 9.3 | 9.0 | 8.9 | 9.2 | 8.2 | 10.6 | 2.4 |
| 5/21/2009 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.2 | 8.4 | 8.8 | 9.3 | 9.8 | 10.2 | 10.5 | 10.6 | 10.6 | 10.3 | 10.0 | 9.7 | 9.4 | 9.1 | 9.0 | 9.2 | 8.1 | 10.6 | 2.5 |
| 5/22/2009 | 8.8 | 8.8 | 8.7 | 8.7 | 8.7 | 8.6 | 8.6 | 8.5 | 8.4 | 8.5 | 8.8 | 9.2 | 9.6 | 10.1 | 10.5 | 10.7 | 10.9 | 10.9 | 10.7 | 10.4 | 10.1 | 9.7 | 9.4 | 9.2 | 9.4 | 8.4 | 10.9 | 2.5 |
| 5/23/2009 | 9.0 | 9.0 | 8.9 | 8.9 | 8.8 | 8.8 | 8.7 | 8.6 | 8.5 | 8.6 | 8.9 | 9.3 | 9.8 | 10.2 | 10.7 | 11.1 | 11.3 | 11.3 | 11.1 | 10.7 | 10.4 | 10.0 | 9.7 | 9.4 | 9.7 | 8.5 | 11.3 | 2.8 |
| 5/24/2009 | 9.2 | 9.1 | 9.1 | 9.0 | 8.9 | 8.8 | 8.8 | 8.6 | 8.5 | 8.6 | 8.8 | 9.3 | 9.8 | 10.4 | 10.8 | 11.1 | 11.3 | 11.2 | 11.0 | 10.7 | 10.3 | 10.0 | 9.6 | 9.3 | 9.7 | 8.5 | 11.3 | 2.8 |
| 5/25/2009 | 9.1 | 9.0 | 8.9 | 8.9 | 8.9 | 8.8 | 8.8 | 8.6 | 8.4 | 8.5 | 8.7 | 9.1 | 9.7 | 10.3 | 10.8 | 11.1 | 11.3 | 11.3 | 11.1 | 10.8 | 10.5 | 10.2 | 9.8 | 9.6 | 9.7 | 8.4 | 11.3 | 2.9 |
| 5/26/2009 | 9.3 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.0 | 8.9 | 8.9 | 9.2 | 9.7 | 10.3 | 10.8 | 11.6 | 11.8 | 12.1 | 12.2 | 12.0 | 11.7 | 11.4 | 11.0 | 10.5 | 10.1 | 10.2 | 8.9 | 12.2 | 3.3 |
| 5/27/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 9.4 | 9.3 | 9.4 | 9.6 | 10.0 | 10.6 | 11.1 | 11.6 | 12.0 | 12.3 | 11.9 | 11.2 | 10.5 | 10.0 | 9.8 | 9.6 | 9.4 | 10.2 | 9.3 | 12.3 | 3.0 |
| 5/28/2009 | 9.3 | 9.2 | 9.2 | 9.1 | 9.0 | 8.9 | 8.9 | 8.8 | 8.8 | 9.0 | 9.3 | 9.7 | 10.2 | 10.8 | 11.2 | 11.3 | 10.9 | 10.6 | 10.2 | 9.8 | 9.6 | 9.5 | 9.4 | 9.4 | 9.7 | 8.8 | 11.3 | 2.5 |
| 5/29/2009 | 9.3 | 9.4 | 9.3 | 9.3 | 9.1 | 9.1 | 9.0 | 8.9 | 8.9 | 9.0 | 9.4 | 9.8 | 10.2 | 10.8 | 10.8 | 10.7 | 10.5 | 10.2 | 10.0 | 9.7 | 9.5 | 9.5 | 9.5 | 9.4 | 9.6 | 8.9 | 10.8 | 1.9 |
| 5/30/2009 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 9.3 | 9.6 | 10.0 | 10.7 | 11.2 | 11.2 | 11.1 | 10.9 | 10.7 | 10.5 | 10.1 | 9.9 | 9.9 | 9.9 | 9.8 | 9.9 | 9.1 | 11.2 | 2.1 |
| 5/31/2009 | 9.7 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.5 | 9.8 | 10.3 | 10.8 | 11.3 | 11.8 | 12.1 | 12.4 | 12.4 | 12.2 | 11.9 | 11.5 | 11.0 | 10.6 | 10.3 | 10.6 | 9.4 | 12.4 | 3.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.3 | Minimum | 6.3 |
| Mean Daily Mean | 9.4 | Mean Minimum | 8.2 |
| Maximum Daily Mean | 10.6 | | |
| | | Maximum | 12.4 |
| Minumum Range | 0.9 | Mean Maximum | 10.9 |
| Maximum Range | 3.7 | | |
| | | Mean Range | 2.8 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 10.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.5 | 9.9 | 10.2 | 10.5 | 10.9 | 11.1 | 11.5 | 11.5 | 11.4 | 11.3 | 11.1 | 10.8 | 10.6 | 10.3 | 10.3 | 9.3 | 11.5 | 2.2 |
| 6/2/2009 | 10.0 | 9.9 | 9.7 | 9.6 | 9.5 | 9.4 | 9.5 | 9.4 | 9.3 | 9.4 | 9.5 | 9.8 | 10.0 | 10.4 | 10.7 | 11.1 | 11.2 | 11.4 | 11.2 | 11.0 | 10.8 | 10.6 | 10.3 | 10.1 | 10.2 | 9.3 | 11.4 | 2.1 |
| 6/3/2009 | 9.9 | 9.8 | 9.7 | 9.5 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 | 9.4 | 9.6 | 9.8 | 10.2 | 10.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.5 | 10.3 | 10.1 | 9.9 | 9.8 | 10.0 | 9.3 | 10.8 | 1.5 |
| 6/4/2009 | 9.7 | 9.6 | 9.5 | 9.4 | 9.2 | 9.2 | 9.2 | 9.2 | 9.3 | 9.4 | 9.7 | 9.9 | 10.2 | 10.6 | 11.0 | 11.3 | 11.4 | 11.4 | 11.1 | 10.9 | 10.8 | 10.5 | 10.2 | 9.9 | 10.1 | 9.2 | 11.4 | 2.2 |
| 6/5/2009 | 9.7 | 9.5 | 9.4 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.4 | 9.4 | 9.5 | 9.5 | 9.6 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.3 | 9.1 | 9.7 | 0.6 |
| 6/6/2009 | 9.2 | 9.0 | 8.9 | 8.8 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.6 | 8.8 | 9.1 | 9.4 | 9.6 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.6 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 8.5 | 9.7 | 1.2 |
| 6/7/2009 | 9.2 | 9.1 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 | 8.9 | 9.0 | 9.2 | 9.5 | 10.0 | 10.5 | 11.1 | 11.8 | 12.1 | 12.4 | 12.7 | 12.7 | 12.5 | 12.4 | 12.2 | 11.8 | 11.4 | 10.6 | 8.9 | 12.7 | 3.8 |
| 6/8/2009 | 11.0 | 10.6 | 10.2 | 9.9 | 9.6 | 9.4 | 9.3 | 9.2 | 9.2 | 9.4 | 9.7 | 10.2 | 10.8 | 11.5 | 12.1 | 12.6 | 12.8 | 13.0 | 12.9 | 12.6 | 12.4 | 12.2 | 11.8 | 11.4 | 11.0 | 9.2 | 13.0 | 3.8 |
| 6/9/2009 | 11.0 | 10.7 | 10.4 | 10.1 | 9.8 | 9.6 | 9.5 | 9.4 | 9.4 | 9.6 | 9.9 | 10.4 | 11.0 | 11.6 | 12.1 | 12.5 | 12.8 | 13.0 | 13.0 | 12.8 | 12.6 | 12.4 | 12.1 | 11.7 | 11.1 | 9.4 | 13.0 | 3.6 |
| 6/10/2009 | 11.3 | 10.9 | 10.6 | 10.3 | 10.1 | 10.0 | 9.8 | 9.8 | 9.9 | 10.0 | 10.2 | 10.6 | 11.1 | 11.6 | 12.2 | 12.6 | 12.9 | 13.1 | 13.1 | 12.8 | 12.6 | 12.4 | 12.1 | 11.8 | 11.3 | 9.8 | 13.1 | 3.3 |
| 6/11/2009 | 11.3 | 10.9 | 10.6 | 10.3 | 10.0 | 9.8 | 9.6 | 9.5 | 9.5 | 9.6 | 9.8 | 10.3 | 10.9 | 11.4 | 11.7 | 12.3 | 12.7 | 12.7 | 12.7 | 12.5 | 12.1 | 11.8 | 11.6 | 11.4 | 11.0 | 9.5 | 12.7 | 3.3 |
| 6/12/2009 | 11.0 | 10.8 | 10.5 | 10.3 | 10.0 | 9.8 | 9.6 | 9.5 | 9.5 | 9.7 | 10.0 | 10.4 | 11.0 | 11.5 | 12.1 | 12.5 | 12.7 | 12.8 | 12.8 | 12.7 | 12.5 | 12.2 | 11.8 | 11.4 | 11.1 | 9.5 | 12.8 | 3.3 |
| 6/13/2009 | 11.1 | 11.0 | 10.8 | 10.5 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 10.1 | 10.4 | 10.8 | 11.3 | 11.8 | 12.3 | 12.7 | 12.7 | 12.8 | 12.6 | 12.2 | 11.8 | 11.5 | 11.2 | 10.8 | 11.2 | 10.0 | 12.8 | 2.8 |
| 6/14/2009 | 10.6 | 10.4 | 10.3 | 10.2 | 10.1 | 9.9 | 9.8 | 9.8 | 9.8 | 10.0 | 10.3 | 10.7 | 11.3 | 11.7 | 12.1 | 12.7 | 13.0 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.8 | 11.2 | 9.8 | 13.0 | 3.2 |
| 6/15/2009 | 11.5 | 11.3 | 11.1 | 10.8 | 10.5 | 10.3 | 10.0 | 9.9 | 9.9 | 10.0 | 10.3 | 10.8 | 11.3 | 12.1 | 12.5 | 12.8 | 13.2 | 13.3 | 13.2 | 13.2 | 13.2 | 13.2 | 13.0 | 12.8 | 11.7 | 9.9 | 13.3 | 3.4 |
| 6/16/2009 | 12.6 | 12.4 | 12.2 | 11.9 | 11.5 | 11.2 | 10.9 | 10.6 | 10.5 | 10.7 | 11.0 | 11.5 | 12.2 | 13.0 | 13.7 | 14.4 | 14.7 | 14.5 | 14.3 | 14.2 | 14.0 | 13.8 | 13.6 | 13.4 | 12.6 | 10.5 | 14.7 | 4.1 |
| 6/17/2009 | 13.1 | 12.8 | 12.4 | 12.0 | 11.7 | 11.4 | 11.2 | 11.0 | 10.9 | 11.1 | 11.4 | 11.9 | 12.6 | 13.3 | 14.1 | 14.7 | 15.1 | 15.4 | 15.3 | 15.0 | 14.8 | 14.7 | 14.6 | 14.3 | 13.1 | 10.9 | 15.4 | 4.4 |
| 6/18/2009 | 14.0 | 13.6 | 13.1 | 12.7 | 12.2 | 11.8 | 11.4 | 11.1 | 11.0 | 11.2 | 11.5 | 12.0 | 12.8 | 13.6 | 14.4 | 15.0 | 15.5 | 15.7 | 15.8 | 15.5 | 15.3 | 15.2 | 15.1 | 14.9 | 13.5 | 11.0 | 15.8 | 4.8 |
| 6/19/2009 | 14.5 | 14.0 | 13.6 | 13.1 | 12.6 | 12.1 | 11.7 | 11.3 | 11.1 | 11.2 | 11.5 | 12.0 | 12.8 | 13.6 | 14.3 | 14.8 | 15.0 | 15.1 | 15.1 | 15.0 | 14.8 | 14.7 | 14.6 | 14.3 | 13.4 | 11.1 | 15.1 | 4.0 |
| 6/20/2009 | 13.8 | 13.2 | 12.8 | 12.4 | 11.9 | 11.5 | 11.2 | 10.9 | 10.8 | 11.0 | 11.3 | 11.8 | 12.4 | 13.0 | 13.4 | 13.7 | 14.0 | 14.1 | 14.1 | 13.9 | 13.9 | 13.8 | 13.6 | 13.3 | 12.7 | 10.8 | 14.1 | 3.3 |
| 6/21/2009 | 12.9 | 12.5 | 12.1 | 11.7 | 11.2 | 10.9 | 10.6 | 10.4 | 10.3 | 10.5 | 10.8 | 11.2 | 11.9 | 12.6 | 13.3 | 13.9 | 14.3 | 14.6 | 14.5 | 14.3 | 14.1 | 14.0 | 13.9 | 13.6 | 12.5 | 10.3 | 14.6 | 4.3 |
| 6/22/2009 | 13.2 | 12.8 | 12.4 | 12.0 | 11.6 | 11.3 | 11.0 | 10.7 | 10.6 | 10.9 | 11.2 | 11.8 | 12.5 | 13.3 | 14.2 | 15.0 | 15.7 | 16.1 | 16.2 | 16.0 | 15.7 | 15.6 | 15.4 | 15.3 | 13.4 | 10.6 | 16.2 | 5.6 |
| 6/23/2009 | 15.2 | 15.1 | 14.9 | 14.6 | 14.4 | 14.1 | 13.7 | 13.5 | 13.3 | 13.3 | 13.6 | 14.0 | 14.5 | 15.1 | 15.8 | 16.5 | 17.1 | 17.4 | 17.5 | 17.3 | 17.0 | 16.7 | 16.6 | 16.4 | 15.3 | 13.3 | 17.5 | 4.2 |
| 6/24/2009 | 16.3 | 16.1 | 15.8 | 15.6 | 15.3 | 15.0 | 14.7 | 14.4 | 14.3 | 14.3 | 14.6 | 15.0 | 15.7 | 16.1 | 16.8 | 17.4 | 18.0 | 18.3 | 18.4 | 18.2 | 17.8 | 17.5 | 17.3 | 17.1 | 16.3 | 14.3 | 18.4 | 4.1 |
| 6/25/2009 | 16.9 | 16.7 | 16.4 | 16.2 | 15.9 | 15.5 | 15.2 | 14.8 | 14.6 | 14.7 | 14.9 | 15.3 | 15.8 | 16.4 | 16.9 | 17.5 | 18.0 | 18.1 | 18.1 | 18.0 | 17.6 | 17.3 | 17.0 | 16.8 | 16.4 | 14.6 | 18.1 | 3.5 |
| 6/26/2009 | 16.6 | 16.3 | 16.1 | 15.8 | 15.5 | 15.2 | 14.9 | 14.6 | 14.4 | 14.4 | 14.7 | 15.0 | 15.5 | 16.1 | 16.7 | 17.3 | 17.8 | 18.2 | 18.2 | 18.0 | 17.6 | 17.3 | 17.0 | 16.8 | 16.3 | 14.4 | 18.2 | 3.8 |
| 6/27/2009 | 16.7 | 16.5 | 16.3 | 16.0 | 15.7 | 15.4 | 15.1 | 14.7 | 14.6 | 14.7 | 14.9 | 15.3 | 15.9 | 16.5 | 17.2 | 17.9 | 18.4 | 18.8 | 18.9 | 18.7 | 18.3 | 18.0 | 17.7 | 17.6 | 16.7 | 14.6 | 18.9 | 4.3 |
| 6/28/2009 | 17.4 | 17.3 | 17.1 | 16.8 | 16.6 | 16.3 | 15.9 | 15.6 | 15.4 | 15.5 | 15.7 | 16.1 | 16.5 | 17.2 | 17.8 | 19.0 | 19.3 | 19.2 | 19.3 | 19.1 | 18.7 | 18.4 | 18.1 | 17.9 | 17.3 | 15.4 | 19.3 | 3.9 |
| 6/29/2009 | 17.7 | 17.5 | 17.2 | 17.0 | 16.7 | 16.4 | 16.1 | 15.8 | 15.5 | 15.6 | 15.8 | 16.2 | 16.6 | 17.2 | 17.7 | 18.2 | 18.7 | 19.0 | 19.1 | 18.9 | 18.6 | 18.3 | 18.0 | 17.7 | 17.3 | 15.5 | 19.1 | 3.6 |
| 6/30/2009 | 17.5 | 17.3 | 17.1 | 16.8 | 16.5 | 16.2 | 15.9 | 15.6 | 15.3 | 15.3 | 15.4 | 15.4 | 15.3 | 15.3 | 15.2 | 15.4 | 15.9 | 16.3 | 16.3 | 16.2 | 15.8 | 15.6 | 15.4 | 15.3 | 15.9 | 15.2 | 17.5 | 2.3 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.2 | Minimum | 8.5 |
| Mean Daily Mean | 12.7 | Mean Minimum | 11.1 |
| Maximum Daily Mean | 17.3 | | |
| | | Maximum | 19.3 |
| Minumum Range | 0.6 | Mean Maximum | 14.5 |
| Maximum Range | 5.6 | | |
| | | Mean Range | 3.3 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 15.3 | 15.1 | 14.9 | 14.7 | 14.6 | 14.4 | 14.2 | 14.0 | 14.0 | 14.1 | 14.5 | 15.0 | 15.7 | 16.4 | 17.2 | 17.9 | 18.5 | 18.9 | 19.0 | 18.9 | 18.5 | 18.2 | 18.0 | 17.7 | 16.2 | 14.0 | 19.0 | 5.1 |
| 7/2/2009 | 17.6 | 17.4 | 17.2 | 16.9 | 16.6 | 16.4 | 16.1 | 15.8 | 15.7 | 15.8 | 16.1 | 16.6 | 17.1 | 17.7 | 18.4 | 19.0 | 19.4 | 19.7 | 19.8 | 19.6 | 19.3 | 18.9 | 18.6 | 18.3 | 17.7 | 15.7 | 19.8 | 4.1 |
| 7/3/2009 | 18.0 | 17.7 | 17.5 | 17.2 | 17.0 | 16.7 | 16.4 | 16.2 | 16.1 | 16.4 | 16.8 | 17.4 | 18.1 | 18.8 | 19.5 | 20.1 | 20.6 | 20.9 | 20.9 | 20.8 | 20.6 | 20.2 | 19.8 | 19.5 | 18.5 | 16.1 | 20.9 | 4.8 |
| 7/4/2009 | 19.3 | 18.9 | 18.5 | 18.2 | 18.0 | 17.7 | 17.4 | 17.1 | 16.9 | 17.2 | 17.6 | 18.2 | 18.9 | 19.7 | 20.3 | 20.9 | 21.5 | 21.8 | 21.8 | 21.6 | 21.3 | 21.1 | 20.7 | 20.4 | 19.4 | 16.9 | 21.8 | 4.9 |
| 7/5/2009 | 20.2 | 19.9 | 19.5 | 19.2 | 18.9 | 18.6 | 18.4 | 18.1 | 18.0 | 18.2 | 18.6 | 19.2 | 19.9 | 20.6 | 21.1 | 21.7 | 22.1 | 22.4 | 22.3 | 22.0 | 21.6 | 21.3 | 20.9 | 20.5 | 20.1 | 18.0 | 22.4 | 4.4 |
| 7/6/2009 | 20.2 | 19.9 | 19.5 | 19.2 | 18.8 | 18.5 | 18.2 | 17.9 | 17.8 | 18.1 | 18.4 | 19.0 | 19.6 | 20.2 | 20.7 | 21.2 | 21.7 | 22.0 | 21.9 | 21.6 | 21.2 | 20.9 | 20.4 | 20.0 | 19.9 | 17.8 | 22.0 | 4.1 |
| 7/7/2009 | 19.6 | 19.3 | 18.9 | 18.4 | 18.1 | 17.7 | 17.4 | 17.1 | 16.9 | 17.2 | 17.6 | 18.1 | 18.8 | 19.5 | 20.1 | 20.6 | 21.0 | 21.3 | 21.2 | 20.9 | 20.5 | 20.1 | 19.7 | 19.3 | 19.1 | 16.9 | 21.3 | 4.4 |
| 7/8/2009 | 19.0 | 18.6 | 18.2 | 17.8 | 17.4 | 17.0 | 16.8 | 16.5 | 16.3 | 16.6 | 17.0 | 17.6 | 18.2 | 18.9 | 19.6 | 20.1 | 20.7 | 20.9 | 21.0 | 20.7 | 20.3 | 20.0 | 19.6 | 19.2 | 18.7 | 16.3 | 21.0 | 4.6 |
| 7/9/2009 | 18.9 | 18.6 | 18.2 | 17.9 | 17.5 | 17.2 | 17.0 | 16.7 | 16.6 | 16.8 | 17.2 | 17.8 | 18.4 | 19.1 | 19.9 | 20.4 | 20.9 | 21.2 | 21.2 | 20.9 | 20.5 | 20.2 | 19.8 | 19.4 | 18.8 | 16.6 | 21.2 | 4.6 |
| 7/10/2009 | 19.1 | 18.7 | 18.4 | 18.0 | 17.6 | 17.3 | 17.0 | 16.8 | 16.7 | 17.0 | 17.4 | 17.9 | 18.6 | 19.2 | 19.8 | 20.4 | 20.9 | 21.3 | 21.3 | 21.0 | 20.6 | 20.3 | 19.9 | 19.5 | 18.9 | 16.7 | 21.3 | 4.5 |
| 7/11/2009 | 19.2 | 18.9 | 18.6 | 18.3 | 18.0 | 17.8 | 17.6 | 17.4 | 17.3 | 17.6 | 18.0 | 18.6 | 19.3 | 20.0 | 20.5 | 20.6 | 20.4 | 20.4 | 20.3 | 20.3 | 20.0 | 19.7 | 19.5 | 19.3 | 19.1 | 17.3 | 20.6 | 3.2 |
| 7/12/2009 | 19.1 | 18.8 | 18.6 | 18.4 | 18.2 | 18.0 | 17.7 | 17.5 | 17.4 | 17.7 | 18.1 | 18.5 | 18.7 | 18.8 | 19.1 | 19.5 | 19.9 | 20.0 | 20.1 | 19.8 | 19.5 | 19.3 | 19.0 | 18.8 | 18.8 | 17.4 | 20.1 | 2.6 |
| 7/13/2009 | 18.5 | 18.2 | 17.8 | 17.4 | 17.1 | 16.8 | 16.6 | 16.3 | 16.2 | 16.5 | 17.0 | 17.6 | 18.3 | 19.1 | 19.8 | 20.3 | 20.9 | 21.2 | 21.3 | 21.1 | 20.8 | 20.5 | 20.1 | 19.7 | 18.7 | 16.2 | 21.3 | 5.0 |
| 7/14/2009 | 19.5 | 19.2 | 18.9 | 18.6 | 18.3 | 18.1 | 17.8 | 17.6 | 17.5 | 17.8 | 18.2 | 18.8 | 19.5 | 20.3 | 20.9 | 21.5 | 22.0 | 22.3 | 22.4 | 22.3 | 22.0 | 21.7 | 21.4 | 21.0 | 19.9 | 17.5 | 22.4 | 4.9 |
| 7/15/2009 | 20.7 | 20.4 | 20.2 | 19.9 | 19.5 | 19.3 | 19.0 | 18.8 | 18.7 | 19.0 | 19.4 | 20.2 | 20.6 | 21.4 | 22.0 | 22.5 | 23.0 | 23.5 | 23.6 | 23.4 | 23.0 | 22.7 | 22.3 | 21.9 | 21.0 | 18.7 | 23.6 | 4.8 |
| 7/16/2009 | 21.6 | 21.3 | 20.9 | 20.5 | 20.2 | 19.9 | 19.7 | 19.4 | 19.3 | 19.6 | 20.0 | 20.6 | 21.3 | 22.1 | 22.7 | 23.2 | 23.7 | 24.0 | 24.0 | 23.8 | 23.4 | 23.1 | 22.7 | 22.3 | 21.6 | 19.3 | 24.0 | 4.7 |
| 7/17/2009 | 21.9 | 21.6 | 21.3 | 20.9 | 20.6 | 20.3 | 20.0 | 19.7 | 19.6 | 19.9 | 20.3 | 20.9 | 21.6 | 22.3 | 23.0 | 23.4 | 23.8 | 24.1 | 24.0 | 23.8 | 23.5 | 23.2 | 22.8 | 22.5 | 21.9 | 19.6 | 24.1 | 4.4 |
| 7/18/2009 | 22.2 | 21.9 | 21.6 | 21.3 | 20.9 | 20.7 | 20.4 | 20.2 | 20.1 | 20.4 | 20.9 | 21.5 | 22.2 | 22.9 | 23.5 | 24.0 | 24.4 | 24.6 | 24.7 | 24.4 | 24.1 | 23.8 | 23.4 | 23.0 | 22.4 | 20.1 | 24.7 | 4.5 |
| 7/19/2009 | 22.7 | 22.4 | 22.0 | 21.7 | 21.3 | 21.1 | 20.8 | 20.6 | 20.5 | 20.7 | 21.2 | 21.8 | 22.5 | 22.9 | 23.4 | 23.8 | 24.2 | 24.5 | 24.5 | 24.3 | 23.9 | 23.6 | 23.3 | 22.9 | 22.5 | 20.5 | 24.5 | 4.0 |
| 7/20/2009 | 22.6 | 22.3 | 22.0 | 21.6 | 21.3 | 21.0 | 20.8 | 20.6 | 20.5 | 20.7 | 21.1 | 21.7 | 22.4 | 23.1 | 23.8 | 24.2 | 24.6 | 24.9 | 24.9 | 24.7 | 24.3 | 23.9 | 23.5 | 23.1 | 22.7 | 20.5 | 24.9 | 4.4 |
| 7/21/2009 | 22.7 | 22.4 | 22.0 | 21.6 | 21.1 | 20.8 | 20.4 | 20.1 | 20.0 | 20.2 | 20.6 | 21.1 | 21.9 | 22.7 | 23.2 | 23.7 | 24.0 | 24.3 | 24.3 | 24.0 | 23.7 | 23.4 | 23.0 | 22.6 | 22.2 | 20.0 | 24.3 | 4.3 |
| 7/22/2009 | 22.3 | 21.9 | 21.5 | 21.1 | 20.7 | 20.4 | 20.1 | 19.8 | 19.7 | 19.9 | 20.3 | 20.9 | 21.5 | 22.3 | 22.9 | 23.4 | 23.7 | 24.0 | 24.0 | 23.8 | 23.4 | 23.2 | 22.8 | 22.5 | 21.9 | 19.7 | 24.0 | 4.3 |
| 7/23/2009 | 22.2 | 21.9 | 21.6 | 21.3 | 21.0 | 20.7 | 20.4 | 20.2 | 20.1 | 20.3 | 20.7 | 21.3 | 21.9 | 22.7 | 23.3 | 23.7 | 24.1 | 24.3 | 24.4 | 24.1 | 23.8 | 23.5 | 23.2 | 22.8 | 22.2 | 20.1 | 24.4 | 4.2 |
| 7/24/2009 | 22.5 | 22.2 | 21.9 | 21.5 | 21.2 | 20.9 | 20.6 | 20.3 | 20.2 | 20.4 | 20.8 | 21.3 | 22.0 | 22.7 | 23.3 | 23.7 | 24.1 | 24.3 | 24.3 | 24.1 | 23.7 | 23.4 | 23.1 | 22.8 | 22.3 | 20.2 | 24.3 | 4.1 |
| 7/25/2009 | 22.4 | 22.2 | 21.9 | 21.4 | 21.0 | 20.7 | 20.4 | 20.1 | 19.9 | 20.2 | 20.6 | 21.1 | 21.8 | 22.5 | 23.1 | 23.6 | 24.0 | 24.3 | 24.3 | 24.1 | 23.7 | 23.4 | 23.0 | 22.7 | 22.2 | 19.9 | 24.3 | 4.3 |
| 7/26/2009 | 22.3 | 22.0 | 21.7 | 21.3 | 20.9 | 20.6 | 20.3 | 20.1 | 19.9 | 20.2 | 20.6 | 21.2 | 21.9 | 22.7 | 23.3 | 23.8 | 24.2 | 24.4 | 24.4 | 24.2 | 23.8 | 23.5 | 23.2 | 22.8 | 22.2 | 19.9 | 24.4 | 4.4 |
| 7/27/2009 | 22.5 | 22.2 | 21.9 | 21.5 | 21.1 | 20.8 | 20.4 | 20.2 | 20.0 | 20.2 | 20.6 | 21.2 | 22.0 | 22.7 | 23.4 | 23.9 | 24.2 | 24.4 | 24.4 | 24.2 | 23.9 | 23.6 | 23.3 | 22.9 | 22.3 | 20.0 | 24.4 | 4.4 |
| 7/28/2009 | 22.6 | 22.4 | 22.1 | 21.8 | 21.5 | 21.2 | 21.0 | 20.7 | 20.5 | 20.7 | 21.0 | 21.6 | 22.4 | 23.1 | 23.7 | 24.2 | 24.5 | 24.6 | 24.7 | 24.6 | 24.3 | 24.0 | 23.8 | 23.5 | 22.7 | 20.5 | 24.7 | 4.2 |
| 7/29/2009 | 23.2 | 22.9 | 22.7 | 22.4 | 22.1 | 21.8 | 21.5 | 21.2 | 21.1 | 21.3 | 21.7 | 22.2 | 22.8 | 23.5 | 24.0 | 24.5 | 24.8 | 25.0 | 25.1 | 24.8 | 24.5 | 24.2 | 24.0 | 23.6 | 23.1 | 21.1 | 25.1 | 4.0 |
| 7/30/2009 | 23.4 | 23.1 | 22.9 | 22.6 | 22.2 | 21.9 | 21.6 | 21.4 | 21.3 | 21.5 | 21.8 | 22.2 | 22.8 | 23.5 | 24.1 | 24.6 | 25.0 | 25.2 | 25.2 | 25.0 | 24.6 | 24.3 | 24.0 | 23.7 | 23.2 | 21.3 | 25.2 | 3.8 |
| 7/31/2009 | 23.4 | 23.0 | 22.7 | 22.4 | 22.0 | 21.7 | 21.4 | 21.1 | 20.9 | 21.0 | 21.3 | 21.8 | 22.4 | 23.1 | 23.7 | 24.2 | 24.5 | 24.7 | 24.6 | 24.4 | 24.1 | 23.8 | 23.5 | 23.1 | 22.9 | 20.9 | 24.7 | 3.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 16.2 | Minimum | 14.0 |
| Mean Daily Mean | 20.8 | Mean Minimum | 18.6 |
| Maximum Daily Mean | 23.2 | | |
| | | Maximum | 25.2 |
| Minumum Range | 2.6 | Mean Maximum | 22.9 |
| Maximum Range | 5.1 | | |
| | | Mean Range | 4.3 |
| # of Days <= 20 (ºC) | 14 | | |
| # of Days > 20 (ºC) | 17 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 22.8 | 22.6 | 22.4 | 22.0 | 21.6 | 21.2 | 20.9 | 20.5 | 20.4 | 20.5 | 20.8 | 21.2 | 21.7 | 22.3 | 22.9 | 23.4 | 23.7 | 23.8 | 23.7 | 23.5 | 23.2 | 23.0 | 22.7 | 22.4 | 22.2 | 20.4 | 23.8 | 3.4 |
| 8/2/2009 | 22.0 | 21.8 | 21.5 | 21.2 | 20.9 | 20.5 | 20.2 | 20.0 | 19.9 | 20.0 | 20.3 | 20.8 | 21.4 | 21.9 | 22.5 | 22.9 | 23.2 | 23.3 | 23.3 | 23.0 | 22.7 | 22.4 | 22.1 | 21.7 | 21.6 | 19.9 | 23.3 | 3.4 |
| 8/3/2009 | 21.4 | 21.1 | 20.8 | 20.5 | 20.2 | 19.8 | 19.5 | 19.3 | 19.1 | 19.3 | 19.6 | 20.0 | 20.6 | 21.3 | 21.9 | 22.3 | 22.6 | 22.8 | 22.8 | 22.6 | 22.2 | 21.9 | 21.7 | 21.4 | 21.0 | 19.1 | 22.8 | 3.7 |
| 8/4/2009 | 21.1 | 20.8 | 20.5 | 20.3 | 20.0 | 19.7 | 19.4 | 19.0 | 18.9 | 19.1 | 19.4 | 20.0 | 20.6 | 21.4 | 22.0 | 22.6 | 23.0 | 23.1 | 23.0 | 22.7 | 22.4 | 22.1 | 21.9 | 21.6 | 21.0 | 18.9 | 23.1 | 4.2 |
| 8/5/2009 | 21.3 | 20.9 | 20.5 | 20.2 | 19.9 | 19.6 | 19.3 | 19.1 | 18.9 | 19.0 | 19.4 | 19.8 | 20.3 | 21.0 | 21.7 | 22.2 | 22.6 | 22.7 | 22.6 | 22.2 | 21.8 | 21.5 | 21.2 | 20.9 | 20.8 | 18.9 | 22.7 | 3.8 |
| 8/6/2009 | 20.6 | 20.2 | 19.9 | 19.6 | 19.4 | 19.1 | 18.9 | 18.6 | 18.4 | 18.3 | 18.2 | 18.3 | 18.6 | 18.9 | 19.4 | 19.7 | 20.0 | 20.0 | 19.7 | 19.5 | 19.2 | 18.9 | 18.7 | 18.5 | 19.2 | 18.2 | 20.6 | 2.3 |
| 8/7/2009 | 18.2 | 17.9 | 17.6 | 17.3 | 17.0 | 16.7 | 16.4 | 16.1 | 16.0 | 16.3 | 16.6 | 17.0 | 17.7 | 18.4 | 19.1 | 19.4 | 19.9 | 20.0 | 19.9 | 19.7 | 19.5 | 19.4 | 19.2 | 19.0 | 18.1 | 16.0 | 20.0 | 4.0 |
| 8/8/2009 | 18.6 | 18.2 | 17.8 | 17.4 | 17.2 | 17.0 | 16.7 | 16.5 | 16.4 | 16.7 | 17.1 | 17.7 | 18.4 | 19.2 | 20.0 | 20.6 | 20.9 | 21.1 | 21.0 | 20.7 | 20.5 | 20.3 | 20.1 | 19.9 | 18.8 | 16.4 | 21.1 | 4.7 |
| 8/9/2009 | 19.6 | 19.2 | 18.9 | 18.6 | 18.3 | 18.1 | 17.9 | 17.6 | 17.5 | 17.7 | 18.1 | 18.7 | 19.4 | 20.2 | 20.9 | 21.5 | 21.9 | 22.1 | 22.1 | 21.9 | 21.6 | 21.4 | 21.2 | 21.0 | 19.8 | 17.5 | 22.1 | 4.6 |
| 8/10/2009 | 20.7 | 20.3 | 20.0 | 19.6 | 19.4 | 19.1 | 18.9 | 18.8 | 18.7 | 18.9 | 19.4 | 20.0 | 20.7 | 21.5 | 22.1 | 22.7 | 23.0 | 23.1 | 23.0 | 22.7 | 22.4 | 22.2 | 22.0 | 21.8 | 20.9 | 18.7 | 23.1 | 4.4 |
| 8/11/2009 | 21.4 | 21.1 | 20.8 | 20.5 | 20.2 | 19.9 | 19.7 | 19.4 | 19.3 | 19.4 | 19.8 | 20.3 | 20.9 | 21.6 | 22.3 | 22.9 | 23.2 | 23.2 | 23.1 | 22.8 | 22.5 | 22.2 | 22.0 | 21.7 | 21.3 | 19.3 | 23.2 | 3.9 |
| 8/12/2009 | 21.3 | 20.9 | 20.5 | 20.1 | 19.8 | 19.5 | 19.3 | 19.0 | 18.8 | 18.9 | 19.3 | 19.8 | 20.4 | 21.1 | 21.8 | 22.4 | 22.8 | 22.8 | 22.8 | 22.4 | 22.1 | 21.8 | 21.6 | 21.3 | 20.9 | 18.8 | 22.8 | 4.0 |
| 8/13/2009 | 21.0 | 20.7 | 20.2 | 19.9 | 19.5 | 19.2 | 18.9 | 18.5 | 18.2 | 18.4 | 18.7 | 19.2 | 19.9 | 20.7 | 21.4 | 22.1 | 22.6 | 22.8 | 22.7 | 22.4 | 22.2 | 21.9 | 21.7 | 21.4 | 20.6 | 18.2 | 22.8 | 4.5 |
| 8/14/2009 | 21.0 | 20.6 | 20.3 | 20.0 | 19.7 | 19.4 | 19.0 | 18.6 | 18.3 | 18.5 | 18.8 | 19.3 | 19.9 | 20.6 | 21.3 | 21.9 | 22.2 | 22.4 | 22.3 | 21.9 | 21.5 | 21.2 | 21.0 | 20.7 | 20.4 | 18.3 | 22.4 | 4.1 |
| 8/15/2009 | 20.4 | 20.0 | 19.6 | 19.1 | 18.7 | 18.4 | 18.1 | 17.8 | 17.5 | 17.6 | 17.9 | 18.3 | 18.9 | 19.6 | 20.3 | 20.9 | 21.3 | 21.5 | 21.4 | 21.1 | 20.7 | 20.5 | 20.3 | 20.0 | 19.6 | 17.5 | 21.5 | 3.9 |
| 8/16/2009 | 19.7 | 19.3 | 18.9 | 18.6 | 18.3 | 18.0 | 17.8 | 17.5 | 17.3 | 17.3 | 17.7 | 18.1 | 18.8 | 19.6 | 20.3 | 20.9 | 21.3 | 21.5 | 21.5 | 21.2 | 20.8 | 20.6 | 20.4 | 20.2 | 19.4 | 17.3 | 21.5 | 4.2 |
| 8/17/2009 | 19.9 | 19.5 | 19.1 | 18.8 | 18.6 | 18.3 | 18.1 | 17.8 | 17.6 | 17.7 | 18.0 | 18.4 | 19.1 | 19.9 | 20.6 | 21.2 | 21.7 | 21.9 | 21.9 | 21.6 | 21.3 | 21.1 | 20.9 | 20.7 | 19.7 | 17.6 | 21.9 | 4.3 |
| 8/18/2009 | 20.5 | 20.1 | 19.8 | 19.4 | 19.2 | 18.9 | 18.6 | 18.3 | 18.0 | 18.1 | 18.4 | 18.9 | 19.6 | 20.4 | 21.2 | 21.9 | 22.3 | 22.6 | 22.6 | 22.3 | 22.0 | 21.8 | 21.6 | 21.4 | 20.3 | 18.0 | 22.6 | 4.5 |
| 8/19/2009 | 21.2 | 20.8 | 20.3 | 20.0 | 19.7 | 19.4 | 19.2 | 19.0 | 18.8 | 18.9 | 19.2 | 19.7 | 20.3 | 21.1 | 21.8 | 22.4 | 22.9 | 23.1 | 23.0 | 22.7 | 22.4 | 22.2 | 22.1 | 21.9 | 20.9 | 18.8 | 23.1 | 4.2 |
| 8/20/2009 | 21.7 | 21.4 | 21.1 | 20.7 | 20.4 | 20.2 | 20.0 | 19.7 | 19.5 | 19.6 | 19.9 | 20.3 | 20.9 | 21.7 | 22.4 | 23.0 | 23.4 | 23.6 | 23.5 | 23.2 | 22.9 | 22.7 | 22.5 | 22.4 | 21.5 | 19.5 | 23.6 | 4.1 |
| 8/21/2009 | 22.2 | 21.8 | 21.5 | 21.1 | 20.8 | 20.5 | 20.3 | 20.0 | 19.8 | 19.9 | 20.2 | 20.6 | 21.2 | 22.0 | 22.6 | 23.2 | 23.6 | 23.8 | 23.7 | 23.3 | 23.0 | 22.8 | 22.6 | 22.3 | 21.8 | 19.8 | 23.8 | 4.0 |
| 8/22/2009 | 22.0 | 21.5 | 21.1 | 20.7 | 20.4 | 20.1 | 19.9 | 19.6 | 19.5 | 19.6 | 19.8 | 20.3 | 20.9 | 21.3 | 21.4 | 21.7 | 22.0 | 21.9 | 21.9 | 21.7 | 21.6 | 21.6 | 21.5 | 21.4 | 21.0 | 19.5 | 22.0 | 2.5 |
| 8/23/2009 | 21.3 | 21.1 | 20.8 | 20.7 | 20.5 | 20.4 | 20.2 | 20.1 | 20.1 | 20.1 | 20.4 | 20.6 | 21.0 | 21.6 | 22.2 | 22.6 | 22.8 | 22.7 | 22.6 | 22.3 | 22.0 | 21.8 | 21.6 | 21.4 | 21.3 | 20.1 | 22.8 | 2.7 |
| 8/24/2009 | 21.1 | 20.8 | 20.4 | 20.1 | 19.8 | 19.5 | 19.2 | 18.9 | 18.7 | 18.9 | 19.3 | 19.6 | 20.2 | 20.8 | 21.4 | 21.9 | 22.2 | 22.2 | 22.0 | 21.7 | 21.4 | 21.2 | 21.0 | 20.9 | 20.5 | 18.7 | 22.2 | 3.5 |
| 8/25/2009 | 20.6 | 20.3 | 19.9 | 19.6 | 19.3 | 19.0 | 18.8 | 18.5 | 18.3 | 18.5 | 18.8 | 19.2 | 19.8 | 20.5 | 21.1 | 21.6 | 21.9 | 21.9 | 21.7 | 21.3 | 21.0 | 20.8 | 20.7 | 20.5 | 20.2 | 18.3 | 21.9 | 3.6 |
| 8/26/2009 | 20.2 | 19.7 | 19.3 | 18.9 | 18.7 | 18.5 | 18.2 | 18.0 | 17.8 | 17.9 | 18.2 | 18.6 | 19.2 | 19.8 | 20.5 | 21.1 | 21.4 | 21.4 | 21.2 | 21.0 | 20.8 | 20.6 | 20.4 | 20.2 | 19.7 | 17.8 | 21.4 | 3.6 |
| 8/27/2009 | 20.0 | 19.6 | 19.2 | 18.8 | 18.4 | 18.2 | 17.9 | 17.6 | 17.3 | 17.5 | 17.8 | 18.2 | 18.9 | 19.6 | 20.3 | 20.8 | 21.2 | 21.2 | 21.0 | 20.7 | 20.5 | 20.4 | 20.2 | 20.1 | 19.4 | 17.3 | 21.2 | 3.9 |
| 8/28/2009 | 19.8 | 19.4 | 19.1 | 18.8 | 18.5 | 18.3 | 18.0 | 17.8 | 17.6 | 17.6 | 17.7 | 17.9 | 18.5 | 19.2 | 19.8 | 19.9 | 20.1 | 20.4 | 20.3 | 20.1 | 20.0 | 19.8 | 19.6 | 19.4 | 19.1 | 17.6 | 20.4 | 2.8 |
| 8/29/2009 | 19.2 | 18.9 | 18.5 | 18.2 | 17.9 | 17.6 | 17.4 | 17.1 | 17.0 | 17.1 | 17.5 | 18.0 | 18.7 | 19.4 | 20.1 | 20.7 | 21.1 | 21.2 | 21.1 | 20.8 | 20.7 | 20.5 | 20.4 | 20.3 | 19.2 | 17.0 | 21.2 | 4.2 |
| 8/30/2009 | 20.1 | 19.8 | 19.5 | 19.2 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 18.3 | 18.7 | 19.2 | 19.7 | 20.3 | 20.9 | 21.4 | 21.7 | 21.7 | 21.5 | 21.2 | 21.0 | 20.8 | 20.7 | 20.6 | 20.0 | 18.1 | 21.7 | 3.6 |
| 8/31/2009 | 20.4 | 20.1 | 19.6 | 19.3 | 19.0 | 18.8 | 18.6 | 18.4 | 18.3 | 18.4 | 18.7 | 19.1 | 19.5 | 20.0 | 20.6 | 21.1 | 21.3 | 21.3 | 21.0 | 20.8 | 20.6 | 20.4 | 20.3 | 20.2 | 19.8 | 18.3 | 21.3 | 3.0 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 18.1 | Minimum | 16.0 |
| Mean Daily Mean | 20.3 | Mean Minimum | 18.4 |
| Maximum Daily Mean | 22.2 | | |
| | | Maximum | 23.8 |
| Minumum Range | 2.3 | Mean Maximum | 22.2 |
| Maximum Range | 4.7 | | |
| | | Mean Range | 3.8 |
| # of Days <= 20 (ºC) | 16 | | |
| # of Days > 20 (ºC) | 14 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 20.0 | 19.7 | 19.4 | 19.2 | 19.0 | 18.7 | 18.5 | 18.3 | 18.1 | 18.3 | 18.5 | 18.9 | 19.5 | 20.1 | 20.8 | 21.3 | 21.6 | 21.6 | 21.4 | 21.2 | 21.1 | 21.0 | 20.9 | 20.7 | 19.9 | 18.1 | 21.6 | 3.5 |
| 9/2/2009 | 20.3 | 19.8 | 19.5 | 19.2 | 18.9 | 18.6 | 18.3 | 18.0 | 17.8 | 17.9 | 18.2 | 18.6 | 19.1 | 19.6 | 19.8 | 20.2 | 20.3 | 20.3 | 20.3 | 20.1 | 20.0 | 19.9 | 19.8 | 19.6 | 19.3 | 17.8 | 20.3 | 2.5 |
| 9/3/2009 | 19.4 | 19.2 | 18.9 | 18.6 | 18.3 | 18.1 | 17.9 | 17.8 | 17.7 | 17.9 | 18.2 | 18.7 | 19.2 | 19.9 | 20.5 | 21.0 | 21.4 | 21.3 | 21.1 | 20.8 | 20.6 | 20.4 | 20.2 | 20.2 | 19.5 | 17.7 | 21.4 | 3.7 |
| 9/4/2009 | 20.0 | 19.7 | 19.4 | 19.0 | 18.7 | 18.4 | 18.2 | 17.9 | 17.8 | 17.8 | 18.2 | 18.6 | 19.1 | 19.7 | 20.3 | 20.7 | 21.0 | 21.0 | 20.7 | 20.4 | 20.1 | 19.8 | 19.7 | 19.6 | 19.4 | 17.8 | 21.0 | 3.2 |
| 9/5/2009 | 19.4 | 19.1 | 18.8 | 18.5 | 18.1 | 17.8 | 17.6 | 17.3 | 17.1 | 17.2 | 17.5 | 17.7 | 18.1 | 18.6 | 19.2 | 19.6 | 19.8 | 19.8 | 19.5 | 19.3 | 19.0 | 18.9 | 18.8 | 18.8 | 18.6 | 17.1 | 19.8 | 2.7 |
| 9/6/2009 | 18.7 | 18.5 | 18.2 | 17.9 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 16.9 | 17.1 | 17.4 | 17.8 | 18.4 | 21.8 | 19.4 | 19.6 | 19.5 | 19.2 | 18.9 | 18.7 | 18.5 | 18.4 | 18.3 | 18.3 | 16.8 | 21.8 | 5.0 |
| 9/7/2009 | 18.2 | 17.9 | 17.5 | 17.2 | 17.0 | 16.7 | 16.5 | 16.3 | 16.1 | 16.2 | 16.4 | 16.7 | 17.2 | 17.7 | 18.4 | 18.8 | 19.1 | 19.0 | 18.7 | 18.4 | 18.2 | 18.0 | 17.9 | 17.8 | 17.6 | 16.1 | 19.1 | 3.0 |
| 9/8/2009 | 17.7 | 17.4 | 17.0 | 16.7 | 16.5 | 16.3 | 16.0 | 15.8 | 15.6 | 15.7 | 16.0 | 16.3 | 16.8 | 17.4 | 18.1 | 18.6 | 18.9 | 18.8 | 18.6 | 18.4 | 18.2 | 18.1 | 18.0 | 18.0 | 17.3 | 15.6 | 18.9 | 3.3 |
| 9/9/2009 | 17.9 | 17.6 | 17.3 | 17.0 | 16.8 | 16.5 | 16.3 | 16.1 | 16.0 | 16.1 | 16.4 | 16.8 | 17.3 | 17.9 | 18.5 | 19.0 | 19.3 | 19.3 | 19.0 | 18.8 | 18.6 | 18.4 | 18.4 | 18.3 | 17.7 | 16.0 | 19.3 | 3.3 |
| 9/10/2009 | 18.2 | 18.0 | 17.7 | 17.4 | 17.1 | 16.9 | 16.7 | 16.5 | 16.4 | 16.5 | 16.7 | 17.1 | 17.7 | 18.2 | 18.9 | 19.4 | 19.7 | 19.7 | 19.4 | 19.2 | 19.1 | 18.9 | 18.9 | 18.9 | 18.1 | 16.4 | 19.7 | 3.3 |
| 9/11/2009 | 18.8 | 18.5 | 18.2 | 18.0 | 17.7 | 17.5 | 17.3 | 17.1 | 17.0 | 17.1 | 17.4 | 17.7 | 18.2 | 18.8 | 19.4 | 19.7 | 20.0 | 19.8 | 19.7 | 19.6 | 19.4 | 19.4 | 19.4 | 19.4 | 18.6 | 17.0 | 20.0 | 3.0 |
| 9/12/2009 | 19.3 | 19.1 | 18.8 | 18.6 | 18.4 | 18.2 | 18.0 | 17.8 | 17.7 | 17.8 | 18.1 | 18.2 | 18.1 | 18.1 | 18.3 | 18.5 | 18.7 | 18.7 | 18.6 | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 18.4 | 17.7 | 19.3 | 1.6 |
| 9/13/2009 | 18.1 | 17.9 | 17.7 | 17.5 | 17.3 | 17.1 | 17.0 | 16.8 | 16.6 | 16.6 | 16.9 | 17.2 | 17.6 | 17.8 | 18.2 | 18.5 | 18.7 | 18.6 | 18.4 | 18.1 | 17.9 | 17.7 | 17.6 | 17.5 | 17.6 | 16.6 | 18.7 | 2.1 |
| 9/14/2009 | 17.4 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.3 | 16.2 | 16.1 | 16.0 | 16.1 | 16.2 | 16.3 | 16.6 | 16.7 | 17.1 | 17.2 | 17.2 | 17.0 | 17.0 | 16.9 | 16.7 | 16.6 | 16.5 | 16.7 | 16.0 | 17.4 | 1.4 |
| 9/15/2009 | 16.4 | 16.2 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.9 | 15.2 | 15.6 | 16.0 | 16.6 | 17.1 | 17.6 | 17.9 | 17.8 | 17.6 | 17.4 | 17.3 | 17.2 | 17.3 | 17.3 | 16.4 | 14.8 | 17.9 | 3.1 |
| 9/16/2009 | 17.2 | 17.0 | 16.7 | 16.5 | 16.4 | 16.2 | 16.0 | 15.8 | 15.5 | 15.6 | 15.8 | 16.1 | 16.5 | 17.1 | 17.6 | 18.1 | 18.4 | 18.3 | 18.0 | 17.9 | 17.8 | 17.7 | 17.7 | 17.7 | 17.0 | 15.5 | 18.4 | 2.8 |
| 9/17/2009 | 17.7 | 17.5 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.2 | 16.0 | 16.1 | 16.3 | 16.5 | 16.9 | 17.4 | 17.9 | 18.4 | 18.7 | 18.6 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 | 18.1 | 17.4 | 16.0 | 18.7 | 2.6 |
| 9/18/2009 | 18.0 | 17.9 | 17.6 | 17.4 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.5 | 16.7 | 17.0 | 17.4 | 17.9 | 18.5 | 18.9 | 19.1 | 19.1 | 18.8 | 18.8 | 18.7 | 18.6 | 18.6 | 18.6 | 17.8 | 16.4 | 19.1 | 2.7 |
| 9/19/2009 | 18.5 | 18.4 | 18.0 | 17.7 | 17.5 | 17.4 | 17.1 | 16.9 | 16.8 | 16.7 | 16.9 | 17.2 | 17.6 | 18.0 | 18.5 | 18.9 | 19.1 | 19.1 | 18.9 | 18.8 | 18.7 | 18.5 | 18.4 | 18.4 | 18.0 | 16.7 | 19.1 | 2.4 |
| 9/20/2009 | 18.3 | 18.0 | 17.6 | 17.3 | 17.0 | 16.8 | 16.5 | 16.3 | 16.1 | 16.1 | 16.3 | 16.5 | 16.9 | 17.4 | 17.9 | 18.3 | 18.5 | 18.4 | 18.2 | 18.1 | 18.0 | 17.8 | 17.8 | 17.8 | 17.4 | 16.1 | 18.5 | 2.4 |
| 9/21/2009 | 17.8 | 17.6 | 17.3 | 17.0 | 16.8 | 16.6 | 16.4 | 16.2 | 16.0 | 16.0 | 16.2 | 16.5 | 16.9 | 17.4 | 17.9 | 18.3 | 18.5 | 18.4 | 18.2 | 18.0 | 17.9 | 17.8 | 17.8 | 17.8 | 17.3 | 16.0 | 18.5 | 2.5 |
| 9/22/2009 | 17.8 | 17.6 | 17.4 | 17.1 | 16.8 | 16.5 | 16.3 | 16.1 | 15.9 | 15.9 | 16.0 | 16.3 | 16.6 | 17.0 | 17.5 | 17.9 | 18.0 | 17.9 | 17.7 | 17.6 | 17.4 | 17.3 | 17.2 | 17.2 | 17.0 | 15.9 | 18.0 | 2.1 |
| 9/23/2009 | 17.2 | 17.0 | 16.7 | 16.4 | 16.1 | 15.9 | 15.7 | 15.4 | 15.1 | 15.1 | 15.3 | 15.6 | 15.9 | 16.3 | 16.8 | 17.2 | 17.4 | 17.3 | 17.1 | 17.1 | 17.0 | 16.9 | 16.8 | 16.9 | 16.4 | 15.1 | 17.4 | 2.2 |
| 9/24/2009 | 16.8 | 16.7 | 16.4 | 16.1 | 15.9 | 15.6 | 15.4 | 15.2 | 15.0 | 15.0 | 15.2 | 15.4 | 15.8 | 16.2 | 16.7 | 17.1 | 17.2 | 17.2 | 17.0 | 16.9 | 16.9 | 16.7 | 16.7 | 16.8 | 16.2 | 15.0 | 17.2 | 2.2 |
| 9/25/2009 | 16.8 | 16.6 | 16.4 | 16.1 | 15.9 | 15.7 | 15.4 | 15.3 | 15.0 | 15.1 | 15.3 | 15.5 | 15.9 | 16.3 | 16.8 | 17.1 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.8 | 16.9 | 16.3 | 15.0 | 17.3 | 2.2 |
| 9/26/2009 | 16.8 | 16.7 | 16.5 | 16.2 | 15.9 | 15.6 | 15.4 | 15.1 | 14.8 | 14.8 | 15.0 | 15.3 | 15.6 | 16.0 | 16.5 | 16.8 | 17.0 | 17.0 | 16.9 | 16.9 | 16.8 | 16.7 | 16.7 | 16.7 | 16.2 | 14.8 | 17.0 | 2.2 |
| 9/27/2009 | 16.7 | 16.6 | 16.4 | 16.1 | 15.9 | 15.6 | 15.4 | 15.2 | 15.0 | 15.0 | 15.1 | 15.4 | 15.7 | 16.1 | 16.5 | 16.8 | 16.9 | 16.9 | 16.8 | 16.8 | 16.7 | 16.6 | 16.6 | 16.6 | 16.1 | 15.0 | 16.9 | 1.9 |
| 9/28/2009 | 16.6 | 16.5 | 16.3 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 15.0 | 15.2 | 15.4 | 15.7 | 15.9 | 16.1 | 16.4 | 16.4 | 16.4 | 16.3 | 16.2 | 16.2 | 16.1 | 16.1 | 16.0 | 15.9 | 15.0 | 16.6 | 1.6 |
| 9/29/2009 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.5 | 14.5 | 14.4 | 14.5 | 14.8 | 14.9 | 15.0 | 14.8 | 14.7 | 14.5 | 14.3 | 14.0 | 13.9 | 13.8 | 14.7 | 13.8 | 16.0 | 2.2 |
| 9/30/2009 | 13.6 | 13.3 | 13.0 | 12.7 | 12.5 | 12.2 | 11.9 | 11.7 | 11.4 | 11.4 | 11.6 | 11.8 | 12.1 | 12.5 | 12.8 | 13.0 | 13.0 | 12.8 | 12.7 | 12.6 | 12.4 | 12.3 | 12.3 | 12.3 | 12.4 | 11.4 | 13.6 | 2.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.4 | Minimum | 11.4 |
| Mean Daily Mean | 17.3 | Mean Minimum | 16.0 |
| Maximum Daily Mean | 19.9 | | |
| | | Maximum | 21.8 |
| Minumum Range | 1.4 | Mean Maximum | 18.6 |
| Maximum Range | 5.0 | | |
| | | Mean Range | 2.6 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 6.0 | 5.9 | 5.8 | 5.8 | 5.8 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.7 | 5.8 | 6.0 | 6.3 | 6.3 | 6.3 | 6.4 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.1 | 5.6 | 6.6 | 1.0 |
| 4/2/2009 | 6.4 | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 | 5.8 | 5.8 | 5.8 | 5.9 | 6.1 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 | 6.2 | 5.8 | 6.4 | 0.6 |
| 4/3/2009 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.5 | 5.5 | 5.6 | 5.8 | 5.9 | 6.0 | 5.9 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.8 | 5.8 | 5.9 | 5.5 | 6.2 | 0.7 |
| 4/4/2009 | 5.7 | 5.6 | 5.5 | 5.4 | 5.4 | 5.3 | 5.2 | 5.2 | 5.1 | 5.1 | 5.2 | 5.4 | 5.6 | 5.9 | 6.0 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 5.7 | 5.1 | 6.3 | 1.2 |
| 4/5/2009 | 6.1 | 6.1 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.9 | 6.1 | 6.3 | 6.6 | 6.6 | 6.6 | 6.6 | 6.7 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 5.8 | 6.7 | 0.9 |
| 4/6/2009 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 5.9 | 6.0 | 6.1 | 6.4 | 6.7 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.7 | 6.6 | 6.4 | 5.9 | 6.8 | 0.9 |
| 4/7/2009 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6.2 | 6.2 | 6.3 | 6.4 | 6.7 | 6.7 | 6.5 | 6.5 | 6.4 | 6.3 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 | 6.3 | 6.1 | 6.7 | 0.6 |
| 4/8/2009 | 6.1 | 5.9 | 5.8 | 5.8 | 5.7 | 5.5 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.5 | 5.3 | 6.1 | 0.8 |
| 4/9/2009 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 5.3 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.6 | 5.5 | 5.3 | 5.7 | 0.4 |
| 4/10/2009 | 5.6 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.6 | 5.7 | 5.7 | 5.7 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.8 | 5.7 | 5.5 | 5.9 | 0.4 |
| 4/11/2009 | 5.8 | 5.7 | 5.7 | 5.6 | 5.6 | 5.6 | 5.6 | 5.5 | 5.5 | 5.5 | 5.7 | 5.8 | 6.0 | 6.2 | 6.3 | 6.4 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.0 | 5.5 | 6.5 | 1.0 |
| 4/12/2009 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 6.0 | 6.2 | 6.5 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.8 | 6.5 | 5.9 | 7.0 | 1.1 |
| 4/13/2009 | 6.7 | 6.6 | 6.5 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.3 | 6.4 | 6.7 | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.8 | 6.8 | 6.6 | 6.2 | 7.0 | 0.8 |
| 4/14/2009 | 6.7 | 6.6 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.0 | 6.0 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 6.2 | 5.8 | 6.7 | 0.9 |
| 4/15/2009 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.1 | 5.0 | 5.0 | 5.2 | 5.4 | 5.6 | 5.7 | 5.8 | 5.8 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 | 5.8 | 5.6 | 5.0 | 6.0 | 1.0 |
| 4/16/2009 | 5.7 | 5.6 | 5.6 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.5 | 5.7 | 6.0 | 6.4 | 6.4 | 6.4 | 6.5 | 6.7 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.7 | 6.0 | 5.4 | 6.8 | 1.4 |
| 4/17/2009 | 6.6 | 6.5 | 6.3 | 6.2 | 6.2 | 6.1 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 | 6.3 | 6.6 | 6.9 | 6.9 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 6.6 | 6.0 | 7.1 | 1.1 |
| 4/18/2009 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.5 | 6.8 | 7.1 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 | 7.0 | 6.3 | 7.5 | 1.2 |
| 4/19/2009 | 7.2 | 7.1 | 7.0 | 6.9 | 6.7 | 6.6 | 6.5 | 6.4 | 6.4 | 6.4 | 6.5 | 6.7 | 7.1 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 7.0 | 6.4 | 7.4 | 1.0 |
| 4/20/2009 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.8 | 7.1 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 | 7.1 | 6.5 | 7.5 | 1.0 |
| 4/21/2009 | 7.3 | 7.2 | 7.1 | 7.0 | 6.8 | 6.7 | 6.6 | 6.6 | 6.6 | 6.6 | 6.7 | 6.9 | 7.2 | 7.4 | 7.4 | 7.4 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.1 | 6.6 | 7.4 | 0.8 |
| 4/22/2009 | 7.0 | 6.9 | 6.8 | 6.6 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 6.0 | 6.0 | 6.2 | 6.5 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.6 | 6.0 | 7.0 | 1.0 |
| 4/23/2009 | 6.9 | 6.8 | 6.7 | 6.6 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 6.0 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.0 | 6.9 | 0.9 |
| 4/24/2009 | 6.6 | 6.5 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 | 5.8 | 5.9 | 6.2 | 6.1 | 5.9 | 5.9 | 5.8 | 5.7 | 5.6 | 5.6 | 5.5 | 5.5 | 5.4 | 6.0 | 5.4 | 6.6 | 1.2 |
| 4/25/2009 | 5.3 | 5.2 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.2 | 5.3 | 5.5 | 5.8 | 6.1 | 6.0 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 5.6 | 5.1 | 6.2 | 1.1 |
| 4/26/2009 | 6.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.8 | 6.0 | 6.2 | 6.5 | 6.8 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 | 6.5 | 6.3 | 5.7 | 6.8 | 1.1 |
| 4/27/2009 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.3 | 6.5 | 6.8 | 7.0 | 6.9 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 6.1 | 7.0 | 0.9 |
| 4/28/2009 | 6.5 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.5 | 6.8 | 6.7 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 | 6.5 | 6.4 | 6.1 | 6.8 | 0.7 |
| 4/29/2009 | 6.4 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.0 | 6.0 | 6.1 | 6.2 | 6.4 | 6.7 | 6.9 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.8 | 6.7 | 6.7 | 6.6 | 6.5 | 6.0 | 6.9 | 0.9 |
| 4/30/2009 | 6.5 | 6.4 | 6.4 | 6.3 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.2 | 6.4 | 6.4 | 6.7 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.5 | 6.1 | 6.8 | 0.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 5.5 | Minimum | 5.0 |
| Mean Daily Mean | 6.3 | Mean Minimum | 5.8 |
| Maximum Daily Mean | 7.1 | | |
| | | Maximum | 7.5 |
| Minumum Range | 0.4 | Mean Maximum | 6.7 |
| Maximum Range | 1.4 | | |
| | | Mean Range | 0.9 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 6.7 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.4 | 6.1 | 6.7 | 0.6 |
| 5/2/2009 | 6.1 | 6.1 | 6.0 | 5.8 | 5.7 | 5.6 | 5.5 | 5.6 | 5.6 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.1 | 5.5 | 6.6 | 1.1 |
| 5/3/2009 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.7 | 6.6 | 6.9 | 0.3 |
| 5/4/2009 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 7.0 | 7.2 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.1 | 6.8 | 7.4 | 0.6 |
| 5/5/2009 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.2 | 7.3 | 7.5 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.6 | 7.5 | 7.3 | 7.0 | 7.7 | 0.7 |
| 5/6/2009 | 7.4 | 7.3 | 7.2 | 7.2 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 7.1 | 7.4 | 7.8 | 8.0 | 8.1 | 7.9 | 7.9 | 7.9 | 8.0 | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 6.9 | 8.1 | 1.2 |
| 5/7/2009 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 6.8 | 6.9 | 7.1 | 7.4 | 7.9 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 7.7 | 7.6 | 7.5 | 7.5 | 6.8 | 8.3 | 1.4 |
| 5/8/2009 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 7.1 | 7.5 | 8.0 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.6 | 7.5 | 7.5 | 6.9 | 8.3 | 1.4 |
| 5/9/2009 | 7.4 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 7.0 | 7.1 | 7.5 | 8.0 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.5 | 6.9 | 8.3 | 1.4 |
| 5/10/2009 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 6.9 | 7.0 | 7.2 | 7.6 | 8.0 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 6.9 | 8.3 | 1.4 |
| 5/11/2009 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 6.9 | 6.9 | 7.0 | 7.2 | 7.6 | 7.9 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 6.9 | 8.3 | 1.4 |
| 5/12/2009 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 7.0 | 7.2 | 7.5 | 8.0 | 8.3 | 8.1 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.6 | 7.5 | 7.3 | 7.5 | 6.9 | 8.3 | 1.4 |
| 5/13/2009 | 7.2 | 7.1 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 7.1 | 7.4 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.4 | 6.8 | 7.9 | 1.1 |
| 5/14/2009 | 7.3 | 7.2 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 7.0 | 7.2 | 7.6 | 8.0 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 7.9 | 7.7 | 7.6 | 7.6 | 6.9 | 8.4 | 1.5 |
| 5/15/2009 | 7.4 | 7.4 | 7.4 | 7.4 | 8.0 | 7.4 | 7.2 | 7.1 | 7.0 | 7.0 | 7.1 | 7.4 | 7.9 | 8.2 | 8.1 | 8.0 | 7.9 | 7.9 | 8.0 | 8.0 | 8.1 | 8.1 | 8.2 | 8.3 | 7.7 | 7.0 | 8.3 | 1.3 |
| 5/16/2009 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.4 | 7.5 | 7.8 | 8.2 | 8.6 | 8.4 | 8.2 | 8.1 | 8.1 | 8.2 | 8.2 | 8.2 | 8.3 | 8.3 | 8.4 | 8.0 | 7.4 | 8.6 | 1.2 |
| 5/17/2009 | 8.4 | 8.4 | 8.3 | 8.1 | 8.0 | 7.9 | 7.7 | 7.6 | 7.5 | 7.5 | 7.6 | 7.9 | 8.3 | 8.6 | 8.5 | 8.3 | 8.2 | 8.2 | 8.2 | 8.3 | 8.3 | 8.3 | 8.4 | 8.4 | 8.1 | 7.5 | 8.6 | 1.1 |
| 5/18/2009 | 8.4 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.1 | 8.2 | 8.5 | 8.9 | 9.1 | 8.9 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.3 | 8.0 | 9.1 | 1.1 |
| 5/19/2009 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.0 | 8.2 | 8.5 | 8.9 | 9.0 | 8.8 | 8.5 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 8.1 | 7.9 | 9.0 | 1.1 |
| 5/20/2009 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 8.0 | 8.2 | 8.5 | 8.8 | 9.0 | 8.7 | 8.5 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 8.1 | 7.8 | 9.0 | 1.2 |
| 5/21/2009 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 8.0 | 8.2 | 8.5 | 8.9 | 9.0 | 8.8 | 8.5 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 8.1 | 7.8 | 9.0 | 1.2 |
| 5/22/2009 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.2 | 8.6 | 8.9 | 9.1 | 8.8 | 8.6 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.2 | 7.9 | 9.1 | 1.2 |
| 5/23/2009 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.0 | 8.2 | 8.6 | 8.9 | 9.1 | 8.8 | 8.6 | 8.3 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.2 | 7.9 | 9.1 | 1.2 |
| 5/24/2009 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.0 | 8.2 | 8.6 | 8.9 | 9.1 | 8.9 | 8.6 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.2 | 7.9 | 9.1 | 1.2 |
| 5/25/2009 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.0 | 8.2 | 8.6 | 9.0 | 9.2 | 8.9 | 8.6 | 8.4 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.2 | 7.9 | 9.2 | 1.3 |
| 5/26/2009 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.1 | 8.4 | 8.7 | 9.1 | 6.2 | 9.1 | 8.8 | 8.6 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 6.2 | 9.1 | 2.9 |
| 5/27/2009 | 8.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.3 | 8.5 | 8.8 | 9.2 | 9.4 | 9.2 | 9.0 | 8.8 | 8.7 | 8.6 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.5 | 8.2 | 9.4 | 1.2 |
| 5/28/2009 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.3 | 8.3 | 8.3 | 8.4 | 8.6 | 8.9 | 9.4 | 9.6 | 9.4 | 8.8 | 8.6 | 8.6 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.4 | 8.6 | 8.2 | 9.6 | 1.3 |
| 5/29/2009 | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.5 | 8.6 | 9.0 | 9.4 | 9.5 | 8.9 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 | 8.5 | 8.5 | 8.6 | 8.3 | 9.5 | 1.2 |
| 5/30/2009 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.6 | 8.8 | 9.2 | 9.6 | 9.6 | 8.8 | 8.8 | 8.8 | 8.8 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.5 | 9.6 | 1.1 |
| 5/31/2009 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.8 | 9.0 | 9.3 | 9.7 | 9.8 | 9.6 | 9.4 | 9.2 | 9.1 | 9.0 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 9.0 | 8.7 | 9.8 | 1.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.1 | Minimum | 5.5 |
| Mean Daily Mean | 7.8 | Mean Minimum | 7.3 |
| Maximum Daily Mean | 9.0 | | |
| | | Maximum | 9.8 |
| Minumum Range | 0.3 | Mean Maximum | 8.5 |
| Maximum Range | 2.9 | | |
| | | Mean Range | 1.2 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 8.9 | 8.9 | 8.9 | 8.9 | 8.8 | 8.8 | 8.8 | 8.9 | 8.9 | 9.0 | 9.2 | 9.5 | 9.7 | 9.7 | 9.7 | 9.6 | 9.4 | 9.4 | 9.2 | 9.2 | 9.2 | 9.1 | 9.1 | 9.1 | 9.2 | 8.8 | 9.7 | 0.9 |
| 6/2/2009 | 9.1 | 9.0 | 9.0 | 9.1 | 9.0 | 9.0 | 9.1 | 9.1 | 9.2 | 9.3 | 9.5 | 9.6 | 9.4 | 10.0 | 9.9 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.0 | 10.0 | 1.0 |
| 6/3/2009 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.4 | 9.4 | 9.4 | 9.5 | 9.6 | 9.7 | 9.9 | 10.1 | 10.2 | 10.0 | 9.8 | 9.8 | 9.8 | 9.8 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.6 | 9.3 | 10.2 | 0.9 |
| 6/4/2009 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.8 | 9.8 | 9.9 | 10.1 | 10.3 | 10.6 | 11.0 | 10.9 | 10.6 | 10.3 | 10.2 | 10.2 | 10.1 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 9.7 | 11.0 | 1.3 |
| 6/5/2009 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.1 | 10.1 | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 | 10.4 | 10.5 | 10.5 | 10.5 | 10.6 | 10.5 | 10.5 | 10.4 | 10.4 | 10.4 | 10.4 | 10.3 | 10.0 | 10.6 | 0.6 |
| 6/6/2009 | 10.4 | 10.4 | 10.4 | 10.4 | 10.5 | 10.5 | 10.6 | 10.6 | 10.7 | 10.9 | 11.0 | 11.1 | 11.2 | 11.0 | 11.1 | 11.1 | 11.0 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.0 | 10.8 | 10.4 | 11.2 | 0.8 |
| 6/7/2009 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 11.0 | 11.1 | 11.3 | 11.5 | 11.9 | 12.1 | 12.3 | 12.2 | 11.9 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 | 11.5 | 11.4 | 10.9 | 12.3 | 1.4 |
| 6/8/2009 | 11.5 | 11.4 | 11.4 | 11.4 | 11.5 | 11.4 | 11.4 | 11.5 | 11.6 | 11.7 | 11.9 | 12.4 | 12.9 | 13.1 | 12.9 | 12.5 | 12.3 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 12.0 | 11.4 | 13.1 | 1.7 |
| 6/9/2009 | 11.9 | 11.9 | 11.8 | 11.9 | 11.9 | 11.9 | 11.8 | 11.9 | 12.0 | 12.2 | 12.4 | 12.7 | 13.1 | 13.4 | 13.1 | 12.8 | 12.6 | 12.5 | 12.4 | 12.4 | 12.4 | 12.3 | 12.3 | 12.3 | 12.3 | 11.8 | 13.4 | 1.6 |
| 6/10/2009 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.4 | 12.5 | 12.7 | 13.0 | 13.5 | 13.8 | 13.6 | 13.3 | 13.0 | 12.9 | 12.8 | 12.8 | 12.8 | 12.7 | 12.7 | 12.7 | 12.7 | 12.3 | 13.8 | 1.5 |
| 6/11/2009 | 12.7 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.5 | 12.6 | 12.7 | 12.8 | 13.1 | 13.4 | 13.8 | 13.8 | 13.7 | 13.6 | 13.3 | 13.2 | 13.1 | 13.1 | 13.1 | 13.0 | 12.9 | 12.9 | 13.0 | 12.5 | 13.8 | 1.3 |
| 6/12/2009 | 12.9 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.9 | 13.0 | 13.2 | 13.5 | 14.0 | 13.9 | 13.9 | 13.6 | 13.4 | 13.3 | 13.3 | 13.3 | 13.2 | 13.1 | 13.1 | 13.0 | 13.2 | 12.8 | 14.0 | 1.2 |
| 6/13/2009 | 13.1 | 13.1 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.1 | 13.1 | 13.2 | 13.3 | 13.5 | 14.0 | 14.3 | 13.9 | 13.7 | 13.4 | 13.4 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.0 | 13.3 | 13.0 | 14.3 | 1.3 |
| 6/14/2009 | 13.0 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.8 | 12.9 | 13.0 | 13.1 | 13.4 | 13.7 | 14.1 | 14.4 | 14.0 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.3 | 13.2 | 13.1 | 13.1 | 13.3 | 12.8 | 14.4 | 1.6 |
| 6/15/2009 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 13.0 | 13.1 | 13.2 | 13.5 | 13.8 | 14.1 | 14.2 | 13.9 | 13.8 | 13.6 | 13.5 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.3 | 13.4 | 12.9 | 14.2 | 1.3 |
| 6/16/2009 | 13.3 | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13.1 | 13.1 | 13.2 | 13.3 | 13.6 | 13.9 | 14.4 | 14.7 | 14.4 | 14.0 | 13.8 | 13.7 | 13.6 | 13.6 | 13.5 | 13.5 | 13.4 | 13.4 | 13.6 | 13.1 | 14.7 | 1.6 |
| 6/17/2009 | 13.4 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.4 | 13.5 | 13.7 | 14.1 | 14.6 | 14.8 | 14.5 | 14.1 | 13.8 | 13.7 | 13.7 | 13.6 | 13.6 | 13.5 | 13.4 | 13.4 | 13.7 | 13.3 | 14.8 | 1.5 |
| 6/18/2009 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.4 | 13.4 | 13.6 | 13.8 | 14.2 | 14.8 | 15.0 | 14.8 | 14.4 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 | 13.6 | 13.8 | 13.3 | 15.0 | 1.7 |
| 6/19/2009 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.4 | 13.4 | 13.4 | 13.5 | 13.7 | 13.9 | 14.3 | 14.8 | 15.1 | 14.8 | 14.3 | 14.1 | 14.0 | 13.9 | 13.9 | 13.8 | 13.7 | 13.7 | 13.6 | 13.9 | 13.4 | 15.1 | 1.7 |
| 6/20/2009 | 13.6 | 13.5 | 13.5 | 13.5 | 13.4 | 13.4 | 13.4 | 13.4 | 13.5 | 13.7 | 13.9 | 14.3 | 14.8 | 14.7 | 14.3 | 14.2 | 14.1 | 14.0 | 13.9 | 13.9 | 13.8 | 13.8 | 13.7 | 13.7 | 13.8 | 13.4 | 14.8 | 1.4 |
| 6/21/2009 | 13.6 | 13.6 | 13.5 | 13.5 | 13.5 | 13.4 | 13.4 | 13.4 | 13.5 | 13.6 | 13.8 | 14.2 | 14.7 | 15.0 | 14.7 | 14.4 | 14.1 | 14.0 | 13.9 | 13.9 | 13.8 | 13.8 | 13.7 | 13.8 | 13.9 | 13.4 | 15.0 | 1.6 |
| 6/22/2009 | 13.8 | 13.8 | 13.5 | 13.0 | 12.6 | 12.3 | 11.9 | 11.5 | 11.3 | 11.2 | 11.2 | 11.4 | 11.9 | 12.1 | 11.9 | 11.5 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.6 | 10.4 | 10.3 | 11.7 | 10.3 | 13.8 | 3.6 |
| 6/23/2009 | 10.2 | 10.0 | 9.9 | 9.8 | 9.6 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.5 | 9.9 | 10.4 | 10.9 | 10.8 | 10.6 | 10.4 | 10.4 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 10.0 | 9.3 | 10.9 | 1.6 |
| 6/24/2009 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.3 | 9.2 | 9.2 | 9.2 | 9.4 | 9.9 | 10.5 | 10.9 | 10.8 | 10.5 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.0 | 9.8 | 9.9 | 9.2 | 10.9 | 1.7 |
| 6/25/2009 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.4 | 9.9 | 10.5 | 10.9 | 10.7 | 10.5 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.7 | 9.9 | 9.2 | 10.9 | 1.7 |
| 6/26/2009 | 9.6 | 9.4 | 9.4 | 9.3 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.1 | 9.3 | 9.7 | 10.4 | 10.8 | 10.7 | 10.5 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.0 | 9.9 | 9.7 | 9.8 | 9.0 | 10.8 | 1.8 |
| 6/27/2009 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.4 | 9.9 | 10.5 | 11.0 | 10.9 | 10.7 | 10.5 | 10.5 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.2 | 11.0 | 1.8 |
| 6/28/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.4 | 9.4 | 9.3 | 9.4 | 9.5 | 10.0 | 10.6 | 11.1 | 11.0 | 10.8 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.2 | 10.0 | 10.0 | 9.3 | 11.1 | 1.8 |
| 6/29/2009 | 9.9 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.4 | 9.6 | 10.0 | 10.6 | 11.1 | 11.0 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 9.9 | 10.0 | 9.3 | 11.1 | 1.8 |
| 6/30/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.4 | 9.4 | 9.4 | 9.4 | 9.6 | 9.7 | 9.7 | 9.8 | 9.8 | 10.0 | 10.0 | 10.0 | 9.9 | 9.9 | 9.9 | 9.8 | 9.7 | 9.6 | 9.7 | 9.3 | 10.0 | 0.7 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.2 | Minimum | 8.8 |
| Mean Daily Mean | 11.6 | Mean Minimum | 11.1 |
| Maximum Daily Mean | 13.9 | | |
| | | Maximum | 15.1 |
| Minumum Range | 0.6 | Mean Maximum | 12.5 |
| Maximum Range | 3.6 | | |
| | | Mean Range | 1.5 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.2 | 9.3 | 9.3 | 9.3 | 9.4 | 9.5 | 10.0 | 10.6 | 11.1 | 11.0 | 10.8 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.1 | 10.0 | 10.0 | 9.2 | 11.1 | 1.9 |
| 7/2/2009 | 9.9 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.4 | 9.4 | 9.4 | 9.4 | 9.6 | 9.9 | 10.4 | 10.8 | 10.8 | 10.6 | 10.4 | 10.4 | 10.4 | 10.3 | 10.2 | 10.2 | 10.0 | 9.9 | 10.0 | 9.3 | 10.8 | 1.5 |
| 7/3/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.2 | 9.2 | 9.3 | 9.5 | 10.0 | 10.6 | 11.1 | 10.9 | 10.7 | 10.5 | 10.5 | 10.4 | 10.4 | 10.2 | 10.1 | 10.0 | 9.9 | 10.0 | 9.2 | 11.1 | 1.9 |
| 7/4/2009 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 9.5 | 10.0 | 10.6 | 11.1 | 10.9 | 10.8 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 9.2 | 11.1 | 1.9 |
| 7/5/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.4 | 9.6 | 10.0 | 10.6 | 11.1 | 11.0 | 10.7 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.2 | 10.0 | 9.9 | 10.0 | 9.3 | 11.1 | 1.8 |
| 7/6/2009 | 9.8 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.2 | 9.3 | 9.5 | 9.9 | 10.5 | 11.0 | 10.8 | 10.6 | 10.4 | 10.4 | 10.4 | 10.3 | 10.2 | 10.1 | 9.9 | 9.8 | 9.9 | 9.2 | 11.0 | 1.7 |
| 7/7/2009 | 9.6 | 9.4 | 9.3 | 9.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.4 | 9.8 | 10.4 | 10.9 | 10.8 | 10.6 | 10.4 | 10.4 | 10.3 | 10.3 | 10.1 | 10.0 | 9.8 | 9.7 | 9.8 | 9.1 | 10.9 | 1.8 |
| 7/8/2009 | 9.6 | 9.4 | 9.3 | 9.2 | 9.1 | 9.1 | 9.1 | 9.0 | 9.0 | 9.2 | 9.4 | 9.8 | 10.4 | 10.9 | 10.8 | 10.6 | 10.4 | 10.4 | 10.3 | 10.3 | 10.2 | 10.1 | 9.9 | 9.8 | 9.8 | 9.0 | 10.9 | 1.9 |
| 7/9/2009 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.1 | 9.1 | 9.2 | 9.4 | 9.9 | 10.4 | 10.9 | 10.8 | 10.6 | 10.5 | 10.4 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.8 | 9.9 | 9.1 | 10.9 | 1.8 |
| 7/10/2009 | 9.7 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.2 | 9.1 | 9.2 | 9.3 | 9.5 | 9.9 | 10.5 | 10.7 | 10.8 | 10.6 | 10.5 | 10.4 | 10.4 | 10.4 | 10.3 | 10.1 | 10.0 | 9.9 | 9.9 | 9.1 | 10.8 | 1.7 |
| 7/11/2009 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.4 | 9.6 | 10.0 | 10.6 | 11.1 | 10.9 | 10.6 | 10.4 | 10.4 | 10.4 | 10.4 | 10.2 | 10.1 | 10.0 | 9.9 | 10.0 | 9.4 | 11.1 | 1.7 |
| 7/12/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.5 | 9.7 | 10.0 | 10.0 | 10.0 | 10.3 | 10.4 | 10.3 | 10.3 | 10.2 | 10.0 | 10.0 | 9.9 | 9.8 | 9.7 | 9.8 | 9.4 | 10.4 | 1.0 |
| 7/13/2009 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 9.3 | 9.6 | 10.0 | 10.6 | 11.1 | 11.0 | 10.8 | 10.6 | 10.6 | 10.6 | 10.6 | 10.5 | 10.3 | 10.2 | 10.1 | 10.0 | 9.2 | 11.1 | 1.9 |
| 7/14/2009 | 10.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.6 | 9.8 | 10.2 | 10.7 | 11.2 | 11.2 | 10.9 | 10.7 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.0 | 10.2 | 9.5 | 11.2 | 1.7 |
| 7/15/2009 | 9.9 | 9.8 | 9.6 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 | 9.4 | 9.6 | 10.0 | 10.6 | 11.0 | 11.0 | 10.8 | 10.6 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.1 | 10.0 | 10.1 | 9.3 | 11.0 | 1.7 |
| 7/16/2009 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.2 | 9.3 | 9.5 | 9.9 | 10.6 | 11.0 | 11.0 | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.4 | 10.2 | 10.1 | 9.9 | 10.0 | 9.2 | 11.0 | 1.8 |
| 7/17/2009 | 9.8 | 9.7 | 9.6 | 9.6 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 | 9.5 | 9.7 | 10.0 | 10.6 | 11.1 | 11.0 | 10.9 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.2 | 10.1 | 10.1 | 9.4 | 11.1 | 1.7 |
| 7/18/2009 | 10.0 | 9.8 | 9.7 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.8 | 10.1 | 10.7 | 11.2 | 11.1 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.2 | 9.6 | 11.2 | 1.6 |
| 7/19/2009 | 10.0 | 9.9 | 9.8 | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.7 | 9.8 | 10.2 | 10.7 | 10.7 | 10.8 | 10.9 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.2 | 9.6 | 10.9 | 1.3 |
| 7/20/2009 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.7 | 9.8 | 10.2 | 10.8 | 11.2 | 11.2 | 11.0 | 10.8 | 10.8 | 10.7 | 10.6 | 10.6 | 10.4 | 10.3 | 10.1 | 10.3 | 9.6 | 11.2 | 1.6 |
| 7/21/2009 | 10.0 | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 9.7 | 10.1 | 7.2 | 11.2 | 11.1 | 10.9 | 10.7 | 10.7 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.1 | 10.0 | 7.2 | 11.2 | 4.0 |
| 7/22/2009 | 10.0 | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 9.7 | 10.1 | 10.6 | 11.1 | 11.0 | 10.9 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.1 | 10.2 | 9.5 | 11.1 | 1.6 |
| 7/23/2009 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.7 | 9.8 | 10.2 | 10.8 | 11.2 | 11.1 | 10.9 | 10.8 | 10.8 | 10.7 | 10.6 | 10.6 | 10.4 | 10.3 | 10.2 | 10.3 | 9.6 | 11.2 | 1.6 |
| 7/24/2009 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.7 | 9.8 | 10.2 | 10.8 | 11.2 | 11.2 | 11.0 | 10.8 | 10.8 | 10.7 | 10.7 | 10.6 | 10.4 | 10.3 | 10.2 | 10.3 | 9.6 | 11.2 | 1.6 |
| 7/25/2009 | 10.0 | 9.9 | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.8 | 10.2 | 10.7 | 11.2 | 11.1 | 11.0 | 10.8 | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.3 | 10.2 | 10.2 | 9.6 | 11.2 | 1.6 |
| 7/26/2009 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.7 | 9.9 | 10.2 | 10.8 | 11.2 | 11.2 | 11.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.7 | 10.5 | 10.4 | 10.3 | 10.3 | 9.6 | 11.2 | 1.6 |
| 7/27/2009 | 10.2 | 10.0 | 9.9 | 9.8 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 | 9.7 | 9.9 | 10.2 | 10.8 | 11.2 | 11.2 | 11.1 | 10.9 | 10.9 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.3 | 10.4 | 9.7 | 11.2 | 1.5 |
| 7/28/2009 | 10.2 | 10.1 | 10.0 | 9.9 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 10.0 | 10.4 | 10.9 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.6 | 10.4 | 10.4 | 9.8 | 11.3 | 1.5 |
| 7/29/2009 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 10.0 | 10.0 | 9.9 | 9.9 | 9.9 | 10.1 | 10.4 | 10.9 | 11.3 | 11.3 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.5 | 9.9 | 11.3 | 1.4 |
| 7/30/2009 | 10.4 | 10.2 | 10.1 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 10.0 | 10.0 | 10.1 | 10.4 | 10.9 | 11.3 | 11.3 | 11.2 | 11.0 | 11.0 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.5 | 10.0 | 11.3 | 1.3 |
| 7/31/2009 | 10.4 | 10.2 | 10.1 | 10.0 | 10.0 | 10.0 | 9.9 | 9.9 | 9.9 | 9.9 | 10.1 | 10.4 | 10.8 | 11.2 | 11.2 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.5 | 9.9 | 11.2 | 1.3 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.8 | Minimum | 7.2 |
| Mean Daily Mean | 10.1 | Mean Minimum | 9.4 |
| Maximum Daily Mean | 10.5 | | |
| | | Maximum | 11.3 |
| Minumum Range | 1.0 | Mean Maximum | 11.1 |
| Maximum Range | 4.0 | | |
| | | Mean Range | 1.7 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 10.3 | 10.2 | 10.1 | 10.1 | 10.1 | 10.0 | 10.0 | 9.9 | 10.0 | 10.0 | 10.2 | 10.5 | 10.8 | 11.2 | 11.2 | 11.1 | 11.0 | 11.0 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.5 | 9.9 | 11.2 | 1.3 |
| 8/2/2009 | 10.4 | 10.3 | 10.2 | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.3 | 10.6 | 11.0 | 11.4 | 11.4 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.8 | 10.6 | 10.5 | 10.6 | 10.1 | 11.4 | 1.3 |
| 8/3/2009 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 10.1 | 10.3 | 10.7 | 11.3 | 11.9 | 11.9 | 11.6 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.7 | 10.0 | 11.9 | 1.9 |
| 8/4/2009 | 10.6 | 10.4 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.3 | 10.7 | 11.3 | 12.0 | 11.9 | 11.6 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.8 | 10.1 | 12.0 | 1.9 |
| 8/5/2009 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.2 | 10.1 | 10.0 | 10.0 | 10.1 | 10.3 | 10.7 | 11.1 | 11.7 | 11.8 | 11.5 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.7 | 10.6 | 10.4 | 10.7 | 10.0 | 11.8 | 1.7 |
| 8/6/2009 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 10.0 | 9.9 | 9.9 | 9.9 | 10.0 | 10.1 | 10.2 | 10.4 | 10.8 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.3 | 9.9 | 10.8 | 0.9 |
| 8/7/2009 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.7 | 9.6 | 9.6 | 9.6 | 9.7 | 9.9 | 10.3 | 10.8 | 11.4 | 11.3 | 11.0 | 10.9 | 10.9 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 9.6 | 11.4 | 1.8 |
| 8/8/2009 | 10.2 | 10.1 | 10.0 | 9.9 | 9.9 | 9.9 | 9.8 | 9.8 | 9.8 | 9.9 | 10.1 | 10.5 | 11.1 | 11.7 | 11.7 | 11.5 | 11.3 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 9.8 | 11.7 | 1.9 |
| 8/9/2009 | 10.6 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 10.1 | 10.3 | 10.7 | 11.3 | 11.9 | 11.9 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.8 | 10.8 | 10.0 | 11.9 | 1.9 |
| 8/10/2009 | 10.7 | 10.6 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.3 | 10.5 | 10.8 | 11.4 | 12.1 | 12.1 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.2 | 12.1 | 1.9 |
| 8/11/2009 | 10.8 | 10.7 | 10.6 | 10.5 | 10.5 | 10.5 | 10.4 | 10.3 | 10.3 | 10.4 | 10.6 | 10.9 | 11.4 | 12.0 | 12.1 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 11.0 | 10.3 | 12.1 | 1.8 |
| 8/12/2009 | 10.7 | 10.6 | 10.4 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.2 | 10.5 | 10.8 | 11.3 | 12.0 | 12.1 | 11.8 | 11.6 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 11.0 | 10.8 | 10.9 | 10.2 | 12.1 | 1.9 |
| 8/13/2009 | 10.7 | 10.5 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.3 | 10.7 | 11.3 | 11.8 | 11.6 | 11.2 | 10.9 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.3 | 10.2 | 10.6 | 10.1 | 11.8 | 1.7 |
| 8/14/2009 | 10.2 | 10.2 | 10.1 | 10.2 | 10.5 | 10.5 | 10.4 | 10.3 | 10.3 | 10.4 | 10.5 | 10.9 | 11.4 | 12.0 | 12.0 | 11.7 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 10.7 | 10.9 | 10.1 | 12.0 | 1.9 |
| 8/15/2009 | 10.6 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 9.9 | 9.9 | 10.0 | 10.2 | 10.7 | 11.2 | 11.8 | 11.8 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.8 | 10.7 | 10.7 | 9.9 | 11.8 | 1.9 |
| 8/16/2009 | 10.6 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.4 | 10.8 | 11.3 | 11.9 | 11.9 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 10.8 | 10.8 | 10.1 | 11.9 | 1.9 |
| 8/17/2009 | 10.7 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.3 | 10.5 | 10.9 | 11.4 | 12.0 | 12.0 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 11.0 | 11.0 | 10.2 | 12.0 | 1.8 |
| 8/18/2009 | 10.9 | 10.8 | 10.6 | 10.5 | 10.5 | 10.5 | 10.4 | 10.4 | 10.3 | 10.4 | 10.6 | 11.0 | 11.5 | 12.1 | 12.2 | 12.0 | 11.8 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 11.1 | 10.3 | 12.2 | 1.9 |
| 8/19/2009 | 11.0 | 10.9 | 10.8 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.7 | 11.1 | 11.6 | 12.3 | 12.3 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 10.5 | 12.3 | 1.9 |
| 8/20/2009 | 11.2 | 11.0 | 10.9 | 10.8 | 10.7 | 10.8 | 10.7 | 10.6 | 10.6 | 10.6 | 10.8 | 11.2 | 11.7 | 12.3 | 12.4 | 12.1 | 12.0 | 11.9 | 11.8 | 11.8 | 11.6 | 11.5 | 11.4 | 11.3 | 11.3 | 10.6 | 12.4 | 1.8 |
| 8/21/2009 | 11.2 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 | 10.7 | 10.7 | 10.9 | 11.3 | 11.8 | 12.3 | 12.4 | 12.1 | 12.0 | 11.9 | 11.8 | 11.8 | 11.6 | 11.5 | 11.4 | 11.3 | 11.4 | 10.7 | 12.4 | 1.7 |
| 8/22/2009 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.8 | 10.7 | 10.7 | 10.6 | 10.7 | 10.8 | 11.2 | 11.7 | 11.9 | 11.7 | 11.8 | 11.8 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.3 | 11.2 | 10.6 | 11.9 | 1.3 |
| 8/23/2009 | 11.2 | 11.1 | 11.0 | 10.9 | 10.9 | 11.0 | 11.0 | 10.9 | 11.0 | 11.0 | 11.1 | 11.3 | 11.5 | 11.7 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.1 | 11.0 | 11.3 | 10.9 | 11.9 | 1.0 |
| 8/24/2009 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.5 | 10.7 | 11.1 | 11.6 | 12.1 | 12.1 | 11.9 | 11.8 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 10.4 | 12.1 | 1.7 |
| 8/25/2009 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 | 10.5 | 10.7 | 11.1 | 11.6 | 12.1 | 12.4 | 11.9 | 11.8 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 11.2 | 10.5 | 12.4 | 1.9 |
| 8/26/2009 | 11.0 | 10.8 | 10.8 | 10.6 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.5 | 10.7 | 11.1 | 11.5 | 12.1 | 12.2 | 11.9 | 11.8 | 11.8 | 11.8 | 11.7 | 11.6 | 11.5 | 11.3 | 11.2 | 11.2 | 10.4 | 12.2 | 1.8 |
| 8/27/2009 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.4 | 10.5 | 10.7 | 11.1 | 11.6 | 12.1 | 12.2 | 12.0 | 11.9 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.3 | 11.2 | 11.2 | 10.4 | 12.2 | 1.8 |
| 8/28/2009 | 11.1 | 11.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.8 | 10.7 | 10.8 | 10.8 | 11.0 | 11.1 | 11.5 | 12.0 | 12.1 | 11.8 | 11.8 | 11.8 | 11.7 | 11.7 | 11.5 | 11.4 | 11.3 | 11.2 | 11.3 | 10.7 | 12.1 | 1.4 |
| 8/29/2009 | 11.1 | 10.9 | 10.9 | 10.8 | 10.7 | 10.8 | 10.7 | 10.7 | 10.6 | 10.7 | 10.9 | 11.2 | 11.7 | 12.2 | 12.4 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.7 | 11.6 | 11.5 | 11.4 | 10.6 | 12.4 | 1.8 |
| 8/30/2009 | 11.4 | 11.3 | 11.2 | 11.1 | 11.1 | 11.1 | 11.0 | 10.9 | 10.9 | 10.9 | 11.1 | 11.5 | 11.9 | 12.3 | 12.4 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.8 | 11.7 | 11.6 | 11.5 | 11.5 | 10.9 | 12.4 | 1.5 |
| 8/31/2009 | 11.4 | 11.2 | 11.2 | 11.1 | 11.0 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 11.1 | 11.5 | 11.9 | 12.2 | 12.3 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 11.9 | 11.7 | 11.6 | 11.5 | 11.5 | 10.9 | 12.3 | 1.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 10.3 | Minimum | 9.6 |
| Mean Daily Mean | 11.0 | Mean Minimum | 10.3 |
| Maximum Daily Mean | 11.5 | | |
| | | Maximum | 12.4 |
| Minumum Range | 0.9 | Mean Maximum | 12.0 |
| Maximum Range | 1.9 | | |
| | | Mean Range | 1.7 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 11.4 | 11.3 | 11.1 | 11.1 | 11.0 | 11.1 | 11.1 | 11.1 | 11.0 | 11.0 | 11.1 | 11.5 | 11.8 | 12.2 | 12.1 | 11.8 | 11.6 | 11.5 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.0 | 11.3 | 11.0 | 12.2 | 1.2 |
| 9/2/2009 | 11.0 | 11.0 | 10.9 | 10.9 | 11.0 | 11.2 | 11.2 | 11.2 | 11.1 | 11.1 | 11.4 | 11.7 | 12.1 | 12.3 | 12.2 | 12.2 | 12.2 | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 11.6 | 11.5 | 11.6 | 10.9 | 12.3 | 1.4 |
| 9/3/2009 | 11.4 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 11.0 | 10.9 | 11.0 | 11.1 | 11.5 | 11.9 | 12.3 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.8 | 11.7 | 11.6 | 11.6 | 10.9 | 12.4 | 1.5 |
| 9/4/2009 | 11.4 | 11.3 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 11.1 | 11.0 | 11.1 | 11.2 | 11.5 | 11.9 | 12.3 | 12.4 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 11.6 | 11.5 | 11.6 | 11.0 | 12.4 | 1.3 |
| 9/5/2009 | 11.4 | 11.2 | 11.1 | 11.0 | 10.9 | 10.9 | 10.8 | 10.9 | 10.8 | 10.9 | 11.1 | 11.4 | 11.7 | 12.0 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 10.8 | 12.1 | 1.3 |
| 9/6/2009 | 11.3 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.8 | 11.0 | 11.3 | 11.7 | 12.1 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.3 | 11.4 | 10.8 | 12.1 | 1.3 |
| 9/7/2009 | 11.2 | 11.1 | 11.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 11.0 | 11.3 | 11.7 | 12.0 | 12.1 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.6 | 11.5 | 11.3 | 11.4 | 10.8 | 12.1 | 1.3 |
| 9/8/2009 | 11.2 | 11.1 | 11.0 | 11.0 | 10.9 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 11.0 | 11.3 | 11.7 | 12.1 | 12.2 | 12.1 | 12.0 | 12.0 | 12.0 | 12.0 | 11.9 | 11.8 | 11.7 | 11.5 | 11.4 | 10.8 | 12.2 | 1.4 |
| 9/9/2009 | 11.4 | 11.3 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.1 | 11.1 | 11.1 | 11.2 | 11.5 | 11.9 | 12.3 | 12.4 | 12.3 | 12.2 | 12.2 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.0 | 12.4 | 1.4 |
| 9/10/2009 | 11.6 | 11.5 | 11.4 | 11.3 | 11.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.4 | 11.6 | 12.0 | 12.4 | 12.5 | 12.4 | 12.3 | 12.3 | 12.3 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.2 | 12.5 | 1.3 |
| 9/11/2009 | 11.8 | 11.7 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.3 | 11.4 | 11.5 | 11.8 | 12.2 | 12.6 | 12.7 | 12.5 | 12.5 | 12.5 | 12.4 | 12.4 | 12.3 | 12.2 | 12.1 | 12.1 | 11.9 | 11.3 | 12.7 | 1.4 |
| 9/12/2009 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.7 | 12.0 | 12.0 | 12.0 | 12.1 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 12.0 | 11.9 | 11.9 | 11.8 | 11.9 | 11.6 | 12.2 | 0.6 |
| 9/13/2009 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.4 | 11.6 | 11.9 | 12.1 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 11.8 | 11.7 | 11.6 | 11.5 | 11.7 | 11.3 | 12.3 | 1.0 |
| 9/14/2009 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.4 | 11.4 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.8 | 11.9 | 11.8 | 11.8 | 11.8 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.5 | 11.3 | 11.9 | 0.6 |
| 9/15/2009 | 11.3 | 11.2 | 11.2 | 11.1 | 11.1 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.2 | 11.5 | 11.9 | 12.2 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.9 | 11.6 | 11.0 | 12.3 | 1.3 |
| 9/16/2009 | 11.8 | 11.6 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.5 | 11.7 | 12.1 | 12.5 | 12.6 | 12.5 | 12.3 | 12.4 | 12.4 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.3 | 12.6 | 1.3 |
| 9/17/2009 | 11.9 | 11.8 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 | 11.5 | 11.6 | 11.9 | 12.2 | 12.5 | 12.6 | 12.6 | 12.4 | 12.5 | 12.5 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.5 | 12.6 | 1.1 |
| 9/18/2009 | 12.1 | 12.0 | 11.9 | 11.8 | 11.8 | 11.7 | 11.7 | 11.7 | 11.6 | 11.6 | 11.7 | 12.0 | 12.4 | 12.8 | 12.8 | 12.8 | 12.7 | 12.7 | 12.7 | 12.6 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 11.6 | 12.8 | 1.2 |
| 9/19/2009 | 12.2 | 12.1 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 11.7 | 11.8 | 11.8 | 11.9 | 12.2 | 12.5 | 12.8 | 12.8 | 12.8 | 12.7 | 12.7 | 12.6 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 11.7 | 12.8 | 1.1 |
| 9/20/2009 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.6 | 11.5 | 11.5 | 11.5 | 11.6 | 11.7 | 12.0 | 12.3 | 12.7 | 12.8 | 12.8 | 12.7 | 12.7 | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 11.5 | 12.8 | 1.3 |
| 9/21/2009 | 12.1 | 12.0 | 11.9 | 11.9 | 11.8 | 11.7 | 11.7 | 11.7 | 11.6 | 11.6 | 11.8 | 12.1 | 12.4 | 12.8 | 12.8 | 12.7 | 12.5 | 12.3 | 12.3 | 12.2 | 12.2 | 12.3 | 12.3 | 12.1 | 12.1 | 11.6 | 12.8 | 1.2 |
| 9/22/2009 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 11.5 | 11.7 | 12.1 | 12.4 | 12.5 | 12.4 | 12.1 | 12.0 | 11.9 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 11.9 | 11.3 | 12.5 | 1.2 |
| 9/23/2009 | 11.8 | 11.7 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.2 | 11.3 | 11.4 | 11.7 | 12.0 | 12.3 | 12.4 | 12.3 | 12.0 | 11.9 | 11.8 | 11.7 | 11.6 | 11.6 | 11.9 | 11.9 | 11.7 | 11.2 | 12.4 | 1.2 |
| 9/24/2009 | 11.8 | 11.7 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.2 | 11.3 | 11.4 | 11.7 | 12.0 | 12.3 | 12.4 | 12.3 | 12.0 | 11.9 | 11.8 | 12.1 | 12.1 | 12.1 | 12.0 | 11.9 | 11.8 | 11.2 | 12.4 | 1.2 |
| 9/25/2009 | 11.8 | 11.8 | 11.7 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.3 | 11.4 | 11.5 | 11.7 | 12.1 | 12.4 | 12.5 | 12.4 | 12.2 | 12.0 | 11.9 | 11.8 | 11.7 | 11.9 | 12.0 | 12.0 | 11.8 | 11.3 | 12.5 | 1.2 |
| 9/26/2009 | 11.9 | 11.8 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.3 | 11.3 | 11.3 | 11.5 | 11.7 | 12.1 | 12.4 | 12.5 | 12.4 | 12.1 | 12.0 | 11.9 | 12.1 | 12.2 | 12.2 | 12.1 | 12.0 | 11.8 | 11.3 | 12.5 | 1.2 |
| 9/27/2009 | 11.9 | 11.8 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.4 | 11.5 | 11.8 | 12.1 | 12.4 | 12.5 | 12.4 | 12.2 | 12.0 | 11.9 | 12.1 | 12.2 | 12.2 | 12.1 | 12.0 | 11.9 | 11.3 | 12.5 | 1.2 |
| 9/28/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/29/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/30/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 11.3 | Minimum | 10.8 |
| Mean Daily Mean | 11.8 | Mean Minimum | 11.2 |
| Maximum Daily Mean | 12.2 | | |
| | | Maximum | 12.8 |
| Minumum Range | 0.6 | Mean Maximum | 12.4 |
| Maximum Range | 1.5 | | |
| | | Mean Range | 1.2 |
| # of Days <= 20 (ºC) | 27 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.8 | 6.9 | 7.0 | 7.1 | 7.1 | 7.2 | 7.2 | 7.3 | 7.3 | 7.5 | 7.6 | 7.8 | 7.9 | 8.0 | 8.0 | 7.2 | 6.8 | 8.0 | 1.2 |
| 4/2/2009 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.6 | 7.5 | 7.6 | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 7.9 | 7.5 | 8.2 | 0.7 |
| 4/3/2009 | 8.2 | 8.1 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.6 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.5 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.5 | 8.2 | 0.7 |
| 4/4/2009 | 7.5 | 7.5 | 7.4 | 7.3 | 7.1 | 6.9 | 6.8 | 6.7 | 6.5 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.3 | 6.3 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.7 | 6.7 | 6.3 | 7.5 | 1.2 |
| 4/5/2009 | 6.8 | 6.8 | 6.8 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 | 6.6 | 6.6 | 6.6 | 6.7 | 6.7 | 6.7 | 6.8 | 7.0 | 7.1 | 7.2 | 7.3 | 7.3 | 7.4 | 6.8 | 6.4 | 7.4 | 1.0 |
| 4/6/2009 | 7.4 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.3 | 7.3 | 7.5 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.3 | 7.0 | 7.9 | 0.9 |
| 4/7/2009 | 7.9 | 7.9 | 7.8 | 7.7 | 7.7 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.6 | 7.5 | 7.6 | 7.6 | 7.7 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.7 | 7.5 | 7.9 | 0.4 |
| 4/8/2009 | 7.7 | 7.6 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.3 | 6.9 | 6.3 | 7.7 | 1.3 |
| 4/9/2009 | 6.3 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 | 6.1 | 6.1 | 6.1 | 6.0 | 6.3 | 0.3 |
| 4/10/2009 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.0 | 6.0 | 6.1 | 6.1 | 6.1 | 6.1 | 6.2 | 6.2 | 6.2 | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.2 | 6.0 | 6.4 | 0.4 |
| 4/11/2009 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 6.3 | 6.5 | 6.5 | 6.6 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.3 | 7.4 | 7.6 | 7.7 | 7.6 | 6.7 | 6.2 | 7.7 | 1.5 |
| 4/12/2009 | 7.6 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 | 7.4 | 7.4 | 7.4 | 7.5 | 7.6 | 7.6 | 7.7 | 7.8 | 8.0 | 8.2 | 8.3 | 8.3 | 7.6 | 7.2 | 8.3 | 1.1 |
| 4/13/2009 | 8.3 | 8.3 | 8.2 | 8.2 | 8.1 | 8.1 | 8.1 | 8.0 | 8.1 | 8.1 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.3 | 8.4 | 8.5 | 8.5 | 8.6 | 8.7 | 8.7 | 8.3 | 8.0 | 8.7 | 0.7 |
| 4/14/2009 | 8.7 | 8.7 | 8.6 | 8.5 | 8.5 | 8.5 | 8.4 | 8.4 | 8.3 | 8.2 | 8.2 | 8.3 | 8.3 | 8.2 | 8.2 | 8.1 | 8.0 | 8.1 | 8.1 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 8.2 | 7.7 | 8.7 | 1.0 |
| 4/15/2009 | 7.5 | 7.4 | 7.2 | 7.1 | 6.9 | 6.8 | 6.6 | 6.5 | 6.4 | 6.2 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.6 | 6.5 | 6.0 | 7.5 | 1.5 |
| 4/16/2009 | 6.6 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.5 | 6.6 | 6.8 | 7.0 | 7.2 | 7.3 | 7.4 | 6.4 | 5.9 | 7.4 | 1.5 |
| 4/17/2009 | 7.4 | 7.4 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.6 | 7.7 | 7.8 | 7.9 | 8.1 | 8.2 | 8.3 | 7.5 | 7.2 | 8.3 | 1.1 |
| 4/18/2009 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.2 | 8.3 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.5 | 8.5 | 8.6 | 8.8 | 9.0 | 9.2 | 9.3 | 9.4 | 8.5 | 8.1 | 9.4 | 1.3 |
| 4/19/2009 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 9.1 | 9.1 | 9.1 | 9.2 | 9.3 | 9.5 | 9.5 | 9.3 | 9.2 | 9.2 | 9.2 | 9.3 | 9.3 | 9.4 | 9.6 | 9.7 | 9.8 | 9.9 | 9.9 | 9.4 | 9.1 | 9.9 | 0.8 |
| 4/20/2009 | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.7 | 9.8 | 10.0 | 10.0 | 9.7 | 9.6 | 9.5 | 9.5 | 9.6 | 9.6 | 9.7 | 9.8 | 10.0 | 10.1 | 10.1 | 10.2 | 9.8 | 9.5 | 10.2 | 0.7 |
| 4/21/2009 | 10.1 | 10.1 | 10.0 | 10.0 | 9.9 | 9.9 | 9.9 | 10.0 | 10.1 | 10.1 | 10.1 | 9.9 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.0 | 9.9 | 9.9 | 9.6 | 10.1 | 0.6 |
| 4/22/2009 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.5 | 9.6 | 9.5 | 9.3 | 9.1 | 9.0 | 9.0 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.6 | 9.7 | 9.7 | 9.7 | 9.4 | 9.0 | 9.8 | 0.8 |
| 4/23/2009 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.4 | 9.5 | 9.4 | 9.3 | 9.1 | 8.9 | 8.9 | 8.9 | 9.0 | 8.9 | 9.0 | 9.0 | 9.0 | 9.1 | 9.0 | 9.0 | 9.0 | 9.2 | 8.9 | 9.6 | 0.7 |
| 4/24/2009 | 8.9 | 8.8 | 8.8 | 8.7 | 8.7 | 8.6 | 8.7 | 8.8 | 8.9 | 8.9 | 8.7 | 8.4 | 8.3 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 8.0 | 8.0 | 8.1 | 8.0 | 8.0 | 7.8 | 8.4 | 7.8 | 8.9 | 1.1 |
| 4/25/2009 | 7.6 | 7.5 | 7.3 | 7.2 | 7.0 | 6.9 | 6.8 | 6.8 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.6 | 6.7 | 6.8 | 7.1 | 7.2 | 7.2 | 7.4 | 7.6 | 7.7 | 7.8 | 7.7 | 7.1 | 6.5 | 7.8 | 1.3 |
| 4/26/2009 | 7.6 | 7.5 | 7.5 | 7.4 | 7.3 | 7.3 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.3 | 7.4 | 7.4 | 7.6 | 7.8 | 7.9 | 8.0 | 8.2 | 8.3 | 8.3 | 8.3 | 7.6 | 7.2 | 8.3 | 1.1 |
| 4/27/2009 | 8.3 | 8.2 | 8.2 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 8.0 | 8.1 | 8.2 | 8.2 | 8.0 | 8.0 | 8.0 | 8.1 | 8.3 | 8.4 | 8.4 | 8.4 | 8.5 | 8.6 | 8.6 | 8.6 | 8.2 | 7.9 | 8.6 | 0.7 |
| 4/28/2009 | 8.5 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 7.8 | 7.8 | 7.7 | 7.7 | 7.6 | 7.7 | 7.8 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.1 | 8.0 | 7.6 | 8.5 | 0.9 |
| 4/29/2009 | 8.1 | 8.0 | 7.9 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.1 | 8.1 | 8.1 | 8.1 | 7.8 | 7.5 | 8.1 | 0.6 |
| 4/30/2009 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.8 | 7.6 | 7.6 | 7.6 | 7.6 | 7.7 | 7.7 | 7.8 | 8.0 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 7.9 | 7.6 | 8.4 | 0.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.1 | Minimum | 5.9 |
| Mean Daily Mean | 7.8 | Mean Minimum | 7.4 |
| Maximum Daily Mean | 9.9 | | |
| | | Maximum | 10.2 |
| Minumum Range | 0.3 | Mean Maximum | 8.3 |
| Maximum Range | 1.5 | | |
| | | Mean Range | 0.9 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.6 | 8.7 | 8.8 | 8.7 | 8.5 | 8.4 | 8.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.2 | 8.8 | 0.6 |
| 5/2/2009 | 8.3 | 8.3 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 8.0 | 7.5 | 7.1 | 7.0 | 6.9 | 6.8 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.2 | 7.4 | 6.8 | 8.5 | 1.7 |
| 5/3/2009 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.4 | 7.1 | 7.8 | 0.7 |
| 5/4/2009 | 7.6 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.7 | 6.8 | 6.9 | 7.0 | 7.2 | 7.4 | 7.7 | 8.0 | 8.2 | 8.4 | 8.6 | 8.7 | 8.7 | 8.7 | 8.7 | 7.6 | 6.7 | 8.7 | 2.0 |
| 5/5/2009 | 8.7 | 8.7 | 8.7 | 8.6 | 8.6 | 8.5 | 8.5 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.5 | 8.7 | 9.0 | 9.2 | 9.4 | 9.5 | 9.5 | 9.4 | 9.5 | 9.5 | 8.8 | 8.3 | 9.5 | 1.3 |
| 5/6/2009 | 9.4 | 9.3 | 9.2 | 9.0 | 8.8 | 8.6 | 8.4 | 8.3 | 8.1 | 8.0 | 8.0 | 8.0 | 8.1 | 8.3 | 8.5 | 8.8 | 9.2 | 9.5 | 9.8 | 9.9 | 10.0 | 10.2 | 10.2 | 10.2 | 9.0 | 8.0 | 10.2 | 2.2 |
| 5/7/2009 | 10.2 | 10.2 | 10.1 | 10.1 | 10.2 | 10.1 | 9.8 | 9.5 | 9.1 | 8.8 | 8.6 | 8.5 | 8.5 | 8.5 | 8.7 | 8.8 | 9.1 | 9.4 | 9.7 | 9.9 | 10.1 | 10.2 | 10.1 | 10.1 | 9.5 | 8.5 | 10.2 | 1.7 |
| 5/8/2009 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.3 | 9.0 | 8.6 | 8.4 | 8.3 | 8.1 | 8.1 | 8.2 | 8.4 | 8.6 | 9.0 | 9.3 | 9.7 | 10.0 | 10.2 | 10.2 | 10.1 | 10.0 | 9.9 | 9.3 | 8.1 | 10.2 | 2.1 |
| 5/9/2009 | 9.8 | 9.6 | 9.4 | 9.3 | 9.1 | 8.9 | 8.7 | 8.4 | 8.3 | 8.1 | 8.1 | 8.1 | 8.2 | 8.5 | 8.7 | 9.1 | 9.5 | 9.8 | 10.1 | 10.2 | 10.2 | 10.2 | 10.1 | 10.0 | 9.2 | 8.1 | 10.2 | 2.1 |
| 5/10/2009 | 9.8 | 9.6 | 9.4 | 9.3 | 9.1 | 9.0 | 8.8 | 8.5 | 8.4 | 8.2 | 8.2 | 8.2 | 8.2 | 8.4 | 8.7 | 9.0 | 9.4 | 9.8 | 10.1 | 10.3 | 10.3 | 10.3 | 10.2 | 10.0 | 9.2 | 8.2 | 10.3 | 2.1 |
| 5/11/2009 | 9.9 | 9.7 | 9.5 | 9.4 | 9.2 | 9.0 | 8.8 | 8.6 | 8.3 | 8.2 | 8.2 | 8.2 | 8.3 | 8.4 | 8.7 | 9.0 | 9.4 | 9.8 | 10.1 | 10.3 | 10.3 | 10.1 | 10.0 | 9.9 | 9.2 | 8.2 | 10.3 | 2.1 |
| 5/12/2009 | 9.7 | 9.5 | 9.3 | 9.2 | 9.0 | 8.8 | 8.7 | 8.4 | 8.2 | 8.1 | 8.1 | 8.1 | 8.2 | 8.4 | 8.7 | 9.0 | 9.4 | 9.7 | 9.9 | 10.0 | 9.9 | 9.8 | 9.6 | 9.4 | 9.1 | 8.1 | 10.0 | 1.9 |
| 5/13/2009 | 9.1 | 8.9 | 8.7 | 8.5 | 8.3 | 8.1 | 7.9 | 7.8 | 7.6 | 7.6 | 7.6 | 7.7 | 7.9 | 8.1 | 8.5 | 8.8 | 9.2 | 9.5 | 9.8 | 9.9 | 9.8 | 9.7 | 9.5 | 9.4 | 8.7 | 7.6 | 9.9 | 2.3 |
| 5/14/2009 | 9.1 | 8.9 | 8.8 | 8.7 | 8.6 | 8.4 | 8.3 | 8.1 | 8.0 | 8.0 | 8.1 | 8.2 | 8.3 | 8.6 | 9.0 | 9.4 | 9.8 | 10.1 | 10.4 | 10.4 | 10.4 | 10.3 | 10.1 | 10.0 | 9.1 | 8.0 | 10.4 | 2.4 |
| 5/15/2009 | 9.7 | 9.5 | 9.4 | 9.3 | 9.2 | 9.0 | 8.8 | 8.6 | 8.5 | 8.4 | 8.4 | 8.6 | 8.8 | 9.1 | 9.4 | 9.9 | 10.3 | 10.7 | 11.0 | 11.2 | 11.0 | 10.9 | 10.8 | 10.6 | 9.6 | 8.4 | 11.2 | 2.8 |
| 5/16/2009 | 10.4 | 10.2 | 10.0 | 9.9 | 9.7 | 9.5 | 9.3 | 9.1 | 9.0 | 8.9 | 8.9 | 9.0 | 9.2 | 9.4 | 9.8 | 10.2 | 10.6 | 11.0 | 11.2 | 11.3 | 11.3 | 11.1 | 10.9 | 10.7 | 10.0 | 8.9 | 11.3 | 2.4 |
| 5/17/2009 | 10.5 | 10.3 | 10.1 | 10.0 | 9.9 | 9.6 | 9.4 | 9.2 | 9.0 | 9.0 | 9.0 | 9.1 | 9.3 | 9.5 | 9.9 | 10.2 | 10.6 | 10.9 | 11.2 | 11.3 | 11.3 | 11.2 | 11.0 | 10.8 | 10.1 | 9.0 | 11.3 | 2.3 |
| 5/18/2009 | 10.6 | 10.4 | 10.2 | 10.0 | 9.9 | 9.6 | 9.5 | 9.3 | 9.2 | 9.2 | 9.1 | 9.2 | 9.3 | 9.6 | 9.9 | 10.3 | 10.7 | 11.2 | 11.4 | 11.4 | 11.2 | 10.8 | 10.5 | 10.2 | 10.1 | 9.1 | 11.4 | 2.3 |
| 5/19/2009 | 9.9 | 9.7 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 9.1 | 9.2 | 9.5 | 9.9 | 10.3 | 10.8 | 11.2 | 11.3 | 11.3 | 11.0 | 10.6 | 10.2 | 9.9 | 9.8 | 8.9 | 11.3 | 2.4 |
| 5/20/2009 | 9.6 | 9.4 | 9.2 | 9.0 | 8.9 | 8.8 | 8.7 | 8.5 | 8.4 | 8.4 | 8.5 | 8.6 | 8.9 | 9.2 | 9.6 | 10.0 | 10.3 | 10.6 | 10.8 | 10.7 | 10.5 | 10.3 | 9.9 | 9.6 | 9.4 | 8.4 | 10.8 | 2.4 |
| 5/21/2009 | 9.3 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.4 | 8.4 | 8.6 | 8.8 | 9.2 | 9.6 | 10.0 | 10.4 | 10.6 | 10.8 | 10.7 | 10.5 | 10.3 | 10.0 | 9.7 | 9.4 | 8.4 | 10.8 | 2.4 |
| 5/22/2009 | 9.5 | 9.3 | 9.1 | 9.0 | 8.9 | 8.9 | 8.8 | 8.8 | 8.7 | 8.7 | 8.8 | 8.9 | 9.2 | 9.5 | 9.9 | 10.3 | 10.7 | 10.9 | 11.0 | 11.1 | 11.0 | 10.7 | 10.4 | 10.1 | 9.7 | 8.7 | 11.1 | 2.4 |
| 5/23/2009 | 9.9 | 9.6 | 9.4 | 9.3 | 9.1 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 8.9 | 9.0 | 9.2 | 9.6 | 9.9 | 10.3 | 10.7 | 11.0 | 11.3 | 11.4 | 11.4 | 11.2 | 10.9 | 10.7 | 9.9 | 8.9 | 11.4 | 2.5 |
| 5/24/2009 | 10.4 | 10.1 | 9.8 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 9.0 | 9.0 | 9.1 | 9.2 | 9.5 | 9.8 | 10.2 | 10.7 | 11.1 | 11.3 | 11.4 | 11.4 | 11.2 | 11.0 | 10.7 | 10.0 | 9.0 | 11.4 | 2.4 |
| 5/25/2009 | 10.4 | 10.1 | 9.7 | 9.5 | 9.3 | 9.2 | 9.1 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.1 | 9.3 | 9.6 | 10.1 | 10.5 | 10.9 | 11.2 | 11.4 | 11.4 | 11.3 | 11.2 | 10.9 | 10.0 | 9.0 | 11.4 | 2.4 |
| 5/26/2009 | 10.7 | 10.4 | 10.1 | 9.8 | 9.7 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.4 | 9.5 | 9.6 | 9.8 | 10.0 | 10.4 | 10.9 | 11.4 | 11.7 | 12.0 | 12.2 | 12.2 | 12.0 | 11.8 | 10.4 | 9.3 | 12.2 | 2.9 |
| 5/27/2009 | 11.6 | 11.3 | 11.0 | 10.6 | 10.3 | 10.1 | 9.9 | 9.8 | 9.7 | 9.8 | 9.8 | 9.9 | 10.0 | 10.2 | 10.5 | 10.9 | 11.4 | 11.9 | 12.2 | 12.5 | 12.2 | 11.8 | 11.2 | 10.5 | 10.8 | 9.7 | 12.5 | 2.7 |
| 5/28/2009 | 10.2 | 9.9 | 9.7 | 9.6 | 9.4 | 9.3 | 9.3 | 9.2 | 9.1 | 9.1 | 9.2 | 9.4 | 9.6 | 9.9 | 10.4 | 10.9 | 11.3 | 11.4 | 11.3 | 11.0 | 10.7 | 10.3 | 10.1 | 9.9 | 10.0 | 9.1 | 11.4 | 2.3 |
| 5/29/2009 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 9.3 | 9.2 | 9.2 | 9.3 | 9.4 | 9.7 | 10.0 | 10.3 | 10.8 | 11.0 | 10.9 | 10.8 | 10.7 | 10.5 | 10.3 | 10.0 | 9.9 | 9.9 | 9.2 | 11.0 | 1.8 |
| 5/30/2009 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.4 | 9.5 | 9.6 | 9.8 | 10.0 | 10.3 | 10.8 | 11.2 | 11.3 | 11.3 | 11.3 | 11.2 | 11.0 | 10.8 | 10.5 | 10.2 | 9.4 | 11.3 | 1.9 |
| 5/31/2009 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 9.9 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.9 | 10.0 | 10.3 | 10.6 | 11.1 | 11.6 | 12.0 | 12.3 | 12.5 | 12.6 | 12.5 | 12.2 | 12.0 | 10.8 | 9.8 | 12.6 | 2.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.4 | Minimum | 6.7 |
| Mean Daily Mean | 9.4 | Mean Minimum | 8.5 |
| Maximum Daily Mean | 10.8 | | |
| | | Maximum | 12.6 |
| Minumum Range | 0.6 | Mean Maximum | 10.6 |
| Maximum Range | 2.9 | | |
| | | Mean Range | 2.1 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 11.7 | 11.4 | 11.1 | 10.7 | 10.5 | 10.2 | 10.1 | 9.9 | 9.9 | 9.8 | 9.9 | 9.9 | 9.9 | 10.0 | 10.2 | 10.4 | 10.7 | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.6 | 11.4 | 10.7 | 9.8 | 11.7 | 1.9 |
| 6/2/2009 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.2 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 10.0 | 10.1 | 10.2 | 10.5 | 10.8 | 11.1 | 11.3 | 11.4 | 11.5 | 11.3 | 11.2 | 10.5 | 9.8 | 11.5 | 1.7 |
| 6/3/2009 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.9 | 10.1 | 10.3 | 10.5 | 10.8 | 10.9 | 11.0 | 11.0 | 11.0 | 10.9 | 10.8 | 10.4 | 9.8 | 11.1 | 1.3 |
| 6/4/2009 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 10.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.6 | 9.7 | 9.9 | 10.1 | 10.4 | 10.7 | 11.0 | 11.3 | 11.5 | 11.6 | 11.6 | 11.5 | 11.3 | 10.4 | 9.6 | 11.6 | 2.0 |
| 6/5/2009 | 11.2 | 11.0 | 10.8 | 10.5 | 10.3 | 10.1 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 9.5 | 9.5 | 9.5 | 9.6 | 9.6 | 9.7 | 9.7 | 9.7 | 9.9 | 9.4 | 11.2 | 1.8 |
| 6/6/2009 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 | 9.2 | 9.1 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.1 | 9.2 | 9.4 | 9.6 | 9.8 | 9.8 | 9.9 | 9.9 | 9.9 | 9.8 | 9.4 | 9.0 | 9.9 | 0.9 |
| 6/7/2009 | 9.8 | 9.7 | 9.6 | 9.6 | 9.5 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.4 | 9.5 | 9.6 | 9.9 | 10.2 | 10.5 | 10.9 | 11.2 | 11.4 | 11.6 | 11.9 | 12.0 | 12.2 | 10.2 | 9.3 | 12.2 | 2.9 |
| 6/8/2009 | 12.2 | 12.3 | 12.3 | 12.2 | 12.1 | 11.9 | 11.6 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.4 | 10.3 | 10.4 | 10.7 | 10.9 | 11.2 | 11.6 | 12.0 | 12.2 | 12.3 | 12.5 | 12.6 | 11.5 | 10.3 | 12.6 | 2.3 |
| 6/9/2009 | 12.6 | 12.6 | 12.5 | 12.4 | 12.2 | 12.0 | 11.7 | 11.4 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.5 | 10.6 | 10.8 | 11.1 | 11.4 | 11.8 | 12.1 | 12.3 | 12.4 | 12.5 | 12.6 | 11.7 | 10.5 | 12.6 | 2.2 |
| 6/10/2009 | 12.7 | 12.7 | 12.7 | 12.6 | 12.4 | 12.2 | 11.9 | 11.7 | 11.4 | 11.2 | 11.1 | 10.9 | 10.9 | 11.0 | 11.1 | 11.2 | 11.5 | 11.8 | 12.1 | 12.4 | 12.6 | 12.7 | 12.8 | 12.8 | 11.9 | 10.9 | 12.8 | 1.9 |
| 6/11/2009 | 12.8 | 12.8 | 12.7 | 12.6 | 12.4 | 12.2 | 11.9 | 11.7 | 11.4 | 11.2 | 11.0 | 10.8 | 10.7 | 10.7 | 10.8 | 11.0 | 11.2 | 11.4 | 11.7 | 12.0 | 12.1 | 12.3 | 12.3 | 12.4 | 11.8 | 10.7 | 12.8 | 2.1 |
| 6/12/2009 | 12.4 | 12.4 | 12.4 | 12.3 | 12.1 | 12.0 | 11.8 | 11.6 | 11.5 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.9 | 11.0 | 11.1 | 11.3 | 11.5 | 11.8 | 12.0 | 12.1 | 12.2 | 12.3 | 11.7 | 10.8 | 12.4 | 1.6 |
| 6/13/2009 | 12.4 | 12.5 | 12.5 | 12.5 | 12.4 | 12.3 | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.3 | 11.2 | 11.2 | 11.2 | 11.3 | 11.5 | 11.7 | 11.9 | 12.1 | 12.2 | 12.4 | 12.4 | 12.5 | 11.9 | 11.2 | 12.5 | 1.3 |
| 6/14/2009 | 12.5 | 12.5 | 12.4 | 12.3 | 12.1 | 11.9 | 11.7 | 11.5 | 11.3 | 11.1 | 11.0 | 10.9 | 10.9 | 10.9 | 11.0 | 11.2 | 11.3 | 11.5 | 11.7 | 12.0 | 12.2 | 12.3 | 12.3 | 12.4 | 11.7 | 10.9 | 12.5 | 1.6 |
| 6/15/2009 | 12.5 | 12.5 | 12.6 | 12.5 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.6 | 11.6 | 11.5 | 11.5 | 11.6 | 11.7 | 11.9 | 12.0 | 12.3 | 12.4 | 12.5 | 12.6 | 12.1 | 11.5 | 12.6 | 1.1 |
| 6/16/2009 | 12.7 | 12.7 | 12.8 | 12.8 | 12.8 | 12.9 | 12.8 | 12.8 | 12.8 | 12.8 | 12.7 | 12.7 | 12.7 | 12.6 | 12.6 | 12.6 | 12.7 | 12.8 | 13.0 | 13.1 | 13.3 | 13.5 | 13.6 | 13.7 | 12.9 | 12.6 | 13.7 | 1.1 |
| 6/17/2009 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.2 | 13.2 | 13.3 | 13.5 | 13.7 | 13.9 | 14.1 | 14.2 | 14.3 | 13.6 | 13.1 | 14.3 | 1.2 |
| 6/18/2009 | 14.4 | 14.4 | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.4 | 14.3 | 14.2 | 14.2 | 14.1 | 13.9 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 | 14.0 | 14.1 | 14.3 | 14.6 | 14.7 | 14.8 | 14.3 | 13.8 | 14.8 | 1.0 |
| 6/19/2009 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.8 | 14.8 | 14.7 | 14.5 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 13.7 | 13.8 | 13.9 | 13.9 | 14.0 | 14.3 | 14.4 | 14.5 | 14.6 | 14.4 | 13.7 | 14.9 | 1.2 |
| 6/20/2009 | 14.6 | 14.6 | 14.5 | 14.5 | 14.5 | 14.4 | 14.3 | 14.1 | 14.0 | 13.9 | 13.8 | 13.6 | 13.4 | 13.2 | 13.1 | 13.0 | 13.1 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.0 | 14.6 | 1.6 |
| 6/21/2009 | 13.7 | 13.7 | 13.7 | 13.6 | 13.5 | 13.5 | 13.4 | 13.2 | 13.1 | 13.1 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.6 | 12.6 | 12.6 | 12.8 | 13.0 | 13.2 | 13.3 | 13.4 | 13.1 | 12.6 | 13.7 | 1.1 |
| 6/22/2009 | 13.5 | 13.6 | 13.6 | 13.6 | 13.6 | 13.5 | 13.4 | 13.3 | 13.3 | 13.5 | 13.9 | 13.8 | 13.7 | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 | 13.3 | 13.2 | 13.2 | 13.3 | 13.3 | 13.3 | 13.5 | 13.2 | 13.9 | 0.7 |
| 6/23/2009 | 13.3 | 13.2 | 13.2 | 13.1 | 13.0 | 12.8 | 12.7 | 12.6 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.5 | 12.4 | 12.4 | 12.4 | 12.5 | 12.5 | 12.6 | 12.8 | 12.8 | 12.8 | 12.8 | 12.7 | 12.4 | 13.3 | 0.9 |
| 6/24/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/25/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/26/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/27/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/28/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/29/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/30/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.4 | Minimum | 9.0 |
| Mean Daily Mean | 11.9 | Mean Minimum | 11.2 |
| Maximum Daily Mean | 14.4 | | |
| | | Maximum | 14.9 |
| Minumum Range | 0.7 | Mean Maximum | 12.7 |
| Maximum Range | 2.9 | | |
| | | Mean Range | 1.5 |
| # of Days <= 20 (ºC) | 23 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/2/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/3/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/4/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/5/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/6/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/7/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/8/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/9/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/10/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/11/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/12/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/13/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/14/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/15/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/16/2009 | 11.8 | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 12.0 | 12.0 | 12.1 | 12.4 | 12.6 | 12.7 | 12.8 | 12.8 | 12.8 | 12.6 | 12.3 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 12.1 | 11.8 | 12.8 | 1.0 |
| 7/17/2009 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 12.1 | 12.4 | 12.7 | 13.0 | 13.1 | 13.1 | 13.0 | 12.8 | 12.5 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.2 | 11.8 | 13.1 | 1.3 |
| 7/18/2009 | 12.0 | 12.0 | 12.1 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.3 | 12.4 | 12.7 | 12.9 | 13.1 | 13.2 | 13.2 | 13.1 | 12.9 | 12.6 | 12.4 | 12.2 | 12.2 | 12.2 | 12.1 | 12.1 | 12.4 | 12.0 | 13.2 | 1.2 |
| 7/19/2009 | 12.1 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.4 | 12.7 | 13.0 | 13.3 | 13.1 | 13.3 | 13.2 | 13.0 | 12.8 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.5 | 12.1 | 13.3 | 1.2 |
| 7/20/2009 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.4 | 12.5 | 12.8 | 13.1 | 13.3 | 13.4 | 13.3 | 13.3 | 13.0 | 12.7 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.6 | 12.2 | 13.4 | 1.2 |
| 7/21/2009 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.4 | 12.4 | 12.4 | 12.4 | 12.5 | 12.7 | 13.0 | 13.2 | 14.5 | 13.6 | 13.2 | 13.0 | 12.7 | 12.4 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.6 | 12.1 | 14.5 | 2.4 |
| 7/22/2009 | 12.1 | 12.1 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.7 | 12.9 | 13.0 | 13.2 | 13.3 | 13.2 | 13.1 | 12.9 | 12.6 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.5 | 12.0 | 13.3 | 1.3 |
| 7/23/2009 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.3 | 12.7 | 12.9 | 13.0 | 13.2 | 13.3 | 13.3 | 13.2 | 13.0 | 12.7 | 12.4 | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.5 | 12.1 | 13.3 | 1.2 |
| 7/24/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.7 | 12.9 | 13.1 | 13.3 | 13.4 | 13.4 | 13.3 | 13.1 | 12.8 | 12.5 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.6 | 12.1 | 13.4 | 1.3 |
| 7/25/2009 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.7 | 12.9 | 13.1 | 13.3 | 13.5 | 13.5 | 13.3 | 13.1 | 12.8 | 12.5 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.6 | 12.2 | 13.5 | 1.3 |
| 7/26/2009 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.4 | 12.4 | 12.4 | 12.4 | 12.8 | 13.0 | 13.0 | 13.3 | 13.4 | 13.4 | 13.3 | 13.1 | 12.8 | 12.5 | 12.3 | 12.3 | 12.2 | 12.2 | 12.2 | 12.6 | 12.2 | 13.4 | 1.2 |
| 7/27/2009 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.7 | 12.9 | 13.0 | 13.3 | 13.4 | 13.4 | 13.3 | 13.1 | 12.8 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.6 | 12.2 | 13.4 | 1.2 |
| 7/28/2009 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.4 | 12.7 | 13.0 | 13.1 | 13.3 | 13.5 | 13.5 | 13.4 | 13.2 | 12.9 | 12.7 | 12.5 | 12.5 | 12.4 | 12.4 | 12.4 | 12.7 | 12.2 | 13.5 | 1.3 |
| 7/29/2009 | 12.4 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 13.0 | 13.1 | 13.2 | 13.5 | 13.6 | 13.6 | 13.5 | 13.4 | 13.1 | 12.8 | 12.7 | 12.6 | 12.6 | 12.6 | 12.6 | 12.9 | 12.4 | 13.6 | 1.2 |
| 7/30/2009 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 13.0 | 13.1 | 13.3 | 13.5 | 13.6 | 13.6 | 13.5 | 13.3 | 13.0 | 12.7 | 12.6 | 12.5 | 12.5 | 12.5 | 12.5 | 12.9 | 12.5 | 13.6 | 1.1 |
| 7/31/2009 | 12.5 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.9 | 13.2 | 13.3 | 13.5 | 13.7 | 13.7 | 13.5 | 13.3 | 13.0 | 12.7 | 12.6 | 12.5 | 12.5 | 12.5 | 12.5 | 12.9 | 12.5 | 13.7 | 1.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.1 | Minimum | 11.8 |
| Mean Daily Mean | 12.6 | Mean Minimum | 12.2 |
| Maximum Daily Mean | 12.9 | | |
| | | Maximum | 14.5 |
| Minumum Range | 1.0 | Mean Maximum | 13.4 |
| Maximum Range | 2.4 | | |
| | | Mean Range | 1.3 |
| # of Days <= 20 (ºC) | 16 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 12.5 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.8 | 13.0 | 13.2 | 13.3 | 13.3 | 13.2 | 13.0 | 12.8 | 12.5 | 12.4 | 12.4 | 12.3 | 12.3 | 12.2 | 12.7 | 12.2 | 13.3 | 1.1 |
| 8/2/2009 | 12.3 | 12.3 | 12.3 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.5 | 12.5 | 12.7 | 13.0 | 13.3 | 13.4 | 13.4 | 13.3 | 13.1 | 12.8 | 12.6 | 12.4 | 12.4 | 12.3 | 12.3 | 12.3 | 12.6 | 12.3 | 13.4 | 1.1 |
| 8/3/2009 | 12.3 | 12.3 | 12.4 | 12.4 | 12.4 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.7 | 13.0 | 13.3 | 13.3 | 13.3 | 13.2 | 13.0 | 12.8 | 12.5 | 12.4 | 12.3 | 12.3 | 12.3 | 12.3 | 12.6 | 12.3 | 13.3 | 1.0 |
| 8/4/2009 | 12.3 | 12.3 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 12.9 | 13.1 | 13.2 | 13.3 | 13.2 | 13.1 | 12.8 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.6 | 12.2 | 13.3 | 1.1 |
| 8/5/2009 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.5 | 12.8 | 13.0 | 13.3 | 13.4 | 13.3 | 13.1 | 12.7 | 12.3 | 12.2 | 12.0 | 12.0 | 12.0 | 11.9 | 12.4 | 11.9 | 13.4 | 1.5 |
| 8/6/2009 | 11.9 | 11.9 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.1 | 12.1 | 12.1 | 12.2 | 12.4 | 12.5 | 12.6 | 12.7 | 12.5 | 12.3 | 11.9 | 11.9 | 11.7 | 11.7 | 11.7 | 11.7 | 12.1 | 11.7 | 12.7 | 1.0 |
| 8/7/2009 | 11.7 | 11.7 | 11.6 | 11.6 | 11.6 | 11.6 | 11.5 | 11.5 | 11.5 | 11.5 | 11.8 | 12.0 | 12.3 | 12.5 | 12.6 | 12.5 | 12.3 | 12.0 | 11.7 | 11.5 | 11.5 | 11.4 | 11.4 | 11.3 | 11.8 | 11.3 | 12.6 | 1.3 |
| 8/8/2009 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.4 | 11.4 | 11.4 | 11.5 | 11.5 | 11.8 | 12.2 | 12.5 | 12.8 | 12.8 | 12.8 | 12.6 | 12.3 | 11.9 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.8 | 11.3 | 12.8 | 1.5 |
| 8/9/2009 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.6 | 11.7 | 12.0 | 12.4 | 12.8 | 13.0 | 13.1 | 13.0 | 12.8 | 12.5 | 12.2 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 12.0 | 11.5 | 13.1 | 1.6 |
| 8/10/2009 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 11.9 | 12.2 | 12.7 | 13.0 | 13.3 | 13.4 | 13.4 | 13.1 | 12.8 | 12.5 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.3 | 11.8 | 13.4 | 1.6 |
| 8/11/2009 | 12.0 | 12.0 | 12.0 | 12.0 | 12.1 | 12.1 | 12.1 | 12.1 | 12.2 | 12.3 | 12.5 | 12.9 | 13.2 | 13.5 | 13.6 | 13.5 | 13.3 | 13.0 | 12.6 | 12.4 | 12.3 | 12.2 | 12.2 | 12.2 | 12.5 | 12.0 | 13.6 | 1.6 |
| 8/12/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.5 | 12.9 | 13.2 | 13.5 | 13.6 | 13.5 | 13.3 | 12.9 | 12.6 | 12.3 | 12.2 | 12.1 | 12.1 | 12.0 | 12.5 | 12.0 | 13.6 | 1.6 |
| 8/13/2009 | 12.0 | 12.0 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 12.0 | 12.0 | 12.1 | 12.4 | 12.9 | 13.2 | 13.4 | 13.5 | 13.5 | 13.3 | 13.0 | 12.6 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.4 | 11.9 | 13.5 | 1.6 |
| 8/14/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.1 | 12.4 | 12.9 | 13.2 | 13.5 | 13.7 | 13.7 | 13.5 | 13.2 | 12.9 | 12.7 | 12.6 | 12.6 | 12.5 | 12.5 | 12.6 | 12.0 | 13.7 | 1.7 |
| 8/15/2009 | 12.5 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 13.0 | 13.3 | 13.4 | 13.4 | 13.3 | 13.1 | 12.7 | 12.3 | 12.1 | 12.0 | 11.9 | 11.9 | 11.8 | 12.5 | 11.8 | 13.4 | 1.6 |
| 8/16/2009 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 12.2 | 12.6 | 12.9 | 13.1 | 13.2 | 13.2 | 13.0 | 12.6 | 12.3 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 12.2 | 11.8 | 13.2 | 1.4 |
| 8/17/2009 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.8 | 12.1 | 12.5 | 12.9 | 13.2 | 13.3 | 13.3 | 13.0 | 12.7 | 12.3 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 12.2 | 11.7 | 13.3 | 1.6 |
| 8/18/2009 | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 11.9 | 12.2 | 12.7 | 13.1 | 13.3 | 13.5 | 13.5 | 13.2 | 12.9 | 12.5 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.4 | 11.8 | 13.5 | 1.7 |
| 8/19/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.0 | 12.1 | 12.1 | 12.2 | 12.4 | 12.9 | 13.3 | 13.6 | 13.7 | 13.6 | 13.4 | 13.1 | 12.7 | 12.5 | 12.4 | 12.4 | 12.3 | 12.3 | 12.6 | 12.0 | 13.7 | 1.7 |
| 8/20/2009 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.4 | 12.6 | 13.1 | 13.5 | 13.8 | 13.9 | 13.8 | 13.6 | 13.3 | 12.9 | 12.7 | 12.6 | 12.5 | 12.5 | 12.5 | 12.8 | 12.3 | 13.9 | 1.6 |
| 8/21/2009 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.6 | 12.8 | 13.3 | 13.6 | 13.9 | 14.0 | 13.9 | 13.7 | 13.3 | 12.9 | 12.7 | 12.7 | 12.6 | 12.6 | 12.5 | 12.9 | 12.5 | 14.0 | 1.5 |
| 8/22/2009 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.8 | 13.2 | 13.6 | 13.6 | 13.3 | 13.3 | 13.2 | 13.0 | 12.8 | 12.7 | 12.6 | 12.6 | 12.6 | 12.5 | 12.8 | 12.5 | 13.6 | 1.1 |
| 8/23/2009 | 12.6 | 12.5 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.8 | 13.0 | 13.2 | 13.5 | 13.8 | 13.8 | 13.6 | 13.1 | 12.9 | 12.7 | 12.6 | 12.5 | 12.5 | 12.5 | 12.9 | 12.5 | 13.8 | 1.3 |
| 8/24/2009 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 13.1 | 13.4 | 13.7 | 13.8 | 13.7 | 13.5 | 13.1 | 12.7 | 12.6 | 12.5 | 12.4 | 12.4 | 12.4 | 12.8 | 12.4 | 13.8 | 1.4 |
| 8/25/2009 | 12.3 | 12.3 | 12.3 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.6 | 13.1 | 13.4 | 13.7 | 13.7 | 14.4 | 13.4 | 13.0 | 12.7 | 12.5 | 12.4 | 12.3 | 12.3 | 12.2 | 12.7 | 12.2 | 14.4 | 2.2 |
| 8/26/2009 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.5 | 13.0 | 13.4 | 13.6 | 13.6 | 13.5 | 13.3 | 12.9 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.6 | 12.1 | 13.6 | 1.5 |
| 8/27/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.4 | 12.9 | 13.3 | 13.5 | 13.6 | 13.5 | 13.3 | 12.9 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 12.5 | 12.1 | 13.6 | 1.5 |
| 8/28/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 13.0 | 13.4 | 13.4 | 13.0 | 12.9 | 12.8 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.2 | 12.5 | 12.1 | 13.4 | 1.3 |
| 8/29/2009 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.2 | 12.2 | 12.3 | 12.8 | 13.2 | 13.5 | 13.6 | 13.6 | 13.3 | 13.0 | 12.6 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.5 | 12.1 | 13.6 | 1.5 |
| 8/30/2009 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.4 | 13.0 | 13.5 | 13.7 | 13.8 | 13.8 | 13.6 | 13.2 | 12.9 | 12.7 | 12.6 | 12.6 | 12.5 | 12.5 | 12.7 | 12.2 | 13.8 | 1.6 |
| 8/31/2009 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.9 | 13.3 | 13.7 | 13.8 | 14.0 | 13.9 | 13.7 | 13.3 | 13.0 | 12.9 | 12.8 | 12.7 | 12.7 | 12.7 | 13.0 | 12.5 | 14.0 | 1.5 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 11.8 | Minimum | 11.3 |
| Mean Daily Mean | 12.5 | Mean Minimum | 12.0 |
| Maximum Daily Mean | 13.0 | | |
| | | Maximum | 14.4 |
| Minumum Range | 1.0 | Mean Maximum | 13.5 |
| Maximum Range | 2.2 | | |
| | | Mean Range | 1.5 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.9 | 13.3 | 13.7 | 14.0 | 14.1 | 14.0 | 13.8 | 13.5 | 13.1 | 13.0 | 12.9 | 12.8 | 12.8 | 12.7 | 13.0 | 12.6 | 14.1 | 1.5 |
| 9/2/2009 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.8 | 13.3 | 13.7 | 13.9 | 13.6 | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13.1 | 12.6 | 13.9 | 1.3 |
| 9/3/2009 | 13.1 | 13.1 | 13.1 | 13.1 | 13.0 | 13.0 | 12.9 | 12.9 | 12.9 | 12.9 | 13.0 | 13.4 | 13.8 | 14.0 | 14.1 | 14.0 | 13.8 | 13.5 | 13.1 | 12.9 | 12.8 | 12.8 | 12.8 | 12.7 | 13.2 | 12.7 | 14.1 | 1.4 |
| 9/4/2009 | 12.7 | 12.7 | 12.7 | 12.7 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.8 | 13.2 | 13.7 | 13.9 | 14.0 | 14.0 | 13.8 | 13.5 | 13.1 | 12.9 | 12.9 | 12.8 | 12.8 | 12.8 | 13.0 | 12.6 | 14.0 | 1.4 |
| 9/5/2009 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.8 | 13.2 | 13.6 | 13.8 | 13.9 | 13.9 | 13.6 | 13.3 | 12.9 | 12.8 | 12.7 | 12.7 | 12.7 | 12.6 | 13.0 | 12.6 | 13.9 | 1.3 |
| 9/6/2009 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 13.1 | 13.5 | 13.8 | 13.9 | 13.8 | 13.6 | 13.2 | 12.9 | 12.7 | 12.7 | 12.6 | 12.6 | 12.5 | 12.9 | 12.5 | 13.9 | 1.4 |
| 9/7/2009 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 13.0 | 13.4 | 13.7 | 13.8 | 13.7 | 13.5 | 13.1 | 12.8 | 12.6 | 12.5 | 12.5 | 12.5 | 12.4 | 12.8 | 12.4 | 13.8 | 1.4 |
| 9/8/2009 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.5 | 12.9 | 13.3 | 13.6 | 13.7 | 13.7 | 13.4 | 13.1 | 12.8 | 12.6 | 12.5 | 12.5 | 12.4 | 12.4 | 12.7 | 12.4 | 13.7 | 1.3 |
| 9/9/2009 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.5 | 12.5 | 12.6 | 12.9 | 13.5 | 13.8 | 13.9 | 13.8 | 13.6 | 13.3 | 12.9 | 12.8 | 12.7 | 12.7 | 12.6 | 12.6 | 12.8 | 12.4 | 13.9 | 1.5 |
| 9/10/2009 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.8 | 13.1 | 13.6 | 13.9 | 14.0 | 14.0 | 13.7 | 13.4 | 13.1 | 12.9 | 12.8 | 12.8 | 12.8 | 12.7 | 13.0 | 12.6 | 14.0 | 1.4 |
| 9/11/2009 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.8 | 12.8 | 13.2 | 13.7 | 14.0 | 14.2 | 14.1 | 13.9 | 13.5 | 13.3 | 13.2 | 13.1 | 13.0 | 13.0 | 13.0 | 13.1 | 12.7 | 14.2 | 1.5 |
| 9/12/2009 | 13.0 | 12.9 | 12.9 | 12.9 | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.1 | 13.4 | 13.4 | 13.3 | 13.4 | 13.4 | 13.5 | 13.4 | 13.2 | 13.1 | 13.0 | 13.0 | 13.0 | 12.9 | 13.1 | 12.9 | 13.5 | 0.6 |
| 9/13/2009 | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 13.1 | 13.5 | 13.6 | 13.8 | 13.6 | 13.5 | 13.1 | 13.0 | 12.8 | 12.8 | 12.7 | 12.7 | 12.7 | 13.0 | 12.7 | 13.8 | 1.1 |
| 9/14/2009 | 12.7 | 12.7 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.9 | 13.0 | 13.1 | 13.3 | 13.1 | 13.2 | 13.1 | 13.0 | 12.8 | 12.7 | 12.6 | 12.6 | 12.5 | 12.5 | 12.8 | 12.5 | 13.3 | 0.8 |
| 9/15/2009 | 12.5 | 12.5 | 12.5 | 12.5 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.7 | 13.2 | 13.5 | 13.6 | 13.5 | 13.3 | 13.0 | 12.6 | 12.5 | 12.4 | 12.4 | 12.4 | 12.3 | 12.7 | 12.3 | 13.6 | 1.3 |
| 9/16/2009 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 | 12.4 | 12.5 | 12.8 | 13.3 | 13.7 | 13.9 | 13.8 | 13.6 | 13.3 | 13.0 | 12.8 | 12.8 | 12.7 | 12.7 | 12.7 | 12.8 | 12.3 | 13.9 | 1.6 |
| 9/17/2009 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.8 | 13.1 | 13.6 | 13.9 | 14.0 | 14.1 | 13.9 | 13.5 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.9 | 13.1 | 12.6 | 14.1 | 1.5 |
| 9/18/2009 | 12.9 | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.3 | 13.8 | 14.2 | 14.4 | 14.3 | 14.1 | 13.8 | 13.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.1 | 13.3 | 12.9 | 14.4 | 1.5 |
| 9/19/2009 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.2 | 13.2 | 13.3 | 13.5 | 13.9 | 14.2 | 14.4 | 14.4 | 14.2 | 13.8 | 13.5 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.4 | 13.1 | 14.4 | 1.3 |
| 9/20/2009 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.2 | 13.4 | 13.9 | 14.3 | 14.4 | 14.3 | 14.1 | 13.8 | 13.4 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 | 13.4 | 13.1 | 14.4 | 1.3 |
| 9/21/2009 | 13.1 | 13.1 | 13.1 | 13.0 | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.4 | 13.9 | 14.3 | 14.4 | 14.4 | 14.1 | 13.8 | 13.4 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.4 | 13.0 | 14.4 | 1.4 |
| 9/22/2009 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 12.9 | 12.9 | 13.0 | 13.1 | 13.3 | 13.9 | 14.3 | 14.5 | 14.4 | 14.2 | 13.9 | 13.6 | 13.4 | 13.4 | 13.3 | 13.3 | 13.2 | 13.4 | 12.9 | 14.5 | 1.6 |
| 9/23/2009 | 13.2 | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.2 | 13.4 | 13.9 | 14.3 | 14.4 | 14.3 | 14.1 | 13.7 | 13.4 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 | 13.4 | 13.1 | 14.4 | 1.3 |
| 9/24/2009 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.1 | 13.3 | 13.8 | 14.1 | 14.3 | 14.2 | 14.0 | 13.6 | 13.3 | 13.1 | 13.1 | 13.0 | 13.0 | 13.0 | 13.3 | 13.0 | 14.3 | 1.3 |
| 9/25/2009 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 13.0 | 13.2 | 13.7 | 14.1 | 14.3 | 14.2 | 13.9 | 13.6 | 13.3 | 13.2 | 13.1 | 13.0 | 13.0 | 13.0 | 13.2 | 12.9 | 14.3 | 1.4 |
| 9/26/2009 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 12.8 | 12.8 | 12.9 | 13.0 | 13.2 | 13.7 | 14.1 | 14.3 | 14.2 | 14.0 | 13.6 | 13.3 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0 | 13.2 | 12.8 | 14.3 | 1.5 |
| 9/27/2009 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 13.0 | 13.0 | 13.0 | 13.2 | 13.7 | 14.1 | 14.3 | 14.2 | 14.0 | 13.6 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 | 13.1 | 13.3 | 12.9 | 14.3 | 1.4 |
| 9/28/2009 | 13.1 | 13.0 | 13.0 | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.3 | 13.7 | 14.0 | 13.9 | 9.4 | 13.7 | 13.5 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 | 13.1 | 13.1 | 9.4 | 14.0 | 4.5 |
| 9/29/2009 | 13.1 | 13.1 | 13.1 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.1 | 13.0 | 13.1 | 13.1 | 13.2 | 13.3 | 13.2 | 13.3 | 13.0 | 12.8 | 12.7 | 12.7 | 12.6 | 12.5 | 12.5 | 13.0 | 12.5 | 13.3 | 0.8 |
| 9/30/2009 | 12.4 | 12.3 | 12.3 | 12.2 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 12.1 | 12.3 | 12.6 | 12.9 | 13.0 | 12.9 | 12.5 | 12.2 | 11.9 | 11.8 | 11.7 | 11.6 | 11.6 | 11.6 | 12.2 | 11.6 | 13.0 | 1.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.2 | Minimum | 9.4 |
| Mean Daily Mean | 13.1 | Mean Minimum | 12.6 |
| Maximum Daily Mean | 13.4 | | |
| | | Maximum | 14.5 |
| Minumum Range | 0.6 | Mean Maximum | 14.0 |
| Maximum Range | 4.5 | | |
| | | Mean Range | 1.4 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River at Electra Diversion Dam**
**Station NFMR5**
**Hourly Temperature Recording (ºC)**
**April 2008**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 7.2 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 7.1 | 7.2 | 7.4 | 7.7 | 8.0 | 8.4 | 8.8 | 9.1 | 9.0 | 8.8 | 8.4 | 8.0 | 7.7 | 7.6 | 7.7 | 7.0 | 9.1 | 2.1 |
| 4/2/2009 | 7.6 | 7.7 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 8.1 | 8.3 | 8.7 | 9.0 | 9.4 | 9.7 | 9.9 | 9.9 | 9.8 | 9.4 | 8.9 | 8.4 | 7.6 | 9.9 | 2.3 |
| 4/3/2009 | 8.6 | 8.4 | 8.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.9 | 8.1 | 8.2 | 8.4 | 8.7 | 9.0 | 9.3 | 9.5 | 9.5 | 9.2 | 8.8 | 8.3 | 8.4 | 7.9 | 9.5 | 1.6 |
| 4/4/2009 | 7.8 | 7.5 | 7.3 | 7.2 | 7.1 | 7.1 | 7.0 | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 7.2 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5 | 8.7 | 8.7 | 8.4 | 7.8 | 7.1 | 7.5 | 6.9 | 8.7 | 1.8 |
| 4/5/2009 | 6.6 | 6.5 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.6 | 6.6 | 6.8 | 7.2 | 7.5 | 8.0 | 8.4 | 8.6 | 8.5 | 8.1 | 7.7 | 7.3 | 7.1 | 7.1 | 7.1 | 6.4 | 8.6 | 2.2 |
| 4/6/2009 | 7.1 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.3 | 7.5 | 7.9 | 8.2 | 8.7 | 9.0 | 9.2 | 9.1 | 8.8 | 8.4 | 8.1 | 7.7 | 7.6 | 7.8 | 7.1 | 9.2 | 2.1 |
| 4/7/2009 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.9 | 8.0 | 8.4 | 8.8 | 9.2 | 9.3 | 9.1 | 8.8 | 8.3 | 7.9 | 7.7 | 7.7 | 7.7 | 8.1 | 7.7 | 9.3 | 1.6 |
| 4/8/2009 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.4 | 7.5 | 7.5 | 7.6 | 7.7 | 7.7 | 7.7 | 7.6 | 7.6 | 7.3 | 7.1 | 6.9 | 6.7 | 7.5 | 6.7 | 7.8 | 1.1 |
| 4/9/2009 | 6.6 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.5 | 6.3 | 6.6 | 0.3 |
| 4/10/2009 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.5 | 6.7 | 6.8 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.3 | 6.9 | 0.6 |
| 4/11/2009 | 6.4 | 6.4 | 6.4 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.3 | 6.4 | 6.6 | 6.9 | 7.2 | 7.7 | 8.0 | 8.4 | 8.5 | 8.4 | 8.2 | 7.9 | 7.7 | 7.4 | 7.0 | 6.2 | 8.5 | 2.3 |
| 4/12/2009 | 7.3 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.6 | 7.9 | 8.3 | 8.7 | 9.2 | 9.7 | 9.8 | 9.6 | 9.2 | 8.6 | 8.2 | 8.0 | 8.0 | 7.2 | 9.8 | 2.6 |
| 4/13/2009 | 8.0 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.2 | 8.2 | 8.1 | 8.2 | 8.2 | 8.3 | 8.6 | 8.9 | 9.3 | 9.8 | 10.1 | 10.1 | 9.9 | 9.6 | 9.2 | 8.9 | 8.7 | 8.6 | 8.7 | 8.0 | 10.1 | 2.1 |
| 4/14/2009 | 8.7 | 8.7 | 8.8 | 8.8 | 8.8 | 8.7 | 8.7 | 8.6 | 8.6 | 8.6 | 8.7 | 8.7 | 8.8 | 8.9 | 9.1 | 9.2 | 9.2 | 9.2 | 9.1 | 8.9 | 8.6 | 8.4 | 8.1 | 8.0 | 8.7 | 8.0 | 9.2 | 1.2 |
| 4/15/2009 | 7.9 | 7.8 | 7.7 | 7.6 | 7.4 | 7.3 | 7.2 | 7.0 | 6.9 | 6.8 | 6.8 | 6.8 | 6.9 | 7.1 | 7.4 | 7.6 | 7.9 | 8.2 | 8.2 | 7.8 | 7.5 | 7.2 | 6.9 | 6.6 | 7.4 | 6.6 | 8.2 | 1.5 |
| 4/16/2009 | 6.4 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.3 | 6.6 | 6.9 | 7.2 | 7.7 | 8.1 | 8.5 | 8.7 | 8.6 | 8.3 | 7.8 | 7.3 | 7.0 | 6.2 | 8.7 | 2.5 |
| 4/17/2009 | 7.0 | 6.8 | 6.7 | 6.8 | 6.8 | 6.9 | 7.0 | 7.0 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.7 | 8.1 | 8.4 | 8.9 | 9.5 | 9.8 | 10.0 | 9.8 | 9.4 | 8.9 | 8.4 | 7.9 | 6.7 | 10.0 | 3.3 |
| 4/18/2009 | 8.1 | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.4 | 8.6 | 9.0 | 9.4 | 9.9 | 10.5 | 11.0 | 11.0 | 10.6 | 10.0 | 9.5 | 9.1 | 9.0 | 9.0 | 7.9 | 11.0 | 3.1 |
| 4/19/2009 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.3 | 9.5 | 9.8 | 10.2 | 10.7 | 11.2 | 11.7 | 11.7 | 11.5 | 11.1 | 10.7 | 10.2 | 9.8 | 9.7 | 10.0 | 9.0 | 11.7 | 2.7 |
| 4/20/2009 | 9.8 | 9.8 | 9.9 | 9.9 | 9.9 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 | 9.8 | 10.0 | 10.2 | 10.7 | 11.2 | 11.7 | 12.2 | 12.2 | 12.0 | 11.6 | 11.0 | 10.5 | 10.1 | 10.1 | 10.5 | 9.7 | 12.2 | 2.5 |
| 4/21/2009 | 10.1 | 10.2 | 10.2 | 10.3 | 10.2 | 10.2 | 10.1 | 10.0 | 10.0 | 10.1 | 10.3 | 10.6 | 10.9 | 11.2 | 11.2 | 11.2 | 11.1 | 10.9 | 10.7 | 10.5 | 10.2 | 10.1 | 10.1 | 10.1 | 10.4 | 10.0 | 11.2 | 1.2 |
| 4/22/2009 | 10.1 | 10.1 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.6 | 9.7 | 10.0 | 10.3 | 10.8 | 11.1 | 11.3 | 11.2 | 11.0 | 10.6 | 10.2 | 9.8 | 9.6 | 9.6 | 9.6 | 10.1 | 9.5 | 11.3 | 1.8 |
| 4/23/2009 | 9.7 | 9.8 | 9.8 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.6 | 9.9 | 10.2 | 10.5 | 10.8 | 10.9 | 10.5 | 10.2 | 9.8 | 9.6 | 9.5 | 9.3 | 9.2 | 9.2 | 9.8 | 9.2 | 10.9 | 1.7 |
| 4/24/2009 | 9.2 | 9.2 | 9.2 | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.8 | 8.8 | 8.8 | 9.0 | 9.1 | 9.3 | 9.5 | 9.6 | 9.7 | 9.5 | 9.1 | 8.8 | 8.5 | 8.2 | 8.1 | 8.0 | 9.0 | 8.0 | 9.7 | 1.7 |
| 4/25/2009 | 8.0 | 8.0 | 7.9 | 7.8 | 7.6 | 7.4 | 7.3 | 7.1 | 7.0 | 7.0 | 7.1 | 7.3 | 7.5 | 7.9 | 8.3 | 8.5 | 8.6 | 8.6 | 8.4 | 8.1 | 7.7 | 7.5 | 7.4 | 7.4 | 7.7 | 7.0 | 8.6 | 1.6 |
| 4/26/2009 | 7.5 | 7.6 | 7.7 | 7.6 | 7.6 | 7.5 | 7.4 | 7.4 | 7.3 | 7.3 | 7.4 | 7.7 | 7.9 | 8.4 | 8.8 | 9.3 | 9.4 | 9.4 | 9.2 | 8.9 | 8.4 | 8.2 | 8.0 | 8.0 | 8.1 | 7.3 | 9.4 | 2.1 |
| 4/27/2009 | 8.0 | 8.1 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.1 | 8.3 | 8.6 | 9.1 | 9.5 | 10.0 | 10.3 | 10.3 | 10.1 | 9.7 | 9.3 | 9.0 | 8.7 | 8.4 | 8.8 | 8.0 | 10.3 | 2.3 |
| 4/28/2009 | 8.4 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.1 | 8.1 | 8.1 | 8.2 | 8.3 | 8.5 | 8.9 | 9.2 | 9.4 | 9.5 | 9.4 | 9.1 | 8.7 | 8.2 | 7.9 | 7.8 | 7.7 | 8.5 | 7.7 | 9.5 | 1.8 |
| 4/29/2009 | 7.8 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.6 | 7.7 | 7.9 | 8.1 | 8.4 | 8.9 | 9.2 | 9.2 | 9.1 | 8.8 | 8.5 | 8.2 | 8.0 | 7.9 | 7.9 | 7.9 | 8.2 | 7.6 | 9.2 | 1.6 |
| 4/30/2009 | 8.0 | 8.0 | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.9 | 8.0 | 8.3 | 8.5 | 8.8 | 9.2 | 9.2 | 9.2 | 9.0 | 8.7 | 8.5 | 8.3 | 8.2 | 8.3 | 8.4 | 8.3 | 7.8 | 9.2 | 1.4 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 6.5 | Minimum | 6.2 |
| Mean Daily Mean | 8.3 | Mean Minimum | 7.6 |
| Maximum Daily Mean | 10.5 | | |
| | | Maximum | 12.2 |
| Minumum Range | 0.3 | Mean Maximum | 9.5 |
| Maximum Range | 3.3 | | |
| | | Mean Range | 1.9 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River at Electra Diversion Dam**
**Station NFMR5**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 8.5 | 8.5 | 8.6 | 8.6 | 8.6 | 8.5 | 8.6 | 8.6 | 8.6 | 8.6 | 8.8 | 8.9 | 9.1 | 9.3 | 9.3 | 9.2 | 9.0 | 8.8 | 8.7 | 8.6 | 8.6 | 8.6 | 8.6 | 8.7 | 8.7 | 8.5 | 9.3 | 0.8 |
| 5/2/2009 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.6 | 8.7 | 8.6 | 8.2 | 7.8 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.8 | 7.1 | 8.7 | 1.6 |
| 5/3/2009 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.6 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.0 | 8.0 | 8.0 | 7.6 | 7.3 | 8.0 | 0.7 |
| 5/4/2009 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.3 | 7.5 | 7.6 | 7.9 | 8.1 | 8.3 | 8.3 | 8.5 | 8.6 | 8.8 | 8.8 | 8.9 | 7.8 | 7.1 | 8.9 | 1.8 |
| 5/5/2009 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.8 | 8.8 | 8.7 | 8.7 | 8.7 | 8.7 | 8.9 | 9.1 | 9.2 | 9.1 | 9.2 | 9.3 | 9.5 | 9.6 | 9.7 | 9.7 | 9.7 | 9.6 | 9.1 | 8.7 | 9.7 | 1.0 |
| 5/6/2009 | 9.6 | 9.6 | 9.5 | 9.4 | 9.3 | 9.1 | 8.9 | 8.7 | 8.6 | 8.5 | 8.5 | 8.6 | 8.8 | 9.0 | 9.1 | 9.3 | 9.5 | 9.6 | 9.7 | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 | 9.3 | 8.5 | 10.3 | 1.8 |
| 5/7/2009 | 10.3 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.1 | 9.9 | 9.7 | 9.5 | 9.5 | 9.5 | 9.6 | 9.7 | 9.7 | 9.7 | 9.7 | 9.6 | 9.7 | 9.9 | 10.1 | 10.3 | 10.2 | 9.9 | 9.5 | 10.3 | 0.8 |
| 5/8/2009 | 10.2 | 10.1 | 10.1 | 10.0 | 9.9 | 9.8 | 9.6 | 9.3 | 8.9 | 8.8 | 8.7 | 8.7 | 8.8 | 8.9 | 9.1 | 9.3 | 9.4 | 9.7 | 9.9 | 10.1 | 10.3 | 10.3 | 10.3 | 10.2 | 9.6 | 8.7 | 10.3 | 1.6 |
| 5/9/2009 | 10.1 | 10.0 | 9.8 | 9.6 | 9.5 | 9.3 | 9.1 | 8.9 | 8.7 | 8.6 | 8.6 | 8.7 | 8.8 | 8.9 | 9.1 | 9.3 | 9.5 | 9.8 | 10.0 | 10.1 | 10.3 | 10.4 | 10.3 | 10.2 | 9.5 | 8.6 | 10.4 | 1.8 |
| 5/10/2009 | 10.1 | 10.0 | 9.8 | 9.6 | 9.5 | 9.4 | 9.2 | 9.0 | 8.9 | 8.7 | 8.7 | 8.7 | 8.8 | 9.0 | 9.1 | 9.3 | 9.5 | 9.7 | 9.9 | 10.1 | 10.4 | 10.5 | 10.4 | 10.3 | 9.5 | 8.7 | 10.5 | 1.8 |
| 5/11/2009 | 10.2 | 10.1 | 9.9 | 9.7 | 9.5 | 9.4 | 9.2 | 9.0 | 8.9 | 8.7 | 8.7 | 8.7 | 8.8 | 8.9 | 9.2 | 9.4 | 9.5 | 9.8 | 10.0 | 10.2 | 10.4 | 10.4 | 10.3 | 10.2 | 9.5 | 8.7 | 10.4 | 1.7 |
| 5/12/2009 | 10.1 | 9.9 | 9.7 | 9.5 | 9.3 | 9.2 | 9.0 | 8.9 | 8.7 | 8.6 | 8.5 | 8.6 | 8.7 | 8.9 | 9.0 | 9.2 | 9.5 | 9.7 | 9.9 | 10.0 | 10.1 | 10.0 | 9.9 | 9.7 | 9.4 | 8.5 | 10.1 | 1.6 |
| 5/13/2009 | 9.5 | 9.3 | 9.0 | 8.8 | 8.7 | 8.5 | 8.3 | 8.1 | 8.0 | 7.9 | 7.9 | 8.1 | 8.3 | 8.4 | 8.6 | 9.0 | 9.3 | 9.5 | 9.7 | 9.9 | 10.0 | 10.0 | 9.8 | 9.7 | 8.9 | 7.9 | 10.0 | 2.1 |
| 5/14/2009 | 9.5 | 9.3 | 9.1 | 8.9 | 8.9 | 8.7 | 8.6 | 8.5 | 8.3 | 8.3 | 8.4 | 8.6 | 8.8 | 9.0 | 9.3 | 9.6 | 9.9 | 10.1 | 10.3 | 10.5 | 10.6 | 10.5 | 10.4 | 10.3 | 9.4 | 8.3 | 10.6 | 2.3 |
| 5/15/2009 | 10.2 | 9.9 | 9.7 | 9.5 | 9.4 | 9.3 | 9.2 | 9.0 | 8.9 | 8.8 | 8.8 | 9.0 | 9.2 | 9.5 | 9.8 | 10.1 | 10.4 | 10.7 | 11.0 | 11.1 | 11.3 | 11.3 | 11.1 | 11.0 | 9.9 | 8.8 | 11.3 | 2.5 |
| 5/16/2009 | 10.8 | 10.6 | 10.4 | 10.2 | 10.1 | 9.9 | 9.8 | 9.6 | 9.4 | 9.3 | 9.3 | 9.5 | 9.6 | 9.9 | 10.1 | 10.4 | 10.7 | 11.0 | 11.2 | 11.3 | 11.4 | 11.4 | 11.3 | 11.1 | 10.4 | 9.3 | 11.4 | 2.1 |
| 5/17/2009 | 11.0 | 10.8 | 10.5 | 10.3 | 10.2 | 10.1 | 9.9 | 9.7 | 9.5 | 9.4 | 9.4 | 9.6 | 9.8 | 10.0 | 10.2 | 10.5 | 10.7 | 11.0 | 11.2 | 11.3 | 11.4 | 11.5 | 11.3 | 11.2 | 10.4 | 9.4 | 11.5 | 2.1 |
| 5/18/2009 | 11.0 | 10.8 | 10.6 | 10.4 | 10.2 | 10.1 | 9.9 | 9.7 | 9.6 | 9.5 | 9.6 | 9.6 | 9.7 | 9.9 | 10.2 | 10.4 | 10.7 | 11.1 | 11.4 | 11.6 | 11.6 | 11.4 | 11.0 | 10.7 | 10.4 | 9.5 | 11.6 | 2.1 |
| 5/19/2009 | 10.4 | 10.1 | 9.9 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 9.2 | 9.2 | 9.4 | 9.6 | 9.8 | 10.1 | 10.4 | 10.8 | 11.1 | 11.4 | 11.5 | 11.5 | 11.1 | 10.8 | 10.4 | 10.1 | 9.2 | 11.5 | 2.3 |
| 5/20/2009 | 10.0 | 9.8 | 9.5 | 9.3 | 9.2 | 9.0 | 8.9 | 8.8 | 8.7 | 8.7 | 8.8 | 8.9 | 9.1 | 9.4 | 9.7 | 10.1 | 10.4 | 10.7 | 10.9 | 10.9 | 10.9 | 10.7 | 10.4 | 10.1 | 9.7 | 8.7 | 10.9 | 2.2 |
| 5/21/2009 | 9.8 | 9.5 | 9.3 | 9.1 | 9.0 | 8.9 | 8.8 | 8.8 | 8.7 | 8.7 | 8.7 | 8.9 | 9.1 | 9.4 | 9.7 | 10.1 | 10.4 | 10.7 | 10.8 | 10.9 | 10.9 | 10.7 | 10.4 | 10.1 | 9.6 | 8.7 | 10.9 | 2.2 |
| 5/22/2009 | 9.8 | 9.6 | 9.4 | 9.2 | 9.1 | 9.1 | 9.0 | 9.0 | 9.0 | 9.0 | 9.1 | 9.3 | 9.5 | 9.8 | 10.1 | 10.4 | 10.7 | 11.0 | 11.1 | 11.2 | 11.2 | 11.1 | 10.9 | 10.6 | 9.9 | 9.0 | 11.2 | 2.2 |
| 5/23/2009 | 10.3 | 10.0 | 9.7 | 9.5 | 9.4 | 9.3 | 9.2 | 9.2 | 9.2 | 9.2 | 9.2 | 9.4 | 9.6 | 9.9 | 10.2 | 10.5 | 10.8 | 11.0 | 11.3 | 11.5 | 11.6 | 11.5 | 11.3 | 11.1 | 10.2 | 9.2 | 11.6 | 2.4 |
| 5/24/2009 | 10.8 | 10.5 | 10.2 | 9.9 | 9.7 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.4 | 9.6 | 9.7 | 9.9 | 10.1 | 10.4 | 10.7 | 11.1 | 11.3 | 11.5 | 11.5 | 11.5 | 11.3 | 11.1 | 10.3 | 9.3 | 11.5 | 2.2 |
| 5/25/2009 | 10.8 | 10.5 | 10.2 | 9.9 | 9.6 | 9.4 | 9.3 | 9.2 | 9.2 | 9.3 | 9.4 | 9.5 | 9.7 | 9.9 | 10.1 | 10.3 | 10.6 | 10.9 | 11.2 | 11.4 | 11.5 | 11.6 | 11.5 | 11.3 | 10.3 | 9.2 | 11.6 | 2.4 |
| 5/26/2009 | 11.1 | 10.9 | 10.6 | 10.3 | 10.0 | 9.8 | 9.7 | 9.6 | 9.5 | 9.6 | 9.7 | 10.0 | 10.2 | 10.3 | 10.6 | 10.7 | 10.9 | 11.3 | 11.6 | 11.8 | 12.1 | 12.3 | 12.4 | 12.2 | 10.7 | 9.5 | 12.4 | 2.8 |
| 5/27/2009 | 12.0 | 11.8 | 11.6 | 11.3 | 10.9 | 10.6 | 10.4 | 10.2 | 10.1 | 10.1 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.1 | 11.4 | 11.8 | 12.2 | 12.4 | 12.7 | 12.4 | 12.0 | 11.4 | 11.2 | 10.1 | 12.7 | 2.6 |
| 5/28/2009 | 10.8 | 10.4 | 10.1 | 9.9 | 9.7 | 9.6 | 9.5 | 9.5 | 9.4 | 9.4 | 9.5 | 9.7 | 10.0 | 10.3 | 10.6 | 10.9 | 11.1 | 11.5 | 11.6 | 11.5 | 11.2 | 10.9 | 10.6 | 10.3 | 10.3 | 9.4 | 11.6 | 2.2 |
| 5/29/2009 | 10.1 | 9.9 | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.6 | 9.8 | 10.1 | 10.4 | 10.6 | 10.6 | 11.0 | 11.2 | 11.1 | 11.0 | 10.9 | 10.7 | 10.5 | 10.2 | 10.2 | 9.5 | 11.2 | 1.7 |
| 5/30/2009 | 10.1 | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.7 | 9.9 | 10.1 | 10.3 | 10.6 | 10.6 | 10.6 | 11.0 | 11.4 | 11.6 | 11.6 | 11.5 | 11.4 | 11.2 | 11.0 | 10.4 | 9.6 | 11.6 | 2.0 |
| 5/31/2009 | 10.8 | 10.6 | 10.4 | 10.3 | 10.2 | 10.2 | 10.1 | 10.1 | 10.1 | 10.1 | 10.2 | 10.4 | 10.6 | 10.8 | 11.0 | 11.3 | 11.6 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.6 | 12.4 | 11.1 | 10.1 | 12.7 | 2.6 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 7.6 | Minimum | 7.1 |
| Mean Daily Mean | 9.7 | Mean Minimum | 8.9 |
| Maximum Daily Mean | 11.2 | | |
| | | Maximum | 12.7 |
| Minumum Range | 0.7 | Mean Maximum | 10.8 |
| Maximum Range | 2.8 | | |
| | | Mean Range | 1.9 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River at Electra Diversion Dam**
**Station NFMR5**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 12.3 | 12.0 | 11.7 | 11.3 | 11.0 | 10.7 | 10.5 | 10.3 | 10.2 | 10.2 | 10.3 | 10.4 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 11.2 | 11.3 | 11.4 | 11.5 | 11.7 | 11.8 | 11.7 | 11.0 | 10.2 | 12.3 | 2.1 |
| 6/2/2009 | 11.6 | 11.5 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.2 | 10.1 | 10.1 | 10.2 | 10.2 | 10.4 | 10.6 | 10.6 | 10.8 | 10.9 | 11.0 | 11.2 | 11.4 | 11.5 | 11.6 | 11.5 | 10.8 | 10.1 | 11.6 | 1.5 |
| 6/3/2009 | 11.4 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.4 | 10.2 | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 | 10.4 | 10.5 | 10.4 | 10.6 | 10.8 | 11.0 | 11.1 | 11.2 | 11.2 | 11.2 | 11.1 | 10.7 | 10.2 | 11.4 | 1.2 |
| 6/4/2009 | 11.0 | 10.9 | 10.8 | 10.6 | 10.5 | 10.3 | 10.2 | 10.1 | 10.0 | 10.0 | 10.0 | 10.2 | 10.4 | 10.5 | 10.7 | 10.8 | 11.0 | 11.1 | 11.2 | 11.4 | 11.6 | 11.7 | 11.7 | 11.6 | 10.8 | 10.0 | 11.7 | 1.8 |
| 6/5/2009 | 11.5 | 11.3 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.2 | 10.1 | 9.9 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.8 | 9.8 | 10.1 | 9.7 | 11.5 | 1.8 |
| 6/6/2009 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 9.4 | 9.4 | 9.5 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.6 | 9.7 | 9.9 | 10.0 | 10.0 | 10.1 | 10.0 | 9.6 | 9.4 | 10.1 | 0.7 |
| 6/7/2009 | 10.0 | 9.9 | 9.9 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.5 | 9.6 | 9.7 | 10.0 | 10.3 | 10.6 | 10.7 | 10.7 | 10.8 | 11.0 | 11.1 | 11.2 | 11.3 | 11.5 | 11.7 | 11.9 | 10.4 | 9.5 | 11.9 | 2.4 |
| 6/8/2009 | 12.1 | 12.2 | 12.2 | 12.3 | 12.3 | 12.2 | 12.1 | 11.9 | 11.7 | 11.6 | 11.6 | 11.6 | 11.7 | 11.7 | 11.6 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.8 | 12.1 | 12.3 | 12.4 | 11.9 | 11.5 | 12.4 | 0.9 |
| 6/9/2009 | 12.5 | 12.6 | 12.6 | 12.6 | 12.5 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 11.7 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.6 | 11.6 | 11.6 | 11.7 | 11.9 | 12.2 | 12.3 | 12.5 | 12.0 | 11.5 | 12.6 | 1.1 |
| 6/10/2009 | 12.6 | 12.7 | 12.7 | 12.7 | 12.7 | 12.6 | 12.5 | 12.3 | 12.1 | 11.9 | 11.8 | 11.8 | 12.0 | 12.0 | 12.1 | 12.1 | 12.0 | 12.0 | 12.0 | 12.0 | 12.2 | 12.5 | 12.6 | 12.7 | 12.3 | 11.8 | 12.7 | 0.9 |
| 6/11/2009 | 12.8 | 12.8 | 12.8 | 12.8 | 12.7 | 12.6 | 12.4 | 12.2 | 12.1 | 12.0 | 11.9 | 11.9 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.8 | 11.8 | 11.7 | 11.9 | 12.1 | 12.2 | 12.3 | 12.2 | 11.7 | 12.8 | 1.1 |
| 6/12/2009 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.3 | 12.2 | 12.0 | 11.9 | 11.9 | 12.0 | 12.0 | 12.1 | 12.1 | 12.0 | 11.8 | 11.8 | 11.7 | 11.7 | 11.7 | 11.7 | 11.9 | 12.1 | 12.2 | 12.0 | 11.7 | 12.4 | 0.7 |
| 6/13/2009 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 | 12.5 | 12.5 | 12.4 | 12.3 | 12.2 | 12.2 | 12.3 | 12.5 | 12.5 | 12.2 | 12.1 | 12.1 | 12.0 | 12.0 | 12.1 | 12.1 | 12.2 | 12.3 | 12.4 | 12.3 | 12.0 | 12.6 | 0.6 |
| 6/14/2009 | 12.4 | 12.5 | 12.5 | 12.5 | 12.4 | 12.3 | 12.1 | 11.9 | 11.8 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.1 | 12.1 | 11.9 | 12.0 | 12.0 | 11.9 | 11.9 | 12.1 | 12.2 | 12.3 | 12.1 | 11.7 | 12.5 | 0.8 |
| 6/15/2009 | 12.3 | 12.4 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.4 | 12.4 | 12.4 | 12.5 | 12.7 | 12.9 | 13.0 | 12.9 | 12.7 | 12.6 | 12.5 | 12.3 | 12.1 | 12.1 | 12.1 | 12.3 | 12.5 | 12.5 | 12.1 | 13.0 | 0.9 |
| 6/16/2009 | 12.6 | 12.6 | 12.7 | 12.7 | 12.8 | 12.8 | 12.8 | 12.8 | 12.9 | 13.0 | 13.3 | 13.5 | 13.8 | 14.0 | 14.2 | 14.1 | 13.9 | 13.6 | 13.3 | 13.2 | 13.2 | 13.2 | 13.3 | 13.4 | 13.2 | 12.6 | 14.2 | 1.6 |
| 6/17/2009 | 13.5 | 13.6 | 13.7 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 | 13.9 | 14.0 | 14.2 | 14.3 | 14.5 | 14.7 | 14.8 | 14.7 | 14.5 | 14.4 | 14.1 | 13.8 | 13.7 | 13.7 | 13.8 | 13.9 | 14.1 | 13.5 | 14.8 | 1.3 |
| 6/18/2009 | 14.1 | 14.2 | 14.3 | 14.3 | 14.4 | 14.4 | 14.4 | 14.5 | 14.5 | 14.6 | 14.8 | 15.1 | 15.3 | 15.6 | 15.6 | 15.5 | 15.3 | 15.2 | 14.9 | 14.5 | 14.3 | 14.2 | 14.2 | 14.4 | 14.7 | 14.1 | 15.6 | 1.5 |
| 6/19/2009 | 14.6 | 14.7 | 14.7 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.9 | 15.0 | 15.2 | 15.4 | 15.6 | 15.9 | 16.0 | 15.9 | 15.6 | 15.2 | 14.8 | 14.6 | 14.4 | 14.2 | 14.2 | 14.2 | 15.0 | 14.2 | 16.0 | 1.8 |
| 6/20/2009 | 14.3 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.3 | 14.3 | 14.3 | 14.4 | 14.5 | 14.7 | 14.9 | 15.2 | 15.5 | 15.5 | 15.3 | 15.0 | 14.6 | 14.3 | 14.1 | 13.8 | 13.6 | 13.5 | 14.5 | 13.5 | 15.5 | 2.1 |
| 6/21/2009 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 14.1 | 14.4 | 14.9 | 15.2 | 15.5 | 15.4 | 15.1 | 14.7 | 14.2 | 13.7 | 13.2 | 14.0 | 13.2 | 15.5 | 2.3 |
| 6/22/2009 | 12.9 | 12.9 | 12.9 | 12.9 | 13.0 | 13.0 | 13.1 | 13.1 | 13.2 | 13.4 | 13.5 | 13.7 | 13.8 | 14.2 | 14.7 | 15.4 | 15.9 | 16.3 | 16.2 | 15.9 | 15.4 | 14.9 | 14.5 | 14.0 | 14.1 | 12.9 | 16.3 | 3.4 |
| 6/23/2009 | 13.7 | 13.5 | 13.4 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 | 13.1 | 13.2 | 13.4 | 13.5 | 13.4 | 13.8 | 14.2 | 14.7 | 15.0 | 15.4 | 15.5 | 15.2 | 14.7 | 14.2 | 13.7 | 13.3 | 13.9 | 13.1 | 15.5 | 2.4 |
| 6/24/2009 | 13.1 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 13.0 | 13.3 | 13.1 | 15.9 | 13.8 | 14.0 | 14.6 | 15.2 | 15.7 | 16.0 | 16.0 | 15.4 | 14.7 | 14.3 | 13.9 | 14.0 | 12.8 | 16.0 | 3.2 |
| 6/25/2009 | 13.6 | 13.4 | 13.3 | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 13.2 | 13.4 | 13.4 | 13.5 | 13.8 | 14.3 | 14.8 | 15.3 | 15.9 | 16.1 | 16.1 | 15.2 | 14.8 | 14.3 | 13.9 | 14.0 | 13.0 | 16.1 | 3.1 |
| 6/26/2009 | 13.5 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.9 | 12.9 | 12.8 | 13.0 | 13.2 | 13.2 | 13.2 | 13.6 | 13.9 | 14.5 | 15.1 | 15.6 | 15.9 | 15.9 | 15.4 | 14.7 | 14.2 | 13.8 | 13.9 | 12.8 | 15.9 | 3.1 |
| 6/27/2009 | 13.4 | 13.2 | 13.1 | 13.0 | 13.0 | 12.9 | 12.9 | 12.9 | 12.9 | 13.0 | 13.3 | 13.3 | 13.3 | 13.7 | 14.1 | 14.7 | 15.4 | 16.0 | 16.2 | 16.2 | 15.6 | 14.9 | 14.4 | 14.0 | 14.0 | 12.9 | 16.2 | 3.3 |
| 6/28/2009 | 13.7 | 13.5 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.4 | 13.6 | 13.7 | 13.6 | 14.0 | 14.4 | 15.0 | 15.7 | 16.2 | 16.5 | 16.5 | 15.7 | 15.3 | 14.7 | 14.4 | 14.3 | 13.3 | 16.5 | 3.2 |
| 6/29/2009 | 14.0 | 13.8 | 13.7 | 13.6 | 13.6 | 13.6 | 13.6 | 13.6 | 13.5 | 13.6 | 13.9 | 13.9 | 13.9 | 14.3 | 14.6 | 15.2 | 15.8 | 16.2 | 16.5 | 16.4 | 15.8 | 15.2 | 14.7 | 14.3 | 14.5 | 13.5 | 16.5 | 3.0 |
| 6/30/2009 | 14.0 | 13.7 | 13.6 | 13.5 | 13.5 | 13.5 | 13.4 | 13.4 | 13.3 | 13.3 | 13.4 | 13.4 | 13.5 | 13.7 | 13.9 | 14.0 | 14.1 | 14.4 | 14.6 | 14.8 | 14.9 | 14.7 | 14.3 | 13.8 | 13.9 | 13.3 | 14.9 | 1.6 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.6 | Minimum | 9.4 |
| Mean Daily Mean | 12.8 | Mean Minimum | 12.1 |
| Maximum Daily Mean | 15.0 | | |
| | | Maximum | 16.5 |
| Minumum Range | 0.6 | Mean Maximum | 13.9 |
| Maximum Range | 3.4 | | |
| | | Mean Range | 1.8 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River at Electra Diversion Dam**
**Station NFMR5**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 13.3 | 13.1 | 12.9 | 12.8 | 12.8 | 12.7 | 12.7 | 12.6 | 12.6 | 12.8 | 13.0 | 13.2 | 13.0 | 13.2 | 13.6 | 14.1 | 14.6 | 15.2 | 15.5 | 15.6 | 15.6 | 14.8 | 14.4 | 13.9 | 13.7 | 12.6 | 15.6 | 3.0 |
| 7/2/2009 | 13.5 | 13.4 | 13.2 | 13.0 | 13.0 | 12.9 | 12.9 | 12.9 | 12.8 | 13.1 | 13.1 | 13.2 | 13.1 | 13.4 | 13.6 | 14.0 | 14.6 | 15.2 | 15.8 | 16.1 | 16.3 | 16.3 | 15.9 | 15.3 | 14.0 | 12.8 | 16.3 | 3.5 |
| 7/3/2009 | 14.9 | 14.5 | 14.1 | 13.8 | 13.5 | 13.4 | 13.4 | 13.3 | 13.2 | 13.4 | 13.6 | 13.5 | 13.3 | 13.5 | 13.7 | 14.1 | 14.7 | 15.2 | 15.8 | 16.3 | 16.7 | 16.9 | 16.8 | 16.8 | 14.5 | 13.2 | 16.9 | 3.7 |
| 7/4/2009 | 16.7 | 16.4 | 16.1 | 15.7 | 15.2 | 14.8 | 14.4 | 14.1 | 13.8 | 13.8 | 13.8 | 13.7 | 13.4 | 13.6 | 13.7 | 14.1 | 14.4 | 14.9 | 15.5 | 16.0 | 16.4 | 16.6 | 16.9 | 16.8 | 15.0 | 13.4 | 16.9 | 3.4 |
| 7/5/2009 | 16.7 | 16.5 | 16.2 | 15.8 | 15.4 | 14.9 | 14.5 | 14.2 | 13.9 | 13.9 | 13.8 | 13.7 | 13.5 | 13.6 | 13.7 | 14.1 | 14.5 | 14.9 | 15.4 | 15.8 | 16.2 | 16.5 | 16.6 | 16.7 | 15.0 | 13.5 | 16.7 | 3.2 |
| 7/6/2009 | 16.5 | 16.4 | 15.9 | 15.6 | 15.2 | 14.7 | 14.4 | 14.0 | 13.8 | 13.8 | 13.8 | 13.8 | 13.4 | 13.7 | 13.6 | 14.0 | 14.3 | 14.7 | 15.2 | 15.6 | 16.0 | 16.2 | 16.3 | 16.3 | 14.9 | 13.4 | 16.5 | 3.1 |
| 7/7/2009 | 16.3 | 16.0 | 15.6 | 15.2 | 14.9 | 14.5 | 14.1 | 13.8 | 13.5 | 13.5 | 13.5 | 13.4 | 13.0 | 13.3 | 13.2 | 13.5 | 14.0 | 14.4 | 14.8 | 15.3 | 15.6 | 15.9 | 16.0 | 16.0 | 14.5 | 13.0 | 16.3 | 3.3 |
| 7/8/2009 | 15.9 | 15.8 | 15.4 | 15.0 | 14.6 | 14.2 | 13.8 | 13.5 | 13.2 | 13.2 | 13.1 | 13.1 | 12.8 | 13.0 | 12.9 | 13.3 | 13.7 | 14.1 | 14.6 | 15.1 | 15.4 | 15.7 | 15.9 | 15.9 | 14.3 | 12.8 | 15.9 | 3.1 |
| 7/9/2009 | 15.8 | 15.7 | 15.1 | 14.9 | 14.6 | 14.1 | 13.7 | 13.4 | 13.1 | 13.0 | 13.0 | 13.0 | 12.7 | 13.0 | 12.8 | 13.2 | 13.7 | 14.1 | 14.6 | 15.0 | 15.4 | 15.7 | 15.9 | 15.9 | 14.2 | 12.7 | 15.9 | 3.2 |
| 7/10/2009 | 15.8 | 15.7 | 15.3 | 14.9 | 14.5 | 14.1 | 13.7 | 13.4 | 13.1 | 13.1 | 13.0 | 13.1 | 12.7 | 13.0 | 12.9 | 13.4 | 13.6 | 14.0 | 14.5 | 15.0 | 15.3 | 15.7 | 15.8 | 15.7 | 14.2 | 12.7 | 15.8 | 3.1 |
| 7/11/2009 | 15.7 | 15.7 | 15.2 | 14.9 | 14.5 | 14.1 | 13.8 | 13.4 | 13.2 | 13.2 | 13.2 | 13.2 | 12.9 | 13.2 | 13.1 | 13.4 | 13.9 | 14.5 | 14.6 | 14.8 | 15.0 | 15.2 | 15.3 | 15.4 | 14.2 | 12.9 | 15.7 | 2.8 |
| 7/12/2009 | 15.4 | 15.2 | 15.0 | 14.8 | 14.4 | 14.0 | 13.7 | 13.4 | 13.3 | 13.3 | 13.4 | 13.2 | 13.0 | 13.2 | 13.4 | 13.5 | 13.7 | 13.9 | 14.2 | 14.5 | 14.7 | 14.9 | 14.9 | 14.9 | 14.1 | 13.0 | 15.4 | 2.4 |
| 7/13/2009 | 14.8 | 14.7 | 14.5 | 14.2 | 14.0 | 13.7 | 13.5 | 13.3 | 13.1 | 13.1 | 13.2 | 13.1 | 12.6 | 13.0 | 12.9 | 13.4 | 13.7 | 14.2 | 14.7 | 15.1 | 15.5 | 15.7 | 16.1 | 16.1 | 14.1 | 12.6 | 16.1 | 3.4 |
| 7/14/2009 | 16.0 | 15.7 | 15.5 | 15.0 | 14.7 | 14.2 | 13.9 | 13.6 | 13.2 | 13.2 | 13.2 | 13.1 | 12.8 | 13.1 | 13.0 | 13.4 | 13.8 | 14.3 | 14.8 | 15.3 | 15.4 | 15.6 | 15.7 | 15.9 | 14.3 | 12.8 | 16.0 | 3.2 |
| 7/15/2009 | 16.0 | 16.0 | 15.6 | 15.3 | 15.0 | 14.5 | 14.1 | 13.8 | 13.5 | 13.5 | 13.5 | 13.5 | 13.2 | 13.4 | 13.5 | 13.7 | 14.1 | 14.6 | 15.2 | 15.7 | 16.0 | 16.0 | 16.5 | 16.4 | 14.7 | 13.2 | 16.5 | 3.2 |
| 7/16/2009 | 16.3 | 16.2 | 16.0 | 15.6 | 15.3 | 14.7 | 14.4 | 14.0 | 13.8 | 13.7 | 13.8 | 13.7 | 13.4 | 13.6 | 13.6 | 14.0 | 14.4 | 15.0 | 15.5 | 16.0 | 16.1 | 16.5 | 16.6 | 16.6 | 15.0 | 13.4 | 16.6 | 3.2 |
| 7/17/2009 | 16.5 | 16.4 | 16.0 | 15.7 | 15.3 | 14.8 | 14.4 | 14.1 | 13.9 | 13.9 | 13.8 | 13.8 | 13.5 | 13.7 | 13.6 | 14.1 | 14.5 | 14.9 | 15.5 | 15.9 | 16.3 | 16.4 | 16.7 | 16.7 | 15.0 | 13.5 | 16.7 | 3.2 |
| 7/18/2009 | 16.7 | 16.5 | 16.3 | 15.8 | 15.5 | 15.0 | 14.6 | 14.3 | 14.0 | 14.0 | 14.1 | 14.0 | 13.7 | 13.9 | 13.9 | 14.3 | 14.7 | 15.2 | 15.7 | 16.1 | 16.4 | 16.6 | 16.9 | 16.9 | 15.2 | 13.7 | 16.9 | 3.2 |
| 7/19/2009 | 16.8 | 16.7 | 16.4 | 16.1 | 15.7 | 15.2 | 14.8 | 14.5 | 14.3 | 14.2 | 14.3 | 14.2 | 13.9 | 14.1 | 14.1 | 14.5 | 14.9 | 15.4 | 15.9 | 16.4 | 16.7 | 16.7 | 17.0 | 17.0 | 15.4 | 13.9 | 17.0 | 3.1 |
| 7/20/2009 | 16.9 | 16.9 | 16.5 | 16.2 | 15.8 | 15.3 | 15.0 | 14.7 | 14.4 | 14.4 | 14.4 | 14.3 | 14.0 | 14.4 | 14.2 | 14.7 | 15.0 | 15.5 | 16.0 | 16.5 | 16.8 | 17.0 | 17.1 | 17.2 | 15.5 | 14.0 | 17.2 | 3.2 |
| 7/21/2009 | 17.1 | 17.0 | 16.7 | 16.2 | 15.8 | 15.3 | 14.9 | 14.6 | 14.3 | 14.3 | 14.3 | 14.2 | 13.9 | 14.1 | 14.0 | 14.4 | 14.9 | 15.3 | 15.8 | 16.2 | 16.5 | 16.8 | 16.9 | 17.0 | 15.4 | 13.9 | 17.1 | 3.1 |
| 7/22/2009 | 16.9 | 16.8 | 16.5 | 16.1 | 15.7 | 15.2 | 14.8 | 14.5 | 14.2 | 14.2 | 14.1 | 14.0 | 13.8 | 14.1 | 13.8 | 14.3 | 14.7 | 15.1 | 15.6 | 16.1 | 16.4 | 16.6 | 16.8 | 16.8 | 15.3 | 13.8 | 16.9 | 3.1 |
| 7/23/2009 | 16.8 | 16.7 | 16.4 | 16.0 | 15.7 | 15.2 | 14.8 | 14.4 | 14.2 | 14.1 | 14.2 | 14.0 | 13.8 | 14.0 | 14.0 | 14.5 | 14.9 | 15.2 | 15.7 | 16.2 | 16.5 | 16.6 | 16.8 | 16.9 | 15.3 | 13.8 | 16.9 | 3.0 |
| 7/24/2009 | 16.8 | 16.7 | 16.4 | 16.0 | 15.6 | 15.1 | 14.8 | 14.4 | 14.2 | 14.2 | 14.1 | 14.1 | 13.8 | 14.1 | 14.0 | 14.4 | 14.7 | 15.2 | 15.6 | 16.1 | 16.5 | 16.7 | 16.7 | 16.9 | 15.3 | 13.8 | 16.9 | 3.1 |
| 7/25/2009 | 16.8 | 16.8 | 16.5 | 16.1 | 15.7 | 15.2 | 14.8 | 14.4 | 14.2 | 14.1 | 14.1 | 14.0 | 13.8 | 14.0 | 13.9 | 14.4 | 14.7 | 15.1 | 15.6 | 16.1 | 16.4 | 16.7 | 16.8 | 16.9 | 15.3 | 13.8 | 16.9 | 3.1 |
| 7/26/2009 | 16.8 | 16.8 | 16.3 | 16.0 | 15.7 | 15.2 | 14.8 | 14.4 | 14.2 | 14.1 | 14.1 | 14.0 | 13.8 | 14.1 | 14.0 | 14.3 | 14.7 | 15.0 | 15.5 | 15.9 | 16.2 | 16.5 | 16.7 | 16.9 | 15.2 | 13.8 | 16.9 | 3.1 |
| 7/27/2009 | 16.9 | 16.7 | 16.5 | 16.0 | 15.8 | 15.3 | 14.8 | 14.6 | 14.3 | 14.3 | 14.3 | 14.3 | 14.0 | 14.3 | 14.1 | 14.4 | 14.7 | 15.1 | 15.6 | 16.0 | 16.3 | 16.6 | 16.8 | 16.9 | 15.4 | 14.0 | 16.9 | 3.0 |
| 7/28/2009 | 16.9 | 16.8 | 16.5 | 16.2 | 15.9 | 15.4 | 14.9 | 14.6 | 14.3 | 14.2 | 14.2 | 14.2 | 14.0 | 14.3 | 14.2 | 14.5 | 14.9 | 15.3 | 15.8 | 16.2 | 16.5 | 16.8 | 16.8 | 17.0 | 15.4 | 14.0 | 17.0 | 3.0 |
| 7/29/2009 | 17.0 | 16.9 | 16.7 | 16.4 | 16.0 | 15.5 | 15.1 | 14.8 | 14.5 | 14.4 | 14.4 | 14.4 | 14.2 | 14.4 | 14.5 | 14.8 | 15.1 | 15.5 | 15.9 | 16.4 | 16.7 | 17.0 | 17.1 | 17.3 | 15.6 | 14.2 | 17.3 | 3.1 |
| 7/30/2009 | 17.3 | 17.1 | 16.9 | 16.5 | 16.2 | 15.6 | 15.3 | 14.9 | 14.7 | 14.6 | 14.6 | 14.5 | 14.3 | 14.6 | 14.5 | 14.9 | 15.3 | 15.7 | 16.1 | 16.5 | 16.9 | 17.0 | 17.1 | 17.3 | 15.8 | 14.3 | 17.3 | 3.0 |
| 7/31/2009 | 17.3 | 17.1 | 16.9 | 16.5 | 16.2 | 15.6 | 15.3 | 15.0 | 14.7 | 14.5 | 14.5 | 14.5 | 14.2 | 14.5 | 14.5 | 14.8 | 15.1 | 15.5 | 15.9 | 16.3 | 16.6 | 16.9 | 17.0 | 17.1 | 15.7 | 14.2 | 17.3 | 3.1 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 13.7 | Minimum | 12.6 |
| Mean Daily Mean | 14.9 | Mean Minimum | 13.4 |
| Maximum Daily Mean | 15.8 | | |
| | | Maximum | 17.3 |
| Minumum Range | 2.4 | Mean Maximum | 16.6 |
| Maximum Range | 3.7 | | |
| | | Mean Range | 3.1 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River at Electra Diversion Dam**
**Station NFMR5**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 17.1 | 17.0 | 16.8 | 16.4 | 16.0 | 15.6 | 15.2 | 14.9 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.4 | 14.3 | 14.4 | 14.9 | 15.2 | 15.5 | 15.9 | 16.2 | 16.5 | 16.6 | 16.7 | 15.5 | 14.2 | 17.1 | 3.0 |
| 8/2/2009 | 16.7 | 16.6 | 16.4 | 15.9 | 15.6 | 15.3 | 14.9 | 14.6 | 14.4 | 14.3 | 14.2 | 14.2 | 14.0 | 14.2 | 14.1 | 14.4 | 14.7 | 15.0 | 15.4 | 15.8 | 16.2 | 16.4 | 16.5 | 16.6 | 15.3 | 14.0 | 16.7 | 2.7 |
| 8/3/2009 | 16.5 | 16.5 | 16.2 | 15.7 | 15.5 | 15.1 | 14.7 | 14.4 | 14.2 | 14.0 | 14.0 | 13.9 | 13.7 | 13.9 | 13.8 | 14.2 | 14.5 | 14.8 | 15.2 | 15.6 | 16.0 | 16.2 | 16.4 | 16.5 | 15.1 | 13.7 | 16.5 | 2.9 |
| 8/4/2009 | 16.4 | 16.4 | 16.1 | 15.7 | 15.4 | 14.9 | 14.6 | 14.2 | 14.0 | 13.9 | 13.9 | 13.9 | 13.6 | 14.0 | 13.8 | 14.1 | 14.5 | 14.9 | 15.3 | 15.7 | 16.0 | 16.2 | 16.4 | 16.4 | 15.0 | 13.6 | 16.4 | 2.8 |
| 8/5/2009 | 16.4 | 16.4 | 16.3 | 15.9 | 15.5 | 15.2 | 14.8 | 14.5 | 14.3 | 14.2 | 14.1 | 14.1 | 13.8 | 14.0 | 13.9 | 14.1 | 14.7 | 15.1 | 15.2 | 15.4 | 15.8 | 16.0 | 16.0 | 16.1 | 15.1 | 13.8 | 16.4 | 2.6 |
| 8/6/2009 | 16.2 | 16.2 | 16.2 | 16.2 | 16.0 | 15.7 | 15.4 | 15.2 | 14.9 | 14.6 | 14.4 | 14.2 | 14.1 | 14.0 | 13.9 | 13.9 | 13.9 | 14.2 | 14.5 | 14.6 | 14.6 | 14.7 | 14.8 | 14.8 | 14.9 | 13.9 | 16.2 | 2.3 |
| 8/7/2009 | 14.9 | 14.9 | 14.9 | 14.9 | 14.8 | 14.6 | 14.5 | 14.3 | 14.2 | 14.1 | 14.1 | 14.0 | 13.8 | 13.8 | 13.6 | 13.8 | 14.0 | 14.3 | 14.5 | 14.7 | 14.9 | 15.1 | 15.2 | 15.2 | 14.5 | 13.6 | 15.2 | 1.6 |
| 8/8/2009 | 15.3 | 15.3 | 15.2 | 15.2 | 15.0 | 14.9 | 14.7 | 14.5 | 14.3 | 14.1 | 14.0 | 13.9 | 13.5 | 13.5 | 13.5 | 13.7 | 14.0 | 14.2 | 14.5 | 14.9 | 15.2 | 15.3 | 15.4 | 15.5 | 14.6 | 13.5 | 15.5 | 2.0 |
| 8/9/2009 | 15.6 | 15.6 | 15.6 | 15.6 | 15.4 | 15.2 | 15.1 | 14.8 | 14.6 | 14.4 | 14.3 | 14.1 | 13.8 | 13.8 | 13.7 | 13.9 | 14.3 | 14.5 | 14.8 | 15.2 | 15.3 | 15.4 | 15.6 | 15.7 | 14.9 | 13.7 | 15.7 | 2.0 |
| 8/10/2009 | 15.8 | 15.8 | 15.7 | 15.7 | 15.7 | 15.5 | 15.3 | 15.0 | 14.9 | 14.7 | 14.5 | 14.4 | 14.1 | 14.1 | 14.2 | 14.3 | 14.7 | 14.9 | 15.2 | 15.3 | 15.6 | 15.8 | 15.9 | 16.1 | 15.1 | 14.1 | 16.1 | 2.0 |
| 8/11/2009 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.7 | 15.6 | 15.5 | 15.2 | 15.0 | 14.7 | 14.6 | 14.4 | 14.4 | 14.4 | 14.6 | 14.9 | 15.1 | 15.4 | 15.5 | 15.7 | 15.9 | 16.1 | 16.2 | 15.4 | 14.4 | 16.2 | 1.8 |
| 8/12/2009 | 16.2 | 16.1 | 16.1 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.2 | 15.0 | 14.8 | 14.6 | 14.4 | 14.4 | 14.4 | 14.5 | 14.9 | 15.0 | 15.4 | 15.6 | 15.7 | 15.9 | 16.1 | 16.2 | 15.4 | 14.4 | 16.2 | 1.8 |
| 8/13/2009 | 16.2 | 16.2 | 16.2 | 16.1 | 16.1 | 15.9 | 15.6 | 15.3 | 15.2 | 14.9 | 14.8 | 14.7 | 14.4 | 14.4 | 14.5 | 14.6 | 14.8 | 15.1 | 15.3 | 15.5 | 15.8 | 15.9 | 16.0 | 16.1 | 15.4 | 14.4 | 16.2 | 1.9 |
| 8/14/2009 | 16.2 | 16.2 | 16.2 | 16.2 | 16.1 | 16.0 | 15.8 | 15.6 | 15.4 | 15.1 | 14.9 | 14.7 | 14.5 | 14.5 | 14.5 | 14.7 | 14.9 | 15.1 | 15.3 | 15.6 | 15.8 | 15.8 | 15.9 | 15.9 | 15.5 | 14.5 | 16.2 | 1.7 |
| 8/15/2009 | 15.8 | 15.9 | 15.9 | 15.8 | 15.7 | 15.6 | 15.4 | 15.2 | 15.0 | 14.7 | 14.7 | 14.5 | 14.3 | 14.3 | 14.3 | 14.5 | 14.7 | 14.8 | 15.0 | 15.3 | 15.5 | 15.6 | 15.7 | 15.8 | 15.2 | 14.3 | 15.9 | 1.6 |
| 8/16/2009 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.6 | 14.5 | 14.3 | 14.0 | 14.1 | 14.2 | 14.2 | 14.5 | 14.7 | 14.8 | 15.1 | 15.3 | 15.4 | 15.5 | 15.6 | 15.0 | 14.0 | 15.8 | 1.8 |
| 8/17/2009 | 15.7 | 15.7 | 15.7 | 15.7 | 15.6 | 15.4 | 15.3 | 15.0 | 14.8 | 14.6 | 14.5 | 14.3 | 14.0 | 14.0 | 14.1 | 14.2 | 14.5 | 14.7 | 14.9 | 15.2 | 15.3 | 15.4 | 15.6 | 15.7 | 15.0 | 14.0 | 15.7 | 1.7 |
| 8/18/2009 | 15.7 | 15.8 | 15.8 | 15.8 | 15.7 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.4 | 14.2 | 14.2 | 14.2 | 14.4 | 14.8 | 14.9 | 15.1 | 15.3 | 15.5 | 15.7 | 15.7 | 15.9 | 15.2 | 14.2 | 15.9 | 1.7 |
| 8/19/2009 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.8 | 15.5 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.4 | 14.5 | 14.5 | 14.6 | 14.9 | 15.1 | 15.4 | 15.7 | 15.8 | 16.0 | 16.2 | 16.3 | 15.4 | 14.4 | 16.3 | 1.8 |
| 8/20/2009 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.2 | 16.0 | 15.8 | 15.6 | 15.3 | 15.0 | 14.9 | 14.7 | 14.7 | 14.7 | 14.9 | 15.2 | 15.5 | 15.7 | 15.8 | 16.1 | 16.3 | 16.4 | 16.5 | 15.7 | 14.7 | 16.5 | 1.8 |
| 8/21/2009 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.5 | 15.2 | 15.1 | 14.9 | 14.9 | 14.9 | 15.1 | 15.4 | 15.6 | 15.8 | 16.0 | 16.2 | 16.4 | 16.4 | 16.5 | 15.8 | 14.9 | 16.5 | 1.6 |
| 8/22/2009 | 16.5 | 16.5 | 16.4 | 16.4 | 16.4 | 16.2 | 16.1 | 15.9 | 15.8 | 15.5 | 15.3 | 15.2 | 15.0 | 14.8 | 14.8 | 14.9 | 14.9 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.7 | 15.6 | 14.8 | 16.5 | 1.7 |
| 8/23/2009 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.6 | 15.5 | 15.3 | 15.2 | 15.1 | 15.0 | 15.0 | 15.0 | 15.1 | 15.3 | 15.7 | 16.1 | 16.3 | 16.2 | 16.5 | 16.6 | 16.6 | 15.7 | 15.0 | 16.6 | 1.6 |
| 8/24/2009 | 16.6 | 16.6 | 16.6 | 16.6 | 16.5 | 16.2 | 16.0 | 15.9 | 15.6 | 15.5 | 15.3 | 15.1 | 14.8 | 14.9 | 14.9 | 15.0 | 15.3 | 15.4 | 15.6 | 15.9 | 16.1 | 16.2 | 16.3 | 16.2 | 15.8 | 14.8 | 16.6 | 1.8 |
| 8/25/2009 | 16.2 | 16.2 | 16.3 | 16.2 | 16.1 | 16.0 | 15.8 | 15.6 | 15.5 | 15.2 | 15.1 | 14.9 | 14.7 | 14.7 | 14.7 | 14.9 | 15.1 | 15.3 | 15.4 | 15.7 | 15.9 | 15.9 | 16.0 | 16.0 | 15.6 | 14.7 | 16.3 | 1.6 |
| 8/26/2009 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 | 15.8 | 15.7 | 15.5 | 15.3 | 15.1 | 14.9 | 14.8 | 14.5 | 14.6 | 14.5 | 14.5 | 14.9 | 15.1 | 15.2 | 15.4 | 15.5 | 15.6 | 15.8 | 15.8 | 15.4 | 14.5 | 16.0 | 1.5 |
| 8/27/2009 | 15.8 | 15.7 | 15.8 | 15.8 | 15.8 | 15.6 | 15.6 | 15.3 | 15.1 | 15.0 | 14.8 | 14.6 | 14.4 | 14.3 | 14.4 | 14.4 | 14.6 | 14.9 | 15.1 | 15.2 | 15.3 | 15.4 | 15.6 | 15.5 | 15.2 | 14.3 | 15.8 | 1.5 |
| 8/28/2009 | 15.6 | 15.6 | 15.6 | 15.7 | 15.7 | 15.6 | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 | 14.3 | 14.3 | 14.2 | 14.1 | 14.2 | 14.4 | 14.6 | 14.8 | 14.9 | 14.9 | 15.0 | 15.0 | 14.9 | 14.1 | 15.7 | 1.6 |
| 8/29/2009 | 15.1 | 15.1 | 15.1 | 15.2 | 15.2 | 15.1 | 15.0 | 14.8 | 14.6 | 14.6 | 14.5 | 14.4 | 14.2 | 14.1 | 14.2 | 14.3 | 14.6 | 14.7 | 14.9 | 15.2 | 15.3 | 15.5 | 15.7 | 15.8 | 14.9 | 14.1 | 15.8 | 1.7 |
| 8/30/2009 | 15.8 | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.7 | 15.6 | 15.4 | 15.3 | 15.0 | 14.7 | 14.5 | 14.5 | 14.5 | 14.7 | 14.9 | 15.0 | 15.4 | 15.7 | 15.9 | 15.9 | 16.0 | 16.0 | 15.4 | 14.5 | 16.0 | 1.6 |
| 8/31/2009 | 16.0 | 16.1 | 16.1 | 16.1 | 16.0 | 15.9 | 15.8 | 15.7 | 15.4 | 15.2 | 15.0 | 14.7 | 14.6 | 14.5 | 14.5 | 14.7 | 15.0 | 15.0 | 15.3 | 15.6 | 15.8 | 15.9 | 16.0 | 16.0 | 15.5 | 14.5 | 16.1 | 1.6 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 14.5 | Minimum | 13.5 |
| Mean Daily Mean | 15.2 | Mean Minimum | 14.2 |
| Maximum Daily Mean | 15.8 | | |
| | | Maximum | 17.1 |
| Minumum Range | 1.5 | Mean Maximum | 16.2 |
| Maximum Range | 3.0 | | |
| | | Mean Range | 1.9 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**North Fork Mokelumne River at Electra Diversion Dam**
**Station NFMR5**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 16.0 | 16.0 | 16.1 | 16.1 | 16.0 | 15.9 | 15.8 | 15.6 | 15.5 | 15.2 | 15.0 | 14.8 | 14.7 | 14.6 | 14.6 | 14.8 | 15.0 | 15.3 | 15.5 | 15.7 | 15.8 | 15.9 | 16.1 | 16.0 | 15.5 | 14.6 | 16.1 | 1.5 |
| 9/2/2009 | 16.1 | 16.1 | 16.2 | 16.2 | 16.2 | 16.1 | 15.9 | 15.8 | 15.5 | 15.4 | 15.1 | 15.0 | 14.8 | 14.8 | 14.6 | 14.8 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.6 | 15.5 | 14.6 | 16.2 | 1.6 |
| 9/3/2009 | 15.6 | 15.6 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 | 15.2 | 15.1 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.7 | 14.8 | 15.1 | 15.2 | 15.5 | 15.8 | 15.9 | 16.0 | 16.2 | 16.2 | 15.4 | 14.6 | 16.2 | 1.6 |
| 9/4/2009 | 16.2 | 16.1 | 16.2 | 16.2 | 16.2 | 16.0 | 15.9 | 15.7 | 15.5 | 15.4 | 15.2 | 15.0 | 14.8 | 14.8 | 14.8 | 14.9 | 15.0 | 15.2 | 15.4 | 15.6 | 15.7 | 15.8 | 15.9 | 15.8 | 15.6 | 14.8 | 16.2 | 1.4 |
| 9/5/2009 | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.2 | 15.1 | 14.9 | 14.7 | 14.5 | 14.6 | 14.4 | 14.5 | 14.6 | 14.9 | 15.1 | 15.2 | 15.2 | 15.4 | 15.4 | 15.4 | 15.2 | 14.4 | 15.8 | 1.4 |
| 9/6/2009 | 15.4 | 15.4 | 15.5 | 15.5 | 15.5 | 15.5 | 15.4 | 15.3 | 15.2 | 15.0 | 14.8 | 14.5 | 14.3 | 14.3 | 14.3 | 14.4 | 14.6 | 14.7 | 14.9 | 15.0 | 15.2 | 15.3 | 15.3 | 15.2 | 15.0 | 14.3 | 15.5 | 1.2 |
| 9/7/2009 | 15.3 | 15.3 | 15.3 | 15.3 | 15.2 | 15.2 | 15.1 | 15.0 | 14.9 | 14.7 | 14.5 | 14.4 | 14.1 | 14.1 | 14.1 | 14.1 | 14.3 | 14.5 | 14.6 | 14.8 | 15.0 | 15.0 | 15.1 | 15.0 | 14.8 | 14.1 | 15.3 | 1.2 |
| 9/8/2009 | 15.0 | 15.0 | 15.1 | 15.0 | 15.0 | 15.0 | 14.9 | 14.8 | 14.7 | 14.5 | 14.3 | 14.1 | 13.9 | 13.9 | 13.9 | 14.0 | 14.1 | 14.3 | 14.5 | 14.7 | 14.8 | 14.9 | 14.9 | 14.9 | 14.6 | 13.9 | 15.1 | 1.2 |
| 9/9/2009 | 15.0 | 15.0 | 15.0 | 15.0 | 15.1 | 15.1 | 15.0 | 15.0 | 14.8 | 14.6 | 14.5 | 14.2 | 14.0 | 14.0 | 13.9 | 14.0 | 14.2 | 14.4 | 14.5 | 14.9 | 15.0 | 15.0 | 15.2 | 15.1 | 14.7 | 13.9 | 15.2 | 1.3 |
| 9/10/2009 | 15.2 | 15.2 | 15.2 | 15.3 | 15.2 | 15.2 | 15.1 | 15.1 | 14.9 | 14.7 | 14.5 | 14.4 | 14.1 | 14.2 | 14.1 | 14.1 | 14.3 | 14.6 | 14.7 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 14.8 | 14.1 | 15.4 | 1.3 |
| 9/11/2009 | 15.4 | 15.4 | 15.5 | 15.5 | 15.6 | 15.5 | 15.5 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.4 | 14.4 | 14.4 | 14.5 | 14.7 | 14.9 | 15.1 | 15.2 | 15.3 | 15.5 | 15.7 | 15.7 | 15.1 | 14.4 | 15.7 | 1.3 |
| 9/12/2009 | 15.7 | 15.8 | 15.8 | 15.9 | 15.8 | 15.9 | 15.8 | 15.7 | 15.6 | 15.4 | 15.2 | 14.9 | 14.7 | 14.6 | 14.5 | 14.5 | 14.6 | 14.5 | 14.5 | 14.6 | 14.7 | 14.7 | 14.7 | 14.7 | 15.1 | 14.5 | 15.9 | 1.4 |
| 9/13/2009 | 14.7 | 14.6 | 14.6 | 14.6 | 14.5 | 14.5 | 14.5 | 14.4 | 14.3 | 14.3 | 14.2 | 14.1 | 14.0 | 14.0 | 14.0 | 14.1 | 14.1 | 14.5 | 14.8 | 14.8 | 14.8 | 14.7 | 14.8 | 14.9 | 14.5 | 14.0 | 14.9 | 0.9 |
| 9/14/2009 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.8 | 14.8 | 14.6 | 14.4 | 14.3 | 14.2 | 14.0 | 14.0 | 13.9 | 13.9 | 13.9 | 13.9 | 14.0 | 14.2 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 13.9 | 14.9 | 1.0 |
| 9/15/2009 | 14.4 | 14.4 | 14.4 | 14.4 | 14.3 | 14.3 | 14.2 | 14.2 | 14.0 | 14.0 | 14.0 | 13.8 | 13.7 | 13.7 | 13.6 | 13.7 | 13.8 | 14.0 | 14.2 | 14.4 | 14.5 | 14.6 | 14.7 | 14.6 | 14.2 | 13.6 | 14.7 | 1.1 |
| 9/16/2009 | 14.7 | 14.7 | 14.7 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.7 | 14.4 | 14.3 | 14.0 | 13.8 | 13.7 | 13.7 | 13.8 | 14.0 | 14.2 | 14.3 | 14.6 | 14.8 | 14.8 | 14.9 | 14.8 | 14.5 | 13.7 | 14.9 | 1.2 |
| 9/17/2009 | 14.9 | 14.9 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.7 | 14.5 | 14.2 | 14.1 | 14.0 | 13.9 | 13.9 | 14.2 | 14.4 | 14.6 | 14.8 | 14.8 | 14.9 | 15.0 | 15.0 | 14.6 | 13.9 | 15.0 | 1.1 |
| 9/18/2009 | 15.0 | 15.1 | 15.1 | 15.2 | 15.2 | 15.2 | 15.2 | 15.2 | 15.1 | 14.9 | 14.7 | 14.6 | 14.3 | 14.3 | 14.2 | 14.4 | 14.5 | 14.8 | 14.9 | 15.1 | 15.2 | 15.3 | 15.4 | 15.4 | 14.9 | 14.2 | 15.4 | 1.2 |
| 9/19/2009 | 15.4 | 15.4 | 15.5 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.5 | 14.5 | 14.6 | 14.7 | 14.9 | 15.1 | 15.4 | 15.5 | 15.5 | 15.5 | 15.5 | 15.2 | 14.5 | 15.6 | 1.1 |
| 9/20/2009 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.4 | 15.3 | 15.1 | 14.9 | 14.7 | 14.4 | 14.3 | 14.3 | 14.4 | 14.5 | 14.8 | 15.0 | 15.1 | 15.1 | 15.2 | 15.2 | 15.2 | 15.1 | 14.3 | 15.5 | 1.2 |
| 9/21/2009 | 15.2 | 15.3 | 15.3 | 15.3 | 15.4 | 15.3 | 15.3 | 15.3 | 15.2 | 15.1 | 14.8 | 14.6 | 14.4 | 14.3 | 14.3 | 14.3 | 14.4 | 14.6 | 14.8 | 14.9 | 15.0 | 15.0 | 15.1 | 15.1 | 14.9 | 14.3 | 15.4 | 1.1 |
| 9/22/2009 | 15.2 | 15.2 | 15.2 | 15.2 | 15.3 | 15.2 | 15.2 | 15.2 | 15.2 | 14.9 | 14.7 | 14.5 | 14.3 | 14.3 | 14.2 | 14.3 | 14.5 | 14.7 | 14.9 | 14.9 | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.2 | 15.3 | 1.1 |
| 9/23/2009 | 15.0 | 15.0 | 15.1 | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.9 | 14.9 | 14.6 | 14.5 | 14.3 | 14.3 | 14.1 | 14.2 | 14.3 | 14.5 | 14.7 | 14.8 | 14.9 | 14.9 | 14.9 | 14.9 | 14.7 | 14.1 | 15.1 | 0.9 |
| 9/24/2009 | 14.9 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.9 | 14.7 | 14.5 | 14.3 | 14.2 | 14.2 | 14.1 | 14.2 | 14.5 | 14.7 | 14.7 | 14.9 | 14.9 | 14.9 | 14.9 | 14.7 | 14.1 | 15.0 | 0.9 |
| 9/25/2009 | 14.9 | 14.9 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.6 | 14.5 | 14.3 | 14.3 | 14.2 | 14.1 | 14.2 | 14.5 | 14.8 | 14.8 | 14.9 | 14.9 | 15.0 | 14.9 | 14.7 | 14.1 | 15.0 | 0.9 |
| 9/26/2009 | 14.9 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.9 | 14.9 | 14.6 | 14.4 | 14.3 | 14.3 | 14.2 | 14.1 | 14.2 | 14.4 | 14.6 | 14.7 | 14.7 | 14.8 | 14.8 | 14.7 | 14.7 | 14.1 | 15.0 | 0.9 |
| 9/27/2009 | 14.8 | 14.8 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.2 | 14.4 | 14.7 | 14.7 | 14.8 | 14.8 | 14.7 | 14.8 | 14.7 | 14.1 | 14.9 | 0.8 |
| 9/28/2009 | 14.8 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 15.0 | 15.0 | 15.0 | 15.0 | 14.7 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.3 | 14.3 | 14.4 | 14.5 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.1 | 15.0 | 0.9 |
| 9/29/2009 | 14.7 | 14.7 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.5 | 14.5 | 14.5 | 14.3 | 14.2 | 14.0 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 13.7 | 13.7 | 13.9 | 13.9 | 13.7 | 13.7 | 14.2 | 13.7 | 14.7 | 1.0 |
| 9/30/2009 | 13.7 | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.7 | 12.7 | 12.7 | 12.5 | 12.3 | 12.6 | 12.6 | 12.7 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 13.0 | 12.3 | 13.7 | 1.3 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 13.0 | Minimum | 12.3 |
| Mean Daily Mean | 14.8 | Mean Minimum | 14.1 |
| Maximum Daily Mean | 15.6 | | |
| | | Maximum | 16.2 |
| Minumum Range | 0.8 | Mean Maximum | 15.3 |
| Maximum Range | 1.6 | | |
| | | Mean Range | 1.2 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Mokelumne River above Electra Powerhouse**
**Station MR1**
**Hourly Temperature Recording (ºC)**
**April 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 4/1/2009 | 9.8 | 9.6 | 9.4 | 9.3 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.7 | 8.9 | 9.2 | 9.5 | 9.9 | 10.4 | 10.9 | 11.3 | 11.6 | 11.7 | 11.5 | 11.3 | 11.2 | 11.0 | 10.9 | 10.0 | 8.7 | 11.7 | 3.0 |
| 4/2/2009 | 10.7 | 10.5 | 10.3 | 10.1 | 10.0 | 9.9 | 9.7 | 9.6 | 9.5 | 9.6 | 9.7 | 9.9 | 10.2 | 10.5 | 11.0 | 11.4 | 11.7 | 11.9 | 11.9 | 11.8 | 11.6 | 11.4 | 11.2 | 11.0 | 10.6 | 9.5 | 11.9 | 2.4 |
| 4/3/2009 | 10.9 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.9 | 9.7 | 9.6 | 9.6 | 9.7 | 9.9 | 10.1 | 10.4 | 10.7 | 11.1 | 11.4 | 11.5 | 11.4 | 11.2 | 10.8 | 10.5 | 10.3 | 10.0 | 10.4 | 9.6 | 11.5 | 1.9 |
| 4/4/2009 | 9.7 | 9.4 | 9.1 | 8.8 | 8.6 | 8.3 | 8.1 | 7.9 | 7.7 | 7.7 | 7.7 | 7.9 | 8.2 | 8.6 | 9.0 | 9.5 | 9.9 | 10.2 | 10.2 | 10.0 | 9.7 | 9.5 | 9.4 | 9.2 | 8.9 | 7.7 | 10.2 | 2.5 |
| 4/5/2009 | 8.9 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.1 | 7.9 | 7.8 | 7.8 | 7.9 | 8.2 | 8.5 | 8.9 | 9.4 | 10.0 | 10.4 | 10.7 | 10.7 | 10.5 | 10.2 | 10.1 | 9.9 | 9.7 | 9.1 | 7.8 | 10.7 | 2.9 |
| 4/6/2009 | 9.5 | 9.3 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.5 | 8.7 | 9.0 | 9.3 | 9.7 | 10.1 | 10.6 | 11.1 | 11.3 | 11.4 | 11.2 | 11.1 | 10.9 | 10.8 | 10.7 | 9.8 | 8.5 | 11.4 | 2.9 |
| 4/7/2009 | 10.5 | 10.3 | 10.2 | 10.0 | 10.0 | 9.9 | 9.7 | 9.6 | 9.5 | 9.5 | 9.6 | 9.8 | 10.1 | 10.5 | 10.7 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.0 | 10.2 | 9.5 | 10.7 | 1.2 |
| 4/8/2009 | 9.8 | 9.8 | 9.7 | 9.7 | 9.6 | 9.6 | 9.5 | 9.3 | 9.2 | 9.1 | 9.1 | 9.3 | 9.3 | 9.5 | 9.6 | 9.7 | 10.1 | 10.2 | 10.2 | 10.1 | 10.0 | 9.8 | 9.7 | 9.4 | 9.6 | 9.1 | 10.2 | 1.1 |
| 4/9/2009 | 9.2 | 9.1 | 8.9 | 8.8 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.2 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.5 | 8.5 | 8.5 | 8.5 | 8.4 | 8.4 | 8.4 | 8.4 | 8.3 | 8.5 | 8.2 | 9.2 | 1.0 |
| 4/10/2009 | 8.3 | 8.3 | 8.2 | 8.2 | 8.1 | 8.0 | 8.0 | 7.9 | 7.9 | 8.0 | 8.0 | 8.2 | 8.3 | 8.6 | 8.8 | 9.1 | 9.1 | 9.1 | 9.2 | 9.0 | 8.9 | 8.9 | 8.8 | 8.7 | 8.5 | 7.9 | 9.2 | 1.3 |
| 4/11/2009 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 | 7.9 | 7.8 | 7.8 | 7.8 | 7.8 | 8.3 | 8.7 | 9.0 | 9.6 | 10.1 | 10.5 | 10.7 | 10.5 | 10.4 | 10.3 | 10.2 | 10.0 | 9.8 | 9.1 | 7.8 | 10.7 | 2.9 |
| 4/12/2009 | 9.6 | 9.4 | 9.3 | 9.2 | 9.2 | 9.1 | 8.9 | 8.8 | 8.7 | 8.7 | 8.8 | 9.1 | 9.5 | 9.9 | 10.5 | 11.1 | 11.5 | 11.8 | 11.9 | 11.7 | 11.6 | 11.5 | 11.4 | 11.2 | 10.1 | 8.7 | 11.9 | 3.2 |
| 4/13/2009 | 11.0 | 10.9 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.1 | 10.0 | 10.0 | 10.1 | 10.4 | 10.7 | 11.1 | 11.5 | 11.9 | 12.2 | 12.4 | 12.5 | 12.4 | 12.2 | 12.1 | 12.0 | 11.9 | 11.2 | 10.0 | 12.5 | 2.5 |
| 4/14/2009 | 11.8 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 11.0 | 10.9 | 10.7 | 10.6 | 10.7 | 10.8 | 11.0 | 11.2 | 11.2 | 11.2 | 11.2 | 11.0 | 10.8 | 10.5 | 10.3 | 10.0 | 9.8 | 9.5 | 10.9 | 9.5 | 11.8 | 2.3 |
| 4/15/2009 | 9.3 | 9.1 | 8.9 | 8.7 | 8.4 | 8.2 | 7.9 | 7.7 | 7.5 | 7.5 | 7.6 | 7.8 | 8.1 | 8.4 | 8.8 | 9.2 | 9.5 | 9.6 | 9.6 | 9.5 | 9.3 | 9.1 | 9.0 | 8.8 | 8.6 | 7.5 | 9.6 | 2.1 |
| 4/16/2009 | 8.7 | 8.5 | 8.3 | 8.2 | 8.1 | 7.9 | 7.7 | 7.5 | 7.4 | 7.4 | 7.6 | 7.9 | 8.2 | 8.6 | 9.2 | 9.7 | 10.1 | 10.4 | 10.5 | 10.3 | 10.1 | 10.0 | 9.9 | 9.7 | 8.8 | 7.4 | 10.5 | 3.1 |
| 4/17/2009 | 9.5 | 9.4 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.6 | 8.7 | 9.0 | 9.4 | 9.8 | 10.4 | 11.0 | 11.5 | 11.8 | 11.8 | 11.7 | 11.5 | 11.4 | 11.3 | 11.1 | 10.0 | 8.5 | 11.8 | 3.3 |
| 4/18/2009 | 11.0 | 10.8 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.1 | 10.1 | 10.1 | 10.3 | 10.6 | 10.9 | 11.4 | 12.0 | 12.6 | 13.0 | 13.4 | 13.4 | 13.3 | 13.1 | 13.0 | 12.9 | 12.8 | 11.5 | 10.1 | 13.4 | 3.3 |
| 4/19/2009 | 12.6 | 12.5 | 12.3 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.9 | 12.0 | 12.3 | 12.6 | 13.0 | 13.5 | 14.1 | 14.5 | 14.8 | 14.9 | 14.7 | 14.5 | 14.4 | 14.3 | 14.1 | 13.1 | 11.8 | 14.9 | 3.1 |
| 4/20/2009 | 13.9 | 13.7 | 13.6 | 13.5 | 13.4 | 13.2 | 13.1 | 12.9 | 12.8 | 12.8 | 13.0 | 13.2 | 13.5 | 13.9 | 14.4 | 15.0 | 15.4 | 15.6 | 15.7 | 15.5 | 15.3 | 15.2 | 15.1 | 14.9 | 14.1 | 12.8 | 15.7 | 2.9 |
| 4/21/2009 | 14.7 | 14.5 | 14.3 | 14.2 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.4 | 13.5 | 13.6 | 13.8 | 14.1 | 14.6 | 15.0 | 15.5 | 15.7 | 15.7 | 15.5 | 15.3 | 15.2 | 15.0 | 14.8 | 14.5 | 13.4 | 15.7 | 2.3 |
| 4/22/2009 | 14.6 | 14.5 | 14.4 | 14.2 | 14.0 | 13.7 | 13.4 | 13.1 | 12.9 | 12.9 | 12.9 | 13.1 | 13.4 | 13.9 | 17.9 | 15.1 | 15.5 | 15.8 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.7 | 14.5 | 12.9 | 17.9 | 5.1 |
| 4/23/2009 | 14.4 | 14.2 | 14.0 | 13.9 | 13.7 | 13.5 | 13.3 | 13.0 | 12.8 | 12.7 | 12.8 | 12.9 | 13.2 | 13.4 | 13.8 | 14.0 | 14.2 | 14.2 | 14.2 | 14.1 | 14.0 | 13.8 | 13.6 | 13.4 | 13.6 | 12.7 | 14.4 | 1.7 |
| 4/24/2009 | 13.2 | 13.1 | 12.9 | 12.8 | 12.7 | 12.5 | 12.2 | 12.0 | 11.8 | 11.6 | 11.4 | 11.3 | 11.6 | 12.0 | 12.3 | 12.5 | 12.7 | 12.9 | 12.7 | 12.6 | 12.3 | 12.1 | 11.8 | 11.5 | 12.3 | 11.3 | 13.2 | 1.9 |
| 4/25/2009 | 11.2 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.7 | 9.6 | 9.6 | 9.8 | 10.0 | 10.3 | 10.8 | 11.3 | 11.8 | 12.1 | 12.3 | 12.4 | 12.2 | 12.0 | 11.8 | 11.7 | 11.5 | 10.9 | 9.6 | 12.4 | 2.8 |
| 4/26/2009 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.3 | 10.2 | 10.0 | 9.9 | 9.9 | 10.1 | 10.3 | 10.6 | 11.0 | 11.5 | 12.0 | 12.4 | 12.6 | 12.6 | 12.4 | 12.3 | 12.1 | 12.0 | 11.9 | 11.2 | 9.9 | 12.6 | 2.7 |
| 4/27/2009 | 11.6 | 11.4 | 11.3 | 11.1 | 11.0 | 10.9 | 10.7 | 10.6 | 10.5 | 10.6 | 10.8 | 11.0 | 11.3 | 11.7 | 12.2 | 12.6 | 12.9 | 13.1 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.7 | 10.5 | 13.1 | 2.5 |
| 4/28/2009 | 11.7 | 11.5 | 11.2 | 11.0 | 10.8 | 10.7 | 10.5 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.5 | 10.9 | 11.2 | 11.5 | 11.9 | 12.1 | 12.1 | 11.8 | 11.6 | 11.4 | 11.2 | 11.0 | 11.1 | 10.2 | 12.1 | 1.9 |
| 4/29/2009 | 10.8 | 10.5 | 10.3 | 10.1 | 9.9 | 9.8 | 9.6 | 9.5 | 9.5 | 9.5 | 9.7 | 10.0 | 10.3 | 10.6 | 11.1 | 11.5 | 11.7 | 11.9 | 11.9 | 11.8 | 11.6 | 11.5 | 11.3 | 11.1 | 10.7 | 9.5 | 11.9 | 2.5 |
| 4/30/2009 | 10.9 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.9 | 9.7 | 9.7 | 9.8 | 9.8 | 9.9 | 10.3 | 10.6 | 11.1 | 11.4 | 11.7 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.7 | 10.8 | 9.7 | 11.9 | 2.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 8.5 | Minimum | 7.4 |
| Mean Daily Mean | 10.8 | Mean Minimum | 9.7 |
| Maximum Daily Mean | 14.5 | | |
| | | Maximum | 17.9 |
| Minumum Range | 1.0 | Mean Maximum | 12.1 |
| Maximum Range | 5.1 | | |
| | | Mean Range | 2.5 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Mokelumne River above Electra Powerhouse**
**Station MR1**
**Hourly Temperature Recording (ºC)**
**May 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 5/1/2009 | 11.6 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.6 | 11.6 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.6 | 11.5 | 11.8 | 0.3 |
| 5/2/2009 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.6 | 11.4 | 11.0 | 10.8 | 10.4 | 10.2 | 10.2 | 10.1 | 10.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.4 | 10.4 | 9.4 | 11.7 | 2.3 |
| 5/3/2009 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.4 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.8 | 9.7 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 9.5 | 9.3 | 9.8 | 0.5 |
| 5/4/2009 | 9.6 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 | 9.3 | 9.5 | 9.7 | 9.9 | 10.1 | 10.3 | 10.5 | 10.6 | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.0 | 9.3 | 10.7 | 1.4 |
| 5/5/2009 | 10.4 | 10.4 | 10.4 | 10.5 | 10.5 | 10.6 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.4 | 11.8 | 12.1 | 12.5 | 12.6 | 12.3 | 12.2 | 12.0 | 11.7 | 11.5 | 11.4 | 11.3 | 11.3 | 10.4 | 12.6 | 2.2 |
| 5/6/2009 | 11.2 | 11.2 | 11.1 | 11.1 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.8 | 10.9 | 11.2 | 11.6 | 12.1 | 12.5 | 12.8 | 13.0 | 13.1 | 13.1 | 13.0 | 12.8 | 12.5 | 12.3 | 12.1 | 11.8 | 10.8 | 13.1 | 2.3 |
| 5/7/2009 | 12.0 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.7 | 11.6 | 11.7 | 11.9 | 12.2 | 12.7 | 13.4 | 13.9 | 14.2 | 14.4 | 14.4 | 14.1 | 13.7 | 13.3 | 12.9 | 12.4 | 11.9 | 12.6 | 11.6 | 14.4 | 2.8 |
| 5/8/2009 | 11.5 | 11.3 | 11.3 | 11.3 | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 11.1 | 11.2 | 11.5 | 11.8 | 12.1 | 12.3 | 12.5 | 12.6 | 12.5 | 12.2 | 11.9 | 11.7 | 11.5 | 11.4 | 11.4 | 11.6 | 11.0 | 12.6 | 1.6 |
| 5/9/2009 | 11.4 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.8 | 10.9 | 11.2 | 11.6 | 12.0 | 12.3 | 12.4 | 12.4 | 12.4 | 12.2 | 12.0 | 11.8 | 11.6 | 11.6 | 11.6 | 11.6 | 10.8 | 12.4 | 1.6 |
| 5/10/2009 | 11.6 | 11.6 | 11.6 | 11.5 | 11.4 | 11.3 | 11.1 | 11.0 | 10.9 | 10.9 | 11.0 | 11.3 | 11.7 | 12.1 | 12.4 | 12.6 | 12.6 | 12.5 | 12.2 | 11.9 | 11.7 | 11.6 | 11.5 | 11.5 | 11.6 | 10.9 | 12.6 | 1.7 |
| 5/11/2009 | 11.5 | 11.5 | 11.6 | 11.6 | 11.5 | 11.3 | 11.2 | 11.0 | 10.9 | 10.9 | 11.0 | 11.3 | 11.7 | 12.1 | 12.4 | 12.6 | 12.6 | 12.6 | 12.4 | 12.0 | 11.8 | 11.6 | 11.5 | 11.4 | 11.7 | 10.9 | 12.6 | 1.7 |
| 5/12/2009 | 11.5 | 11.5 | 11.5 | 11.4 | 11.3 | 11.1 | 11.0 | 10.8 | 10.6 | 10.6 | 10.7 | 11.0 | 11.4 | 11.8 | 12.0 | 12.1 | 12.1 | 11.9 | 11.6 | 11.3 | 11.1 | 11.1 | 11.1 | 11.0 | 11.3 | 10.6 | 12.1 | 1.5 |
| 5/13/2009 | 11.0 | 11.0 | 10.9 | 10.7 | 10.6 | 10.4 | 10.2 | 10.0 | 9.8 | 9.8 | 9.9 | 10.2 | 10.6 | 10.8 | 11.0 | 11.1 | 11.2 | 11.2 | 11.1 | 11.0 | 10.9 | 11.0 | 11.0 | 11.0 | 10.7 | 9.8 | 11.2 | 1.4 |
| 5/14/2009 | 11.1 | 11.1 | 11.0 | 10.9 | 10.7 | 10.6 | 10.4 | 10.3 | 10.2 | 10.2 | 10.3 | 10.6 | 11.1 | 11.4 | 11.7 | 11.9 | 12.1 | 12.2 | 12.0 | 11.8 | 11.6 | 11.6 | 11.6 | 11.6 | 11.2 | 10.2 | 12.2 | 2.0 |
| 5/15/2009 | 11.7 | 11.7 | 11.7 | 11.6 | 11.5 | 11.3 | 11.2 | 11.0 | 10.9 | 10.9 | 11.0 | 11.3 | 11.7 | 12.1 | 12.5 | 12.8 | 13.0 | 13.1 | 12.9 | 12.7 | 12.4 | 12.4 | 12.4 | 12.4 | 11.9 | 10.9 | 13.1 | 2.2 |
| 5/16/2009 | 12.5 | 12.6 | 12.7 | 12.6 | 12.4 | 12.3 | 12.1 | 11.9 | 11.8 | 11.7 | 11.8 | 12.1 | 12.5 | 12.9 | 13.2 | 13.4 | 13.5 | 13.5 | 13.4 | 13.1 | 12.9 | 12.8 | 12.8 | 12.8 | 12.6 | 11.7 | 13.5 | 1.8 |
| 5/17/2009 | 12.9 | 13.0 | 13.0 | 12.9 | 12.7 | 12.5 | 12.3 | 12.1 | 12.0 | 11.9 | 12.0 | 12.3 | 12.7 | 13.0 | 13.3 | 13.6 | 13.7 | 13.6 | 13.4 | 13.1 | 12.9 | 12.8 | 12.8 | 12.8 | 12.8 | 11.9 | 13.7 | 1.7 |
| 5/18/2009 | 12.8 | 12.8 | 12.8 | 12.7 | 12.6 | 12.4 | 12.3 | 12.1 | 12.0 | 11.9 | 11.9 | 12.1 | 12.4 | 12.6 | 12.9 | 13.1 | 13.1 | 13.0 | 12.8 | 12.6 | 12.5 | 12.6 | 12.7 | 12.8 | 12.6 | 11.9 | 13.1 | 1.2 |
| 5/19/2009 | 12.9 | 12.8 | 12.6 | 12.2 | 11.9 | 11.6 | 11.4 | 11.2 | 11.1 | 11.1 | 11.2 | 11.5 | 11.8 | 12.1 | 12.4 | 12.6 | 12.7 | 12.7 | 12.6 | 12.4 | 12.4 | 12.5 | 12.6 | 12.6 | 12.1 | 11.1 | 12.9 | 1.7 |
| 5/20/2009 | 12.5 | 12.2 | 11.9 | 11.5 | 11.2 | 10.9 | 10.7 | 10.5 | 10.4 | 10.4 | 10.4 | 10.7 | 10.9 | 11.2 | 11.4 | 11.6 | 11.7 | 11.8 | 11.8 | 11.8 | 11.8 | 11.9 | 12.0 | 12.0 | 11.4 | 10.4 | 12.5 | 2.1 |
| 5/21/2009 | 11.9 | 11.8 | 11.6 | 11.3 | 11.0 | 10.7 | 10.5 | 10.4 | 10.3 | 10.3 | 10.4 | 10.7 | 11.1 | 11.4 | 11.7 | 11.9 | 12.0 | 12.1 | 12.0 | 11.9 | 11.9 | 12.0 | 12.0 | 12.1 | 11.4 | 10.3 | 12.1 | 1.8 |
| 5/22/2009 | 12.0 | 11.9 | 11.6 | 11.4 | 11.1 | 10.9 | 10.7 | 10.5 | 10.5 | 10.5 | 10.7 | 11.0 | 11.4 | 11.8 | 12.1 | 12.2 | 12.3 | 12.4 | 12.4 | 12.3 | 12.2 | 12.3 | 12.3 | 12.3 | 11.6 | 10.5 | 12.4 | 1.9 |
| 5/23/2009 | 12.3 | 12.3 | 12.1 | 11.9 | 11.7 | 11.4 | 11.1 | 10.9 | 10.8 | 10.8 | 10.9 | 11.3 | 11.7 | 12.1 | 12.4 | 12.6 | 12.7 | 12.7 | 12.7 | 12.6 | 12.5 | 12.4 | 12.4 | 12.5 | 11.9 | 10.8 | 12.7 | 1.9 |
| 5/24/2009 | 12.5 | 12.6 | 12.5 | 12.4 | 12.2 | 12.0 | 11.7 | 11.5 | 11.3 | 11.2 | 11.3 | 11.6 | 12.1 | 12.6 | 13.0 | 13.3 | 13.4 | 13.3 | 13.1 | 12.8 | 12.5 | 12.4 | 12.4 | 12.4 | 12.3 | 11.2 | 13.4 | 2.2 |
| 5/25/2009 | 12.5 | 12.5 | 12.5 | 12.4 | 12.2 | 12.0 | 11.7 | 11.4 | 11.2 | 11.2 | 11.2 | 11.5 | 12.0 | 12.5 | 13.0 | 13.3 | 13.6 | 13.6 | 13.4 | 13.1 | 12.7 | 12.5 | 12.4 | 12.4 | 12.4 | 11.2 | 13.6 | 2.4 |
| 5/26/2009 | 12.5 | 12.5 | 12.6 | 12.7 | 12.6 | 12.5 | 12.3 | 12.2 | 12.1 | 12.1 | 12.1 | 12.3 | 12.7 | 13.2 | 13.7 | 14.1 | 14.4 | 14.5 | 14.4 | 14.0 | 13.7 | 13.4 | 13.2 | 13.1 | 13.0 | 12.1 | 14.5 | 2.4 |
| 5/27/2009 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.5 | 13.5 | 13.3 | 13.3 | 13.3 | 13.4 | 13.5 | 13.8 | 14.3 | 14.7 | 15.1 | 15.3 | 15.3 | 15.2 | 14.8 | 14.3 | 13.9 | 13.8 | 13.7 | 13.9 | 13.1 | 15.3 | 2.2 |
| 5/28/2009 | 13.8 | 13.9 | 13.7 | 13.3 | 12.8 | 12.3 | 11.9 | 11.6 | 11.5 | 11.5 | 11.6 | 12.0 | 12.4 | 12.8 | 13.2 | 13.4 | 13.2 | 13.0 | 12.9 | 12.8 | 12.7 | 12.8 | 13.0 | 13.0 | 12.7 | 11.5 | 13.9 | 2.4 |
| 5/29/2009 | 12.9 | 12.6 | 12.4 | 12.0 | 11.8 | 11.5 | 11.4 | 11.3 | 11.3 | 11.4 | 11.6 | 12.0 | 12.6 | 13.1 | 13.4 | 13.5 | 13.3 | 13.0 | 12.7 | 12.6 | 12.4 | 12.5 | 12.7 | 12.7 | 12.4 | 11.3 | 13.5 | 2.2 |
| 5/30/2009 | 12.6 | 12.4 | 12.3 | 12.1 | 11.9 | 11.7 | 11.5 | 11.4 | 11.4 | 11.6 | 11.6 | 12.0 | 12.7 | 13.4 | 13.9 | 14.1 | 14.2 | 14.2 | 14.0 | 13.7 | 13.4 | 13.1 | 12.9 | 12.9 | 12.7 | 11.4 | 14.2 | 2.8 |
| 5/31/2009 | 13.1 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.5 | 12.3 | 12.2 | 12.3 | 12.5 | 12.8 | 13.3 | 13.9 | 14.4 | 14.8 | 15.0 | 15.1 | 14.9 | 14.5 | 14.1 | 13.8 | 13.6 | 13.5 | 13.5 | 12.2 | 15.1 | 2.8 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 9.5 | Minimum | 9.3 |
| Mean Daily Mean | 11.9 | Mean Minimum | 11.0 |
| Maximum Daily Mean | 13.9 | | |
| | | Maximum | 15.3 |
| Minumum Range | 0.3 | Mean Maximum | 12.9 |
| Maximum Range | 2.8 | | |
| | | Mean Range | 1.9 |
| # of Days <= 20 (ºC) | 31 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Mokelumne River above Electra Powerhouse**
**Station MR1**
**Hourly Temperature Recording (ºC)**
**June 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 6/1/2009 | 13.5 | 13.5 | 13.5 | 13.5 | 13.6 | 13.6 | 13.5 | 13.3 | 13.3 | 13.3 | 13.3 | 13.5 | 13.5 | 13.7 | 14.0 | 14.2 | 14.4 | 14.5 | 14.4 | 14.1 | 13.8 | 13.5 | 13.2 | 13.0 | 13.7 | 13.0 | 14.5 | 1.5 |
| 6/2/2009 | 12.9 | 12.8 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.8 | 12.8 | 13.0 | 13.2 | 13.5 | 13.7 | 13.8 | 13.9 | 13.9 | 13.8 | 13.6 | 13.4 | 13.2 | 13.0 | 12.8 | 13.1 | 12.7 | 13.9 | 1.2 |
| 6/3/2009 | 12.7 | 12.6 | 12.5 | 12.5 | 12.6 | 12.6 | 12.6 | 12.7 | 12.7 | 12.8 | 12.9 | 13.0 | 13.2 | 13.4 | 13.7 | 13.8 | 13.9 | 14.2 | 14.1 | 13.8 | 13.6 | 13.3 | 13.0 | 12.8 | 13.1 | 12.5 | 14.2 | 1.7 |
| 6/4/2009 | 12.7 | 12.6 | 12.6 | 12.6 | 12.6 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.8 | 13.2 | 13.7 | 14.2 | 14.6 | 14.9 | 14.9 | 14.8 | 14.4 | 14.1 | 13.7 | 13.3 | 13.1 | 13.3 | 12.5 | 14.9 | 2.4 |
| 6/5/2009 | 12.8 | 12.7 | 12.6 | 12.5 | 12.5 | 12.6 | 12.6 | 12.5 | 12.5 | 12.5 | 12.5 | 12.6 | 12.7 | 12.7 | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 12.7 | 12.5 | 12.3 | 12.1 | 12.7 | 12.1 | 13.0 | 0.9 |
| 6/6/2009 | 11.9 | 11.8 | 11.6 | 11.4 | 11.3 | 11.1 | 11.0 | 11.0 | 11.1 | 11.2 | 11.5 | 11.9 | 12.3 | 12.9 | 13.2 | 13.6 | 13.9 | 13.9 | 13.9 | 13.8 | 13.6 | 13.4 | 13.2 | 13.0 | 12.4 | 11.0 | 13.9 | 2.9 |
| 6/7/2009 | 12.7 | 12.5 | 12.2 | 11.9 | 11.7 | 11.5 | 11.4 | 11.3 | 11.4 | 11.7 | 12.0 | 12.5 | 13.0 | 13.6 | 14.3 | 14.9 | 15.4 | 15.7 | 15.9 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 13.4 | 11.3 | 15.9 | 4.6 |
| 6/8/2009 | 14.8 | 14.6 | 14.3 | 14.1 | 13.9 | 13.8 | 13.6 | 13.4 | 13.4 | 13.5 | 13.7 | 14.1 | 14.5 | 15.1 | 15.7 | 16.3 | 16.8 | 17.2 | 17.4 | 17.4 | 17.3 | 17.1 | 16.9 | 16.7 | 15.2 | 13.4 | 17.4 | 4.0 |
| 6/9/2009 | 16.4 | 16.0 | 15.6 | 15.3 | 15.0 | 14.7 | 14.3 | 14.0 | 13.8 | 13.8 | 13.9 | 14.2 | 14.6 | 15.1 | 15.8 | 16.3 | 16.8 | 17.1 | 17.3 | 17.2 | 17.1 | 16.9 | 16.7 | 16.6 | 15.6 | 13.8 | 17.3 | 3.5 |
| 6/10/2009 | 16.4 | 16.2 | 15.9 | 15.7 | 15.4 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 | 14.5 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 16.9 | 17.2 | 17.4 | 17.4 | 17.3 | 17.0 | 16.9 | 16.7 | 15.9 | 14.5 | 17.4 | 2.9 |
| 6/11/2009 | 16.4 | 16.2 | 15.9 | 15.7 | 15.4 | 15.2 | 14.9 | 14.7 | 14.7 | 14.7 | 14.8 | 15.0 | 15.3 | 15.8 | 16.3 | 16.8 | 17.3 | 17.6 | 17.8 | 17.8 | 17.7 | 17.5 | 17.3 | 17.0 | 16.2 | 14.7 | 17.8 | 3.1 |
| 6/12/2009 | 16.7 | 16.5 | 16.2 | 15.9 | 15.6 | 15.4 | 15.1 | 14.9 | 14.8 | 14.8 | 14.9 | 15.1 | 15.2 | 15.6 | 16.1 | 16.5 | 16.8 | 17.1 | 17.3 | 17.3 | 17.2 | 17.0 | 16.9 | 16.8 | 16.1 | 14.8 | 17.3 | 2.5 |
| 6/13/2009 | 16.6 | 16.4 | 16.2 | 15.9 | 15.7 | 15.5 | 15.3 | 15.2 | 15.1 | 15.2 | 15.3 | 15.5 | 15.9 | 15.7 | 15.9 | 16.5 | 17.0 | 17.2 | 17.5 | 17.5 | 17.2 | 16.9 | 16.8 | 16.6 | 16.2 | 15.1 | 17.5 | 2.4 |
| 6/14/2009 | 16.4 | 16.2 | 16.0 | 15.7 | 15.5 | 15.2 | 15.0 | 14.8 | 14.7 | 14.8 | 14.9 | 15.1 | 15.5 | 15.9 | 16.5 | 17.0 | 17.5 | 17.8 | 18.0 | 17.9 | 17.7 | 17.4 | 17.1 | 16.9 | 16.2 | 14.7 | 18.0 | 3.3 |
| 6/15/2009 | 16.7 | 16.5 | 16.2 | 15.9 | 15.7 | 15.4 | 15.1 | 14.9 | 14.8 | 14.8 | 15.0 | 15.2 | 15.5 | 16.0 | 16.3 | 16.7 | 17.2 | 17.4 | 17.3 | 17.3 | 17.3 | 17.2 | 17.1 | 16.9 | 16.2 | 14.8 | 17.4 | 2.6 |
| 6/16/2009 | 16.7 | 16.5 | 16.3 | 16.1 | 15.9 | 15.8 | 15.6 | 15.4 | 15.4 | 15.5 | 15.7 | 16.0 | 16.3 | 16.7 | 17.2 | 17.6 | 17.9 | 18.1 | 18.3 | 18.3 | 18.3 | 18.2 | 18.0 | 17.8 | 16.8 | 15.4 | 18.3 | 2.9 |
| 6/17/2009 | 17.5 | 17.3 | 17.1 | 16.9 | 16.8 | 16.6 | 16.4 | 16.3 | 16.2 | 16.3 | 16.5 | 16.8 | 17.2 | 17.6 | 18.1 | 18.6 | 19.0 | 19.3 | 19.5 | 19.4 | 19.3 | 19.1 | 18.9 | 18.6 | 17.7 | 16.2 | 19.5 | 3.3 |
| 6/18/2009 | 18.4 | 18.1 | 17.9 | 17.6 | 17.4 | 17.2 | 17.0 | 16.8 | 16.8 | 17.0 | 17.1 | 17.4 | 17.8 | 18.2 | 18.7 | 19.2 | 19.7 | 20.0 | 20.2 | 20.2 | 20.1 | 19.8 | 19.7 | 19.5 | 18.4 | 16.8 | 20.2 | 3.4 |
| 6/19/2009 | 19.2 | 19.0 | 18.7 | 18.4 | 18.2 | 18.0 | 17.8 | 17.6 | 17.6 | 17.7 | 17.8 | 18.1 | 18.4 | 18.7 | 19.2 | 19.4 | 19.5 | 19.8 | 20.0 | 19.9 | 19.8 | 19.6 | 19.4 | 19.1 | 18.8 | 17.6 | 20.0 | 2.4 |
| 6/20/2009 | 18.9 | 18.6 | 18.4 | 18.1 | 17.9 | 17.7 | 17.5 | 17.3 | 17.2 | 17.3 | 17.5 | 17.7 | 18.0 | 18.2 | 18.2 | 18.2 | 18.6 | 18.6 | 18.7 | 18.7 | 18.6 | 18.3 | 18.1 | 17.8 | 18.1 | 17.2 | 18.9 | 1.7 |
| 6/21/2009 | 17.6 | 17.4 | 17.2 | 16.9 | 16.7 | 16.4 | 16.2 | 16.0 | 16.0 | 16.1 | 16.3 | 16.5 | 16.8 | 17.2 | 17.6 | 18.0 | 18.4 | 18.6 | 18.6 | 18.6 | 18.4 | 18.2 | 18.0 | 17.7 | 17.3 | 16.0 | 18.6 | 2.6 |
| 6/22/2009 | 17.5 | 17.2 | 17.0 | 16.7 | 16.4 | 16.2 | 16.0 | 15.8 | 15.9 | 16.1 | 16.3 | 16.7 | 17.2 | 17.6 | 18.1 | 18.5 | 18.8 | 19.0 | 19.0 | 18.9 | 18.8 | 18.5 | 18.3 | 18.1 | 17.5 | 15.8 | 19.0 | 3.2 |
| 6/23/2009 | 17.9 | 17.7 | 17.4 | 17.2 | 16.9 | 16.8 | 16.6 | 16.4 | 16.5 | 16.7 | 17.1 | 17.5 | 18.0 | 18.5 | 19.0 | 19.4 | 19.8 | 20.0 | 20.0 | 19.8 | 19.6 | 19.4 | 19.1 | 18.8 | 18.2 | 16.4 | 20.0 | 3.6 |
| 6/24/2009 | 18.6 | 18.3 | 18.0 | 17.7 | 17.4 | 17.2 | 17.0 | 16.8 | 16.9 | 17.1 | 17.4 | 17.8 | 18.2 | 18.7 | 19.2 | 19.7 | 20.0 | 20.2 | 20.2 | 20.1 | 19.9 | 19.7 | 19.5 | 19.2 | 18.5 | 16.8 | 20.2 | 3.4 |
| 6/25/2009 | 18.9 | 18.7 | 18.3 | 18.0 | 17.7 | 17.5 | 17.3 | 17.1 | 17.1 | 17.3 | 17.6 | 18.1 | 18.6 | 19.1 | 19.6 | 20.0 | 20.3 | 20.4 | 20.5 | 20.3 | 20.1 | 19.8 | 19.6 | 19.3 | 18.8 | 17.1 | 20.5 | 3.3 |
| 6/26/2009 | 19.0 | 18.7 | 18.3 | 18.0 | 17.7 | 17.4 | 17.2 | 17.0 | 17.0 | 17.2 | 17.5 | 17.9 | 18.4 | 18.9 | 19.4 | 19.9 | 20.3 | 20.4 | 20.4 | 20.2 | 20.0 | 19.7 | 19.5 | 19.2 | 18.7 | 17.0 | 20.4 | 3.4 |
| 6/27/2009 | 18.9 | 18.6 | 18.3 | 17.9 | 17.6 | 17.4 | 17.2 | 17.0 | 17.1 | 17.3 | 17.6 | 18.1 | 18.6 | 19.1 | 19.7 | 20.3 | 20.6 | 20.9 | 20.9 | 20.8 | 20.6 | 20.3 | 20.1 | 19.8 | 18.9 | 17.0 | 20.9 | 3.9 |
| 6/28/2009 | 19.6 | 19.3 | 19.0 | 18.7 | 18.4 | 18.2 | 18.0 | 17.8 | 17.9 | 18.1 | 18.4 | 18.8 | 19.4 | 19.9 | 20.4 | 20.9 | 21.3 | 21.4 | 21.4 | 21.3 | 21.1 | 20.8 | 20.6 | 20.3 | 19.6 | 17.8 | 21.4 | 3.6 |
| 6/29/2009 | 20.0 | 19.7 | 19.4 | 19.0 | 18.7 | 18.4 | 18.2 | 18.1 | 18.1 | 18.3 | 18.6 | 19.0 | 19.6 | 20.1 | 20.6 | 21.1 | 21.4 | 21.6 | 21.6 | 21.4 | 21.2 | 20.9 | 20.6 | 20.3 | 19.8 | 18.1 | 21.6 | 3.5 |
| 6/30/2009 | 20.0 | 19.6 | 19.2 | 18.8 | 18.5 | 18.2 | 18.0 | 17.8 | 17.8 | 17.9 | 18.1 | 18.3 | 18.1 | 18.2 | 18.5 | 19.0 | 19.3 | 19.4 | 19.5 | 19.3 | 19.1 | 18.8 | 18.6 | 18.5 | 18.7 | 17.8 | 20.0 | 2.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 12.4 | Minimum | 11.0 |
| Mean Daily Mean | 16.5 | Mean Minimum | 15.1 |
| Maximum Daily Mean | 19.8 | | |
| | | Maximum | 21.6 |
| Minumum Range | 0.9 | Mean Maximum | 18.0 |
| Maximum Range | 4.6 | | |
| | | Mean Range | 2.9 |
| # of Days <= 20 (ºC) | 30 | | |
| # of Days > 20 (ºC) | 0 | | |

**Mokelumne River Project (FERC No. 137)**
**Mokelumne River above Electra Powerhouse**
**Station MR1**
**Hourly Temperature Recording (ºC)**
**July 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 7/1/2009 | 18.3 | 18.2 | 18.0 | 17.7 | 17.5 | 17.2 | 17.0 | 16.9 | 17.1 | 17.4 | 17.7 | 18.2 | 18.6 | 19.1 | 19.7 | 20.3 | 20.7 | 20.9 | 21.0 | 20.9 | 20.7 | 20.4 | 20.2 | 19.9 | 18.9 | 16.9 | 21.0 | 4.1 |
| 7/2/2009 | 19.7 | 19.4 | 19.1 | 18.7 | 18.4 | 18.1 | 17.9 | 17.7 | 17.7 | 18.0 | 18.4 | 18.7 | 19.2 | 19.7 | 20.2 | 20.7 | 21.1 | 21.4 | 21.5 | 21.3 | 21.2 | 21.0 | 20.8 | 20.5 | 19.6 | 17.7 | 21.5 | 3.7 |
| 7/3/2009 | 20.3 | 20.1 | 19.9 | 19.6 | 19.4 | 19.1 | 18.8 | 18.5 | 18.4 | 18.6 | 19.1 | 19.6 | 20.1 | 20.7 | 21.3 | 21.8 | 22.2 | 22.4 | 22.5 | 22.3 | 22.1 | 21.8 | 21.6 | 21.4 | 20.5 | 18.4 | 22.5 | 4.1 |
| 7/4/2009 | 21.1 | 20.8 | 20.6 | 20.4 | 20.3 | 20.1 | 19.9 | 19.8 | 19.8 | 20.2 | 20.7 | 21.4 | 21.9 | 22.5 | 22.8 | 23.0 | 23.2 | 23.2 | 23.1 | 22.9 | 22.6 | 22.4 | 22.2 | 22.0 | 21.5 | 19.8 | 23.2 | 3.4 |
| 7/5/2009 | 21.8 | 21.5 | 21.2 | 21.0 | 20.8 | 20.6 | 20.5 | 20.3 | 20.5 | 20.8 | 21.3 | 21.9 | 22.4 | 22.8 | 23.2 | 23.5 | 23.6 | 23.6 | 23.4 | 23.1 | 22.7 | 22.4 | 22.2 | 22.0 | 22.0 | 20.3 | 23.6 | 3.3 |
| 7/6/2009 | 21.7 | 21.4 | 21.1 | 20.8 | 20.6 | 20.4 | 20.2 | 20.0 | 20.1 | 20.4 | 20.9 | 21.4 | 21.9 | 22.3 | 22.6 | 22.8 | 23.0 | 23.0 | 22.8 | 22.5 | 22.1 | 21.8 | 21.6 | 21.4 | 21.5 | 20.0 | 23.0 | 3.0 |
| 7/7/2009 | 21.1 | 20.8 | 20.5 | 20.3 | 20.1 | 19.9 | 19.6 | 19.4 | 19.4 | 19.7 | 20.3 | 20.8 | 21.4 | 21.8 | 22.0 | 22.3 | 22.4 | 22.4 | 22.2 | 21.9 | 21.5 | 21.2 | 21.0 | 20.8 | 21.0 | 19.4 | 22.4 | 3.0 |
| 7/8/2009 | 20.6 | 20.4 | 20.1 | 19.8 | 19.6 | 19.4 | 19.2 | 19.0 | 19.1 | 19.5 | 19.9 | 20.5 | 21.1 | 21.4 | 21.8 | 22.0 | 22.2 | 22.2 | 22.0 | 21.8 | 21.5 | 21.2 | 21.0 | 20.8 | 20.7 | 19.0 | 22.2 | 3.2 |
| 7/9/2009 | 20.6 | 20.4 | 20.1 | 19.9 | 19.8 | 19.6 | 19.4 | 19.2 | 19.2 | 19.6 | 20.1 | 20.7 | 21.2 | 21.6 | 22.0 | 22.2 | 22.4 | 22.4 | 22.3 | 21.9 | 21.6 | 21.3 | 21.1 | 20.9 | 20.8 | 19.2 | 22.4 | 3.2 |
| 7/10/2009 | 20.7 | 20.4 | 20.2 | 19.9 | 19.8 | 19.6 | 19.4 | 19.2 | 19.2 | 19.6 | 20.1 | 20.6 | 21.2 | 21.5 | 21.8 | 22.1 | 22.3 | 22.3 | 22.1 | 21.8 | 21.5 | 21.2 | 21.0 | 20.8 | 20.8 | 19.2 | 22.3 | 3.1 |
| 7/11/2009 | 20.6 | 20.4 | 20.2 | 20.0 | 19.9 | 19.8 | 19.6 | 19.5 | 19.6 | 20.0 | 20.5 | 21.0 | 21.6 | 22.0 | 22.2 | 22.0 | 21.7 | 21.3 | 21.2 | 21.2 | 21.2 | 21.0 | 20.8 | 20.6 | 20.7 | 19.5 | 22.2 | 2.7 |
| 7/12/2009 | 20.5 | 20.4 | 20.3 | 20.2 | 20.1 | 20.0 | 19.8 | 19.8 | 19.9 | 20.2 | 20.6 | 21.0 | 21.0 | 20.9 | 21.0 | 21.4 | 21.8 | 21.8 | 21.6 | 21.3 | 21.0 | 20.8 | 20.6 | 20.3 | 20.7 | 19.8 | 21.8 | 2.0 |
| 7/13/2009 | 20.1 | 19.9 | 19.7 | 19.5 | 19.3 | 19.1 | 18.9 | 18.7 | 18.7 | 19.0 | 19.5 | 20.2 | 20.8 | 21.3 | 21.7 | 22.1 | 22.3 | 22.4 | 22.3 | 22.0 | 21.7 | 21.4 | 21.2 | 21.0 | 20.5 | 18.7 | 22.4 | 3.7 |
| 7/14/2009 | 20.8 | 20.6 | 20.4 | 20.2 | 20.1 | 19.9 | 19.8 | 19.7 | 19.8 | 20.1 | 20.7 | 21.4 | 21.9 | 22.4 | 22.8 | 23.1 | 23.3 | 23.4 | 23.3 | 23.1 | 22.7 | 22.5 | 22.3 | 22.1 | 21.5 | 19.7 | 23.4 | 3.7 |
| 7/15/2009 | 21.9 | 21.6 | 21.4 | 21.2 | 21.0 | 20.9 | 20.7 | 20.7 | 20.8 | 21.1 | 21.7 | 22.4 | 23.1 | 23.5 | 23.9 | 24.1 | 24.4 | 24.4 | 24.3 | 24.0 | 23.6 | 23.3 | 23.1 | 22.9 | 22.5 | 20.7 | 24.4 | 3.7 |
| 7/16/2009 | 22.7 | 22.4 | 22.1 | 21.9 | 21.7 | 21.5 | 21.4 | 21.2 | 21.3 | 21.7 | 22.3 | 23.1 | 23.7 | 24.1 | 24.5 | 24.7 | 24.9 | 25.0 | 24.9 | 24.5 | 24.1 | 23.8 | 23.5 | 23.3 | 23.1 | 21.2 | 25.0 | 3.7 |
| 7/17/2009 | 23.1 | 22.8 | 22.6 | 22.3 | 22.2 | 22.0 | 21.9 | 21.7 | 21.8 | 22.1 | 22.8 | 23.5 | 24.0 | 24.5 | 24.8 | 25.1 | 25.2 | 25.2 | 25.0 | 24.7 | 24.3 | 24.0 | 23.8 | 23.6 | 23.5 | 21.7 | 25.2 | 3.5 |
| 7/18/2009 | 23.4 | 23.1 | 22.9 | 22.7 | 22.5 | 22.3 | 22.0 | 21.9 | 21.9 | 22.2 | 22.8 | 23.5 | 24.2 | 24.6 | 24.9 | 25.2 | 25.4 | 25.4 | 25.2 | 24.9 | 24.5 | 24.3 | 24.0 | 23.8 | 23.7 | 21.9 | 25.4 | 3.5 |
| 7/19/2009 | 23.6 | 23.3 | 23.1 | 22.9 | 22.7 | 22.6 | 22.5 | 22.4 | 22.5 | 22.8 | 23.4 | 24.1 | 24.7 | 25.1 | 25.5 | 25.8 | 25.9 | 25.9 | 25.7 | 25.4 | 25.0 | 24.7 | 24.5 | 24.3 | 24.1 | 22.4 | 25.9 | 3.5 |
| 7/20/2009 | 24.0 | 23.7 | 23.4 | 23.2 | 23.0 | 22.8 | 22.7 | 22.5 | 22.6 | 22.9 | 23.5 | 24.2 | 24.8 | 25.2 | 25.5 | 25.7 | 25.9 | 25.9 | 25.6 | 25.3 | 24.8 | 24.5 | 24.3 | 24.0 | 24.2 | 22.5 | 25.9 | 3.4 |
| 7/21/2009 | 23.8 | 23.5 | 23.2 | 22.9 | 22.7 | 22.5 | 22.3 | 22.2 | 22.2 | 22.6 | 23.1 | 23.7 | 24.2 | 24.7 | 25.0 | 25.2 | 25.3 | 25.3 | 25.0 | 24.7 | 24.2 | 23.8 | 23.6 | 23.4 | 23.7 | 22.2 | 25.3 | 3.1 |
| 7/22/2009 | 23.2 | 22.9 | 22.6 | 22.3 | 22.1 | 21.9 | 21.7 | 21.6 | 21.6 | 21.9 | 22.5 | 23.1 | 23.7 | 24.2 | 24.5 | 24.7 | 24.9 | 24.9 | 24.7 | 24.4 | 23.9 | 23.6 | 23.5 | 23.3 | 23.2 | 21.6 | 24.9 | 3.3 |
| 7/23/2009 | 23.1 | 22.8 | 22.5 | 22.3 | 22.1 | 22.0 | 21.9 | 21.7 | 21.8 | 22.1 | 22.7 | 23.3 | 23.9 | 24.4 | 24.6 | 24.9 | 25.0 | 25.0 | 24.9 | 24.5 | 24.1 | 23.8 | 23.6 | 23.4 | 23.4 | 21.7 | 25.0 | 3.3 |
| 7/24/2009 | 23.2 | 23.0 | 22.7 | 22.4 | 22.2 | 22.1 | 21.9 | 21.8 | 21.8 | 22.1 | 22.6 | 23.2 | 23.8 | 24.3 | 24.6 | 24.8 | 24.9 | 24.9 | 24.6 | 24.3 | 23.8 | 23.5 | 23.4 | 23.2 | 23.3 | 21.8 | 24.9 | 3.1 |
| 7/25/2009 | 22.9 | 22.7 | 22.4 | 22.1 | 21.9 | 21.7 | 21.5 | 21.4 | 21.4 | 21.8 | 22.3 | 22.9 | 23.5 | 24.1 | 24.4 | 24.6 | 24.8 | 24.8 | 24.6 | 24.3 | 23.9 | 23.6 | 23.4 | 23.1 | 23.1 | 21.4 | 24.8 | 3.4 |
| 7/26/2009 | 22.9 | 22.6 | 22.3 | 22.1 | 21.9 | 21.7 | 21.6 | 21.5 | 21.6 | 21.9 | 22.5 | 23.2 | 23.8 | 24.3 | 24.6 | 24.9 | 25.1 | 25.1 | 25.0 | 24.6 | 24.2 | 23.9 | 23.7 | 23.4 | 23.3 | 21.5 | 25.1 | 3.6 |
| 7/27/2009 | 23.2 | 23.0 | 22.7 | 22.5 | 22.3 | 22.1 | 21.9 | 21.8 | 21.9 | 22.2 | 22.8 | 23.5 | 24.1 | 24.5 | 24.9 | 25.1 | 25.3 | 25.4 | 25.3 | 24.9 | 24.5 | 24.2 | 24.0 | 23.8 | 23.6 | 21.8 | 25.4 | 3.6 |
| 7/28/2009 | 23.5 | 23.3 | 23.1 | 22.8 | 22.6 | 22.4 | 22.3 | 22.1 | 22.2 | 22.5 | 23.0 | 23.6 | 24.2 | 24.7 | 25.0 | 25.2 | 25.4 | 25.5 | 25.3 | 25.1 | 24.7 | 24.3 | 24.1 | 24.0 | 23.8 | 22.1 | 25.5 | 3.3 |
| 7/29/2009 | 23.8 | 23.5 | 23.2 | 23.0 | 22.8 | 22.7 | 22.5 | 22.4 | 22.4 | 22.7 | 23.1 | 23.7 | 24.2 | 24.8 | 25.2 | 25.4 | 25.5 | 25.5 | 25.4 | 25.0 | 24.5 | 24.2 | 24.1 | 23.9 | 23.9 | 22.4 | 25.5 | 3.1 |
| 7/30/2009 | 23.7 | 23.4 | 23.2 | 22.9 | 22.7 | 22.6 | 22.4 | 22.3 | 22.3 | 22.6 | 23.1 | 23.7 | 24.3 | 24.8 | 25.2 | 25.4 | 25.6 | 25.6 | 25.4 | 25.1 | 24.7 | 24.3 | 24.1 | 23.9 | 23.9 | 22.3 | 25.6 | 3.3 |
| 7/31/2009 | 23.7 | 23.5 | 23.2 | 22.9 | 22.7 | 22.5 | 22.4 | 22.2 | 22.3 | 22.5 | 23.0 | 23.6 | 24.2 | 24.7 | 25.1 | 25.3 | 25.5 | 25.5 | 25.3 | 24.9 | 24.5 | 24.2 | 24.0 | 23.8 | 23.8 | 22.2 | 25.5 | 3.2 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 18.9 | Minimum | 16.9 |
| Mean Daily Mean | 22.3 | Mean Minimum | 20.6 |
| Maximum Daily Mean | 24.2 | | |
| | | Maximum | 25.9 |
| Minumum Range | 2.0 | Mean Maximum | 24.0 |
| Maximum Range | 4.1 | | |
| | | Mean Range | 3.3 |
| # of Days <= 20 (ºC) | 3 | | |
| # of Days > 20 (ºC) | 28 | | |

**Mokelumne River Project (FERC No. 137)**
**Mokelumne River above Electra Powerhouse**
**Station MR1**
**Hourly Temperature Recording (ºC)**
**August 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 8/1/2009 | 23.6 | 23.3 | 23.1 | 22.8 | 22.6 | 22.4 | 22.2 | 22.1 | 22.1 | 22.3 | 22.8 | 23.5 | 24.0 | 24.6 | 25.1 | 25.3 | 25.4 | 25.3 | 25.1 | 24.8 | 24.3 | 23.9 | 23.6 | 23.4 | 23.7 | 22.1 | 25.4 | 3.3 |
| 8/2/2009 | 23.2 | 22.9 | 22.6 | 22.3 | 22.1 | 21.8 | 21.7 | 21.5 | 21.6 | 21.8 | 22.3 | 22.9 | 23.5 | 24.1 | 24.5 | 24.7 | 24.8 | 24.8 | 24.5 | 24.1 | 23.6 | 23.2 | 23.0 | 22.7 | 23.1 | 21.5 | 24.8 | 3.3 |
| 8/3/2009 | 22.5 | 22.2 | 21.9 | 21.6 | 21.3 | 21.1 | 20.9 | 20.8 | 20.8 | 21.1 | 21.6 | 22.2 | 22.9 | 23.5 | 23.9 | 24.1 | 24.2 | 24.2 | 24.0 | 23.6 | 23.1 | 22.7 | 22.4 | 22.2 | 22.4 | 20.8 | 24.2 | 3.4 |
| 8/4/2009 | 22.0 | 21.7 | 21.4 | 21.2 | 21.0 | 20.8 | 20.7 | 20.6 | 20.6 | 20.9 | 21.4 | 22.0 | 22.7 | 23.3 | 23.8 | 24.0 | 24.1 | 24.1 | 23.9 | 23.5 | 23.0 | 22.6 | 22.3 | 22.1 | 22.2 | 20.6 | 24.1 | 3.5 |
| 8/5/2009 | 21.9 | 21.6 | 21.3 | 21.1 | 20.9 | 20.7 | 20.6 | 20.5 | 20.6 | 20.9 | 21.3 | 21.9 | 22.5 | 23.1 | 23.6 | 23.9 | 24.0 | 23.9 | 23.7 | 23.3 | 22.8 | 22.3 | 22.0 | 21.7 | 22.1 | 20.5 | 24.0 | 3.5 |
| 8/6/2009 | 21.5 | 21.3 | 21.2 | 21.0 | 20.8 | 20.7 | 20.5 | 20.4 | 20.4 | 20.5 | 20.7 | 20.9 | 21.3 | 22.0 | 22.1 | 22.4 | 22.5 | 22.4 | 22.3 | 22.1 | 21.8 | 21.4 | 21.0 | 20.7 | 21.3 | 20.4 | 22.5 | 2.1 |
| 8/7/2009 | 20.5 | 20.3 | 20.1 | 19.8 | 19.6 | 19.3 | 19.1 | 18.9 | 19.0 | 19.3 | 19.7 | 20.2 | 21.0 | 21.7 | 22.3 | 22.7 | 22.9 | 22.9 | 22.8 | 22.5 | 22.1 | 21.6 | 21.3 | 21.1 | 20.9 | 18.9 | 22.9 | 4.0 |
| 8/8/2009 | 20.8 | 20.6 | 20.4 | 20.1 | 19.8 | 19.5 | 19.3 | 19.2 | 19.3 | 19.6 | 20.1 | 20.9 | 21.6 | 22.3 | 23.0 | 23.3 | 23.5 | 23.6 | 23.4 | 23.2 | 22.8 | 22.3 | 22.0 | 21.7 | 21.3 | 19.2 | 23.6 | 4.4 |
| 8/9/2009 | 21.4 | 21.2 | 21.0 | 20.8 | 20.5 | 20.3 | 20.1 | 20.0 | 20.0 | 20.2 | 20.8 | 21.6 | 22.3 | 23.0 | 23.6 | 24.0 | 24.2 | 24.2 | 24.2 | 23.9 | 23.5 | 23.1 | 22.7 | 22.3 | 22.0 | 20.0 | 24.2 | 4.2 |
| 8/10/2009 | 22.1 | 21.9 | 21.6 | 21.4 | 21.1 | 20.9 | 20.6 | 20.5 | 20.5 | 20.9 | 21.5 | 22.3 | 23.0 | 23.8 | 24.5 | 24.8 | 25.0 | 25.1 | 25.1 | 24.8 | 24.3 | 23.9 | 23.4 | 23.1 | 22.8 | 20.5 | 25.1 | 4.6 |
| 8/11/2009 | 22.9 | 22.7 | 22.4 | 22.2 | 21.9 | 21.6 | 21.3 | 21.1 | 21.1 | 21.3 | 21.8 | 22.5 | 23.1 | 23.9 | 24.5 | 24.9 | 25.1 | 25.2 | 25.1 | 24.8 | 24.3 | 23.8 | 23.4 | 23.1 | 23.1 | 21.1 | 25.2 | 4.1 |
| 8/12/2009 | 22.8 | 22.6 | 22.3 | 22.0 | 21.7 | 21.4 | 21.1 | 20.8 | 20.9 | 21.2 | 21.9 | 22.5 | 23.2 | 24.0 | 24.7 | 25.0 | 25.2 | 25.2 | 25.1 | 24.8 | 24.4 | 23.9 | 23.5 | 23.2 | 23.1 | 20.8 | 25.2 | 4.4 |
| 8/13/2009 | 22.8 | 22.5 | 22.2 | 21.9 | 21.6 | 21.3 | 21.0 | 20.7 | 20.8 | 21.2 | 21.8 | 22.6 | 23.4 | 24.1 | 24.5 | 24.9 | 25.0 | 25.0 | 24.8 | 24.4 | 23.8 | 23.4 | 23.1 | 22.8 | 22.9 | 20.7 | 25.0 | 4.3 |
| 8/14/2009 | 22.6 | 22.3 | 22.1 | 21.8 | 21.5 | 21.2 | 20.9 | 20.7 | 20.8 | 21.2 | 21.7 | 22.3 | 23.1 | 23.7 | 24.3 | 24.6 | 24.6 | 24.6 | 24.3 | 23.8 | 23.2 | 22.7 | 22.4 | 22.2 | 22.6 | 20.7 | 24.6 | 3.9 |
| 8/15/2009 | 21.9 | 21.6 | 21.4 | 21.0 | 20.7 | 20.4 | 20.1 | 19.9 | 19.9 | 20.2 | 20.8 | 21.4 | 22.1 | 22.9 | 23.4 | 23.7 | 23.8 | 23.8 | 23.7 | 23.4 | 22.8 | 22.3 | 21.9 | 21.6 | 21.9 | 19.9 | 23.8 | 3.9 |
| 8/16/2009 | 21.3 | 21.1 | 20.9 | 20.6 | 20.3 | 20.0 | 19.8 | 19.6 | 19.7 | 19.9 | 20.5 | 21.1 | 21.8 | 22.6 | 23.2 | 23.5 | 23.7 | 23.7 | 23.6 | 23.2 | 22.7 | 22.3 | 22.0 | 21.7 | 21.6 | 19.6 | 23.7 | 4.1 |
| 8/17/2009 | 21.4 | 21.2 | 21.0 | 20.7 | 20.4 | 20.1 | 19.9 | 19.7 | 19.7 | 20.0 | 20.6 | 21.3 | 22.0 | 22.7 | 23.3 | 23.7 | 23.8 | 23.9 | 23.8 | 23.5 | 23.0 | 22.6 | 22.3 | 22.1 | 21.8 | 19.7 | 23.9 | 4.2 |
| 8/18/2009 | 21.8 | 21.5 | 21.3 | 21.0 | 20.7 | 20.5 | 20.3 | 20.1 | 20.2 | 20.4 | 21.0 | 21.7 | 22.4 | 23.2 | 23.9 | 24.3 | 24.5 | 24.5 | 24.4 | 24.1 | 23.7 | 23.2 | 22.9 | 22.7 | 22.3 | 20.1 | 24.5 | 4.4 |
| 8/19/2009 | 22.3 | 22.1 | 21.8 | 21.5 | 21.2 | 21.0 | 20.8 | 20.6 | 20.6 | 21.0 | 21.5 | 22.2 | 22.9 | 23.7 | 24.3 | 24.7 | 24.9 | 24.9 | 24.7 | 24.4 | 24.0 | 23.6 | 23.3 | 23.0 | 22.7 | 20.6 | 24.9 | 4.3 |
| 8/20/2009 | 22.8 | 22.5 | 22.2 | 21.9 | 21.6 | 21.4 | 21.1 | 20.9 | 20.9 | 21.2 | 21.7 | 22.3 | 23.0 | 23.8 | 24.4 | 24.8 | 25.0 | 25.1 | 24.8 | 24.4 | 24.0 | 23.6 | 23.3 | 23.1 | 22.9 | 20.9 | 25.1 | 4.1 |
| 8/21/2009 | 22.8 | 22.6 | 22.3 | 22.1 | 21.8 | 21.5 | 21.2 | 21.0 | 21.1 | 21.3 | 21.9 | 22.6 | 23.4 | 24.3 | 25.0 | 25.4 | 25.6 | 25.6 | 25.5 | 25.2 | 24.7 | 24.3 | 23.9 | 23.6 | 23.3 | 21.0 | 25.6 | 4.6 |
| 8/22/2009 | 23.3 | 23.0 | 22.8 | 22.5 | 22.2 | 21.9 | 21.6 | 21.4 | 21.4 | 21.6 | 22.0 | 22.6 | 23.2 | 23.8 | 23.9 | 24.0 | 24.2 | 24.1 | 24.0 | 23.8 | 23.6 | 23.4 | 23.2 | 23.0 | 22.9 | 21.4 | 24.2 | 2.8 |
| 8/23/2009 | 22.9 | 22.7 | 22.5 | 22.4 | 22.2 | 22.1 | 22.0 | 21.9 | 21.9 | 22.0 | 22.1 | 22.7 | 23.3 | 24.0 | 24.6 | 25.0 | 25.2 | 25.1 | 24.8 | 24.4 | 24.0 | 23.6 | 23.3 | 23.1 | 23.2 | 21.9 | 25.2 | 3.3 |
| 8/24/2009 | 22.9 | 22.6 | 22.3 | 22.1 | 21.8 | 21.5 | 21.2 | 21.0 | 21.0 | 21.2 | 21.8 | 22.4 | 23.1 | 23.7 | 24.3 | 24.6 | 24.8 | 24.7 | 24.5 | 24.1 | 23.6 | 23.2 | 22.9 | 22.6 | 22.8 | 21.0 | 24.8 | 3.7 |
| 8/25/2009 | 22.2 | 21.9 | 21.7 | 21.4 | 21.1 | 20.8 | 20.5 | 20.3 | 20.3 | 20.6 | 21.2 | 21.8 | 22.6 | 23.3 | 23.9 | 24.2 | 24.3 | 24.3 | 24.1 | 23.7 | 23.2 | 22.8 | 22.5 | 22.2 | 22.3 | 20.3 | 24.3 | 4.0 |
| 8/26/2009 | 21.8 | 21.5 | 21.3 | 21.0 | 20.7 | 20.4 | 20.1 | 19.9 | 19.9 | 20.2 | 20.9 | 21.6 | 22.2 | 23.0 | 23.6 | 24.0 | 24.1 | 24.1 | 23.9 | 23.6 | 23.1 | 22.7 | 22.3 | 22.1 | 22.0 | 19.9 | 24.1 | 4.2 |
| 8/27/2009 | 21.7 | 21.4 | 21.1 | 20.8 | 20.5 | 20.2 | 19.9 | 19.7 | 19.7 | 19.9 | 20.6 | 21.3 | 22.0 | 22.8 | 23.5 | 23.8 | 24.0 | 24.0 | 23.8 | 23.5 | 23.0 | 22.6 | 22.2 | 21.9 | 21.8 | 19.7 | 24.0 | 4.3 |
| 8/28/2009 | 21.6 | 21.3 | 21.0 | 20.7 | 20.4 | 20.1 | 19.9 | 19.8 | 19.8 | 19.9 | 20.4 | 20.8 | 21.6 | 22.5 | 23.1 | 23.1 | 23.1 | 23.1 | 22.9 | 22.7 | 22.4 | 22.1 | 21.7 | 21.5 | 21.5 | 19.8 | 23.1 | 3.3 |
| 8/29/2009 | 21.1 | 20.9 | 20.6 | 20.4 | 20.1 | 19.9 | 19.7 | 19.5 | 19.5 | 19.8 | 20.4 | 21.1 | 21.9 | 22.6 | 23.4 | 23.9 | 24.2 | 24.2 | 24.0 | 23.7 | 23.3 | 22.9 | 22.6 | 22.4 | 21.8 | 19.5 | 24.2 | 4.6 |
| 8/30/2009 | 22.2 | 22.0 | 21.7 | 21.5 | 21.3 | 21.0 | 20.8 | 20.6 | 20.6 | 21.0 | 21.6 | 22.3 | 22.9 | 23.5 | 24.1 | 24.5 | 24.6 | 24.5 | 24.4 | 24.0 | 23.6 | 23.2 | 22.7 | 22.4 | 22.5 | 20.6 | 24.6 | 4.0 |
| 8/31/2009 | 22.1 | 21.9 | 21.6 | 21.4 | 21.1 | 20.8 | 20.5 | 20.3 | 20.3 | 20.7 | 21.3 | 22.0 | 22.7 | 23.2 | 23.7 | 24.1 | 24.2 | 24.1 | 23.9 | 23.5 | 23.0 | 22.7 | 22.3 | 22.1 | 22.2 | 20.3 | 24.2 | 3.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 20.9 | Minimum | 18.9 |
| Mean Daily Mean | 22.4 | Mean Minimum | 20.5 |
| Maximum Daily Mean | 23.7 | | |
| | | Maximum | 25.6 |
| Minumum Range | 2.1 | Mean Maximum | 24.4 |
| Maximum Range | 4.6 | | |
| | | Mean Range | 3.9 |
| # of Days <= 20 (ºC) | 0 | | |
| # of Days > 20 (ºC) | 31 | | |

**Mokelumne River Project (FERC No. 137)**
**Mokelumne River above Electra Powerhouse**
**Station MR1**
**Hourly Temperature Recording (ºC)**
**September 2009**

| | Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | Mean | Min | Max | Range |
| 9/1/2009 | 21.8 | 21.5 | 21.3 | 21.1 | 20.8 | 20.6 | 20.3 | 20.1 | 20.2 | 20.6 | 21.2 | 21.9 | 22.6 | 23.4 | 23.9 | 24.3 | 24.4 | 24.3 | 24.1 | 23.7 | 23.2 | 22.9 | 22.6 | 22.4 | 22.2 | 20.1 | 24.4 | 4.3 |
| 9/2/2009 | 22.1 | 21.9 | 21.6 | 21.3 | 21.0 | 20.7 | 20.5 | 20.2 | 20.2 | 20.5 | 21.0 | 21.7 | 22.4 | 23.1 | 23.4 | 23.6 | 23.6 | 23.5 | 23.4 | 23.3 | 23.0 | 22.7 | 22.4 | 22.2 | 22.1 | 20.2 | 23.6 | 3.4 |
| 9/3/2009 | 21.9 | 21.7 | 21.4 | 21.2 | 21.0 | 20.7 | 20.5 | 20.3 | 20.3 | 20.6 | 21.3 | 22.0 | 22.6 | 23.3 | 23.9 | 24.3 | 24.4 | 24.3 | 24.1 | 23.7 | 23.2 | 22.8 | 22.6 | 22.4 | 22.3 | 20.3 | 24.4 | 4.1 |
| 9/4/2009 | 22.1 | 21.9 | 21.6 | 21.4 | 21.1 | 20.8 | 20.5 | 20.3 | 20.3 | 20.4 | 20.9 | 21.6 | 22.2 | 22.9 | 23.5 | 23.8 | 23.9 | 23.8 | 23.6 | 23.2 | 22.7 | 22.3 | 21.8 | 21.5 | 22.0 | 20.3 | 23.9 | 3.6 |
| 9/5/2009 | 21.2 | 20.9 | 20.6 | 20.2 | 19.9 | 19.6 | 19.3 | 19.1 | 19.1 | 19.3 | 19.8 | 20.4 | 21.0 | 21.8 | 22.3 | 22.7 | 22.9 | 22.8 | 22.6 | 22.2 | 21.7 | 21.4 | 21.2 | 21.0 | 21.0 | 19.1 | 22.9 | 3.8 |
| 9/6/2009 | 20.9 | 20.7 | 20.4 | 20.2 | 19.9 | 19.6 | 19.4 | 19.2 | 19.2 | 19.5 | 20.1 | 20.6 | 21.1 | 21.7 | 22.3 | 22.7 | 22.7 | 22.6 | 22.4 | 22.0 | 21.5 | 21.1 | 20.8 | 20.6 | 20.9 | 19.2 | 22.7 | 3.5 |
| 9/7/2009 | 20.3 | 20.1 | 19.9 | 19.6 | 19.3 | 19.0 | 18.8 | 18.6 | 18.6 | 18.9 | 19.4 | 20.0 | 20.6 | 21.3 | 21.8 | 22.2 | 22.3 | 22.2 | 22.0 | 21.5 | 21.1 | 20.7 | 20.4 | 20.1 | 20.4 | 18.6 | 22.3 | 3.7 |
| 9/8/2009 | 19.9 | 19.7 | 19.4 | 19.2 | 18.9 | 18.7 | 18.4 | 18.3 | 18.3 | 18.5 | 19.0 | 19.6 | 20.3 | 20.9 | 21.5 | 21.9 | 22.0 | 22.0 | 21.7 | 21.4 | 21.0 | 20.6 | 20.4 | 20.2 | 20.1 | 18.3 | 22.0 | 3.7 |
| 9/9/2009 | 20.0 | 19.7 | 19.5 | 19.2 | 19.0 | 18.7 | 18.5 | 18.3 | 18.3 | 18.6 | 19.2 | 19.9 | 20.5 | 21.2 | 21.8 | 22.2 | 22.4 | 22.3 | 22.1 | 21.8 | 21.4 | 21.0 | 20.8 | 20.5 | 20.3 | 18.3 | 22.4 | 4.1 |
| 9/10/2009 | 20.2 | 20.0 | 19.8 | 19.5 | 19.3 | 19.0 | 18.8 | 18.6 | 18.6 | 18.9 | 19.4 | 20.1 | 20.7 | 21.5 | 22.2 | 22.6 | 22.8 | 22.8 | 22.6 | 22.2 | 21.8 | 21.5 | 21.2 | 21.0 | 20.6 | 18.6 | 22.8 | 4.2 |
| 9/11/2009 | 20.8 | 20.6 | 20.3 | 20.0 | 19.8 | 19.5 | 19.3 | 19.1 | 19.1 | 19.3 | 19.9 | 20.6 | 21.3 | 21.9 | 22.6 | 23.1 | 23.2 | 23.2 | 23.0 | 22.7 | 22.4 | 22.1 | 22.0 | 21.9 | 21.2 | 19.1 | 23.2 | 4.2 |
| 9/12/2009 | 21.7 | 21.5 | 21.3 | 21.1 | 20.9 | 20.7 | 20.5 | 20.3 | 20.3 | 20.6 | 21.1 | 21.2 | 21.0 | 20.7 | 20.7 | 20.7 | 20.8 | 21.0 | 21.2 | 21.2 | 21.0 | 20.6 | 20.2 | 19.9 | 20.8 | 19.9 | 21.7 | 1.8 |
| 9/13/2009 | 19.6 | 19.4 | 19.2 | 19.0 | 18.8 | 18.6 | 18.4 | 18.3 | 18.2 | 18.3 | 18.8 | 19.3 | 19.8 | 20.3 | 20.8 | 20.9 | 20.8 | 20.5 | 20.1 | 19.9 | 19.6 | 19.5 | 19.4 | 19.3 | 19.5 | 18.2 | 20.9 | 2.7 |
| 9/14/2009 | 19.2 | 19.2 | 19.1 | 19.0 | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 18.5 | 18.6 | 18.8 | 19.1 | 19.6 | 20.3 | 20.9 | 21.2 | 21.2 | 21.0 | 20.5 | 20.1 | 19.8 | 19.6 | 19.4 | 19.5 | 18.5 | 21.2 | 2.7 |
| 9/15/2009 | 19.3 | 19.1 | 18.9 | 18.6 | 18.4 | 18.2 | 18.0 | 17.8 | 17.8 | 18.1 | 18.5 | 19.0 | 19.6 | 20.2 | 20.8 | 21.3 | 21.4 | 21.3 | 21.1 | 20.7 | 20.4 | 20.1 | 19.9 | 19.7 | 19.5 | 17.8 | 21.4 | 3.6 |
| 9/16/2009 | 19.5 | 19.3 | 19.1 | 18.8 | 18.7 | 18.5 | 18.3 | 18.2 | 18.1 | 18.3 | 18.8 | 19.4 | 20.0 | 20.7 | 21.4 | 21.8 | 21.9 | 21.8 | 21.6 | 21.2 | 20.9 | 20.6 | 20.4 | 20.2 | 19.9 | 18.1 | 21.9 | 3.8 |
| 9/17/2009 | 20.0 | 19.8 | 19.5 | 19.3 | 19.1 | 18.9 | 18.7 | 18.6 | 18.5 | 18.8 | 19.3 | 19.8 | 20.4 | 21.1 | 21.7 | 22.1 | 22.2 | 22.2 | 21.9 | 21.6 | 21.3 | 20.9 | 20.8 | 20.5 | 20.3 | 18.5 | 22.2 | 3.7 |
| 9/18/2009 | 20.4 | 20.1 | 19.9 | 19.7 | 19.4 | 19.2 | 19.0 | 18.9 | 18.8 | 19.1 | 19.6 | 20.3 | 21.1 | 21.8 | 22.3 | 22.7 | 22.9 | 22.8 | 22.6 | 22.2 | 21.9 | 21.6 | 21.4 | 21.2 | 20.8 | 18.8 | 22.9 | 4.1 |
| 9/19/2009 | 21.0 | 20.8 | 20.6 | 20.3 | 20.0 | 19.8 | 19.6 | 19.4 | 19.4 | 19.5 | 19.7 | 20.4 | 21.1 | 21.6 | 22.1 | 22.5 | 22.7 | 22.6 | 22.2 | 21.8 | 21.4 | 21.2 | 21.0 | 20.8 | 20.9 | 19.4 | 22.7 | 3.3 |
| 9/20/2009 | 20.6 | 20.4 | 20.1 | 19.8 | 19.5 | 19.3 | 19.1 | 18.9 | 18.8 | 18.9 | 19.4 | 20.1 | 20.7 | 21.3 | 21.9 | 22.3 | 22.3 | 22.2 | 21.9 | 21.5 | 21.2 | 20.9 | 20.7 | 20.5 | 20.5 | 18.8 | 22.3 | 3.5 |
| 9/21/2009 | 20.3 | 20.1 | 19.8 | 19.5 | 19.3 | 19.1 | 18.9 | 18.7 | 18.6 | 18.9 | 19.5 | 20.0 | 20.5 | 21.2 | 21.8 | 22.2 | 22.3 | 22.2 | 22.0 | 21.6 | 21.2 | 21.0 | 20.7 | 20.6 | 20.4 | 18.6 | 22.3 | 3.7 |
| 9/22/2009 | 20.3 | 20.1 | 19.8 | 19.5 | 19.2 | 19.0 | 18.7 | 18.5 | 18.4 | 18.6 | 19.2 | 19.9 | 20.4 | 21.0 | 21.6 | 22.0 | 22.1 | 22.0 | 21.8 | 21.3 | 20.9 | 20.6 | 20.4 | 20.2 | 20.2 | 18.4 | 22.1 | 3.7 |
| 9/23/2009 | 20.0 | 19.7 | 19.4 | 19.1 | 18.9 | 18.7 | 18.4 | 18.2 | 18.1 | 18.3 | 18.8 | 19.5 | 20.2 | 20.7 | 21.2 | 21.6 | 21.6 | 21.5 | 21.2 | 20.7 | 20.3 | 20.2 | 20.0 | 19.8 | 19.8 | 18.1 | 21.6 | 3.5 |
| 9/24/2009 | 19.6 | 19.4 | 19.1 | 18.8 | 18.6 | 18.4 | 18.2 | 18.0 | 17.9 | 18.1 | 18.7 | 19.4 | 20.0 | 20.6 | 21.1 | 21.4 | 21.5 | 21.3 | 21.0 | 20.6 | 20.3 | 20.0 | 19.8 | 19.7 | 19.6 | 17.9 | 21.5 | 3.6 |
| 9/25/2009 | 19.4 | 19.2 | 18.9 | 18.7 | 18.4 | 18.2 | 18.0 | 17.8 | 17.7 | 17.9 | 18.5 | 19.2 | 20.0 | 20.5 | 21.0 | 21.4 | 21.6 | 21.5 | 21.0 | 20.6 | 20.3 | 20.2 | 20.1 | 19.9 | 19.6 | 17.7 | 21.6 | 3.9 |
| 9/26/2009 | 19.7 | 19.5 | 19.2 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 18.0 | 18.2 | 18.7 | 19.4 | 20.0 | 20.6 | 21.2 | 21.6 | 21.6 | 21.4 | 21.0 | 20.7 | 20.4 | 20.3 | 20.1 | 20.0 | 19.8 | 18.0 | 21.6 | 3.6 |
| 9/27/2009 | 19.7 | 19.5 | 19.2 | 19.0 | 18.8 | 18.6 | 18.3 | 18.2 | 18.0 | 18.2 | 18.8 | 19.4 | 20.0 | 20.6 | 21.1 | 21.6 | 21.7 | 21.5 | 21.1 | 20.8 | 20.5 | 20.3 | 20.2 | 20.0 | 19.8 | 18.0 | 21.7 | 3.7 |
| 9/28/2009 | 19.8 | 19.6 | 19.3 | 19.1 | 18.9 | 18.7 | 18.5 | 18.3 | 18.2 | 18.3 | 18.8 | 19.4 | 19.9 | 20.3 | 20.4 | 20.4 | 20.2 | 20.0 | 19.7 | 19.6 | 19.5 | 19.3 | 19.1 | 18.9 | 19.3 | 18.2 | 20.4 | 2.2 |
| 9/29/2009 | 18.8 | 18.6 | 18.4 | 18.2 | 18.0 | 17.8 | 17.6 | 17.5 | 17.6 | 17.4 | 17.4 | 17.5 | 17.5 | 17.9 | 18.2 | 18.4 | 18.6 | 18.6 | 18.3 | 17.8 | 17.3 | 17.0 | 16.8 | 16.7 | 17.8 | 16.7 | 18.8 | 2.1 |
| 9/30/2009 | 16.5 | 16.4 | 16.2 | 16.0 | 15.7 | 15.5 | 15.2 | 15.0 | 14.8 | 15.0 | 15.5 | 15.9 | 16.4 | 17.0 | 17.4 | 17.7 | 17.7 | 17.4 | 16.9 | 16.3 | 16.0 | 15.8 | 15.7 | 15.5 | 16.1 | 14.8 | 17.7 | 2.9 |

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Based on the statistical rule for significant digits, this results in more days recorded as >20°C, since all calculated values >20.00°C are tabulated as >20°C).

| Monthly Statistics | | | |
|---|---|---|---|
| Daily Mean Statistics | | | |
| Minimum Daily Mean | 16.1 | Minimum | 14.8 |
| Mean Daily Mean | 20.2 | Mean Minimum | 18.6 |
| Maximum Daily Mean | 22.3 | | |
| | | Maximum | 24.4 |
| Minumum Range | 1.8 | Mean Maximum | 22.0 |
| Maximum Range | 4.3 | | |
| | | Mean Range | 3.5 |
| # of Days <= 20 (ºC) | 18 | | |
| # of Days > 20 (ºC) | 12 | | |

**Appendix C**

Reservoir Water Temperature Profiles, 2009

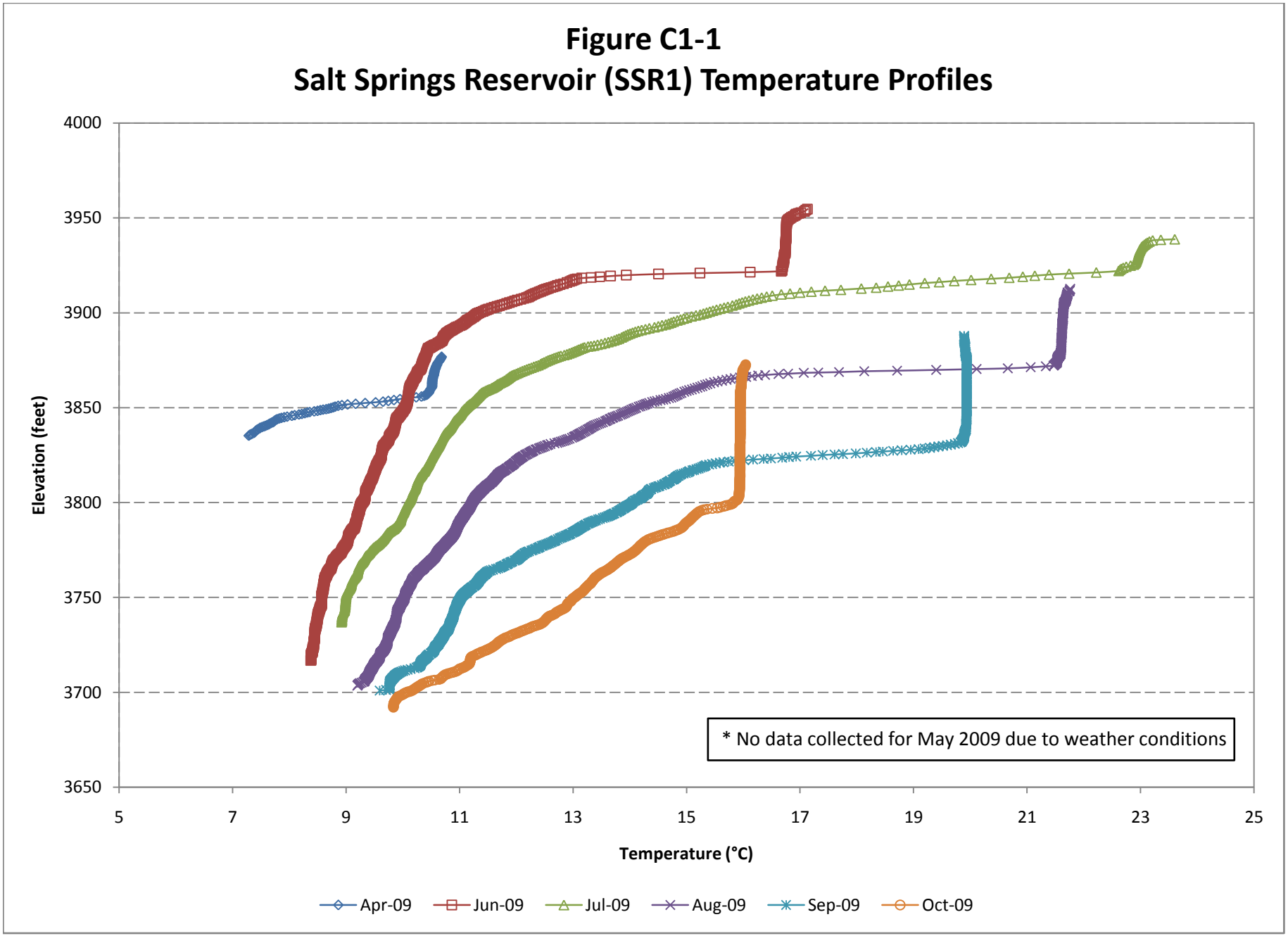


Figure C1-1
Salt Springs Reservoir (SSR1) Temperature Profiles
Elevation (feet)
4000
3950
3900
3850
3800
3750
3700
3650
5
7
9
11
13
15
17
19
21
23
25
Temperature (°C)
* No data collected for May 2009 due to weather conditions
Apr-09
Jun-09
Jul-09
Aug-09
Sep-09
Oct-09

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.685 | 3876.87 | No profiles due to | | 17.133 | 3954.67 | 23.605 | 3938.77 | 21.765 | 3912.67 | 19.893 | 3887.80 | 16.042 | 3872.63 |
| 10.679 | 3876.43 | weather conditions | | 17.105 | 3954.10 | 23.36 | 3938.50 | 21.76 | 3912.13 | 19.893 | 3887.40 | 16.038 | 3872.13 |
| 10.674 | 3876.13 | | | 17.08 | 3953.49 | 23.216 | 3938.20 | 21.755 | 3911.43 | 19.893 | 3886.76 | 16.033 | 3871.73 |
| 10.665 | 3875.76 | | | 17.015 | 3952.76 | 23.158 | 3937.56 | 21.747 | 3911.26 | 19.893 | 3886.29 | 16.026 | 3871.39 |
| 10.659 | 3875.46 | | | 16.977 | 3952.39 | 23.125 | 3937.03 | 21.721 | 3910.83 | 19.893 | 3885.76 | 16.019 | 3871.13 |
| 10.653 | 3875.13 | | | 16.941 | 3952.02 | 23.097 | 3936.49 | 21.719 | 3910.46 | 19.895 | 3885.32 | 16.013 | 3870.83 |
| 10.644 | 3874.76 | | | 16.924 | 3951.69 | 23.075 | 3935.99 | 21.716 | 3909.89 | 19.896 | 3884.89 | 16.006 | 3870.52 |
| 10.639 | 3874.46 | | | 16.913 | 3951.29 | 23.056 | 3935.55 | 21.713 | 3909.59 | 19.898 | 3884.45 | 15.999 | 3870.16 |
| 10.633 | 3874.19 | | | 16.883 | 3950.78 | 23.038 | 3935.05 | 21.709 | 3909.25 | 19.901 | 3883.95 | 15.997 | 3869.92 |
| 10.62 | 3873.89 | | | 16.849 | 3950.25 | 23.022 | 3934.58 | 21.705 | 3908.82 | 19.906 | 3883.52 | 15.991 | 3869.59 |
| 10.608 | 3873.29 | | | 16.825 | 3949.71 | 23.009 | 3933.91 | 21.702 | 3908.42 | 19.906 | 3883.08 | 15.991 | 3869.15 |
| 10.605 | 3872.85 | | | 16.801 | 3949.25 | 22.999 | 3933.48 | 21.699 | 3907.95 | 19.909 | 3882.68 | 15.989 | 3868.65 |
| 10.601 | 3872.45 | | | 16.785 | 3948.68 | 22.992 | 3933.04 | 21.694 | 3907.41 | 19.91 | 3882.55 | 15.988 | 3868.12 |
| 10.596 | 3872.22 | | | 16.775 | 3948.14 | 22.986 | 3932.54 | 21.689 | 3906.91 | 19.912 | 3882.01 | 15.985 | 3867.71 |
| 10.588 | 3871.88 | | | 16.769 | 3947.41 | 22.978 | 3932.01 | 21.686 | 3906.48 | 19.911 | 3881.78 | 15.983 | 3867.31 |
| 10.584 | 3871.48 | | | 16.766 | 3946.80 | 22.972 | 3931.44 | 21.682 | 3906.18 | 19.912 | 3881.58 | 15.982 | 3866.98 |
| 10.58 | 3871.04 | | | 16.763 | 3946.13 | 22.966 | 3930.74 | 21.671 | 3905.77 | 19.91 | 3881.11 | 15.98 | 3866.58 |
| 10.576 | 3870.74 | | | 16.763 | 3945.50 | 22.961 | 3930.17 | 21.663 | 3905.54 | 19.912 | 3880.54 | 15.979 | 3866.28 |
| 10.573 | 3870.44 | | | 16.762 | 3944.96 | 22.954 | 3929.50 | 21.658 | 3905.14 | 19.911 | 3880.10 | 15.978 | 3866.01 |
| 10.568 | 3870.18 | | | 16.761 | 3944.39 | 22.948 | 3928.90 | 21.655 | 3904.84 | 19.912 | 3879.64 | 15.977 | 3865.77 |
| 10.564 | 3869.74 | | | 16.761 | 3943.86 | 22.941 | 3928.29 | 21.653 | 3904.57 | 19.914 | 3879.34 | 15.974 | 3865.54 |
| 10.56 | 3869.37 | | | 16.761 | 3943.26 | 22.932 | 3927.63 | 21.651 | 3904.20 | 19.914 | 3879.03 | 15.971 | 3865.17 |
| 10.558 | 3869.04 | | | 16.761 | 3942.69 | 22.925 | 3927.06 | 21.651 | 3903.80 | 19.915 | 3878.73 | 15.971 | 3864.74 |
| 10.555 | 3868.74 | | | 16.761 | 3942.19 | 22.915 | 3926.49 | 21.649 | 3903.43 | 19.92 | 3878.40 | 15.97 | 3864.30 |
| 10.553 | 3868.37 | | | 16.761 | 3941.65 | 22.901 | 3925.99 | 21.649 | 3903.00 | 19.922 | 3878.03 | 15.97 | 3863.80 |
| 10.551 | 3868.00 | | | 16.76 | 3940.95 | 22.884 | 3925.42 | 21.647 | 3902.70 | 19.923 | 3877.60 | 15.968 | 3863.26 |
| 10.549 | 3867.67 | | | 16.76 | 3940.41 | 22.827 | 3924.88 | 21.646 | 3902.26 | 19.923 | 3877.23 | 15.968 | 3862.70 |
| 10.547 | 3867.30 | | | 16.76 | 3939.88 | 22.75 | 3924.31 | 21.645 | 3901.83 | 19.927 | 3876.86 | 15.966 | 3862.19 |
| 10.544 | 3866.96 | | | 16.758 | 3939.34 | 22.697 | 3923.74 | 21.643 | 3901.32 | 19.932 | 3876.52 | 15.964 | 3861.56 |
| 10.541 | 3866.83 | | | 16.756 | 3938.84 | 22.662 | 3923.21 | 21.643 | 3900.86 | 19.937 | 3876.22 | 15.963 | 3861.12 |
| 10.537 | 3866.56 | | | 16.753 | 3938.37 | 22.638 | 3922.67 | 21.642 | 3900.25 | 19.938 | 3875.92 | 15.961 | 3860.69 |
| 10.534 | 3866.19 | | | 16.751 | 3937.87 | 22.616 | 3922.07 | 21.641 | 3899.95 | 19.939 | 3875.62 | 15.959 | 3860.29 |
| 10.53 | 3865.83 | | | 16.749 | 3937.27 | 22.222 | 3921.27 | 21.64 | 3899.65 | 19.94 | 3875.22 | 15.956 | 3859.85 |
| 10.529 | 3865.49 | | | 16.749 | 3936.73 | 21.743 | 3920.67 | 21.638 | 3899.45 | 19.94 | 3874.92 | 15.955 | 3859.45 |
| 10.526 | 3865.19 | | | 16.75 | 3936.30 | 21.39 | 3920.13 | 21.636 | 3899.02 | 19.94 | 3874.55 | 15.953 | 3859.12 |
| 10.524 | 3864.82 | | | 16.748 | 3935.90 | 21.139 | 3919.56 | 21.635 | 3898.65 | 19.94 | 3874.28 | 15.951 | 3858.75 |
| 10.522 | 3864.52 | | | 16.746 | 3935.29 | 20.927 | 3919.03 | 21.635 | 3898.31 | 19.941 | 3873.85 | 15.95 | 3858.38 |
| 10.521 | 3864.15 | | | 16.746 | 3934.86 | 20.688 | 3918.49 | 21.636 | 3897.91 | 19.94 | 3873.48 | 15.95 | 3858.15 |
| 10.52 | 3863.85 | | | 16.746 | 3934.49 | 20.37 | 3917.92 | 21.637 | 3897.54 | 19.94 | 3873.21 | 15.949 | 3857.81 |
| 10.519 | 3863.45 | | | 16.745 | 3934.06 | 20.016 | 3917.35 | 21.637 | 3897.14 | 19.94 | 3872.91 | 15.949 | 3857.44 |
| 10.518 | 3863.08 | | | 16.744 | 3933.69 | 19.719 | 3916.79 | 21.636 | 3896.61 | 19.94 | 3872.64 | 15.949 | 3857.01 |
| 10.518 | 3862.78 | | | 16.743 | 3933.42 | 19.453 | 3916.18 | 21.634 | 3896.14 | 19.94 | 3872.38 | 15.949 | 3856.54 |
| 10.518 | 3862.41 | | | 16.743 | 3933.09 | 19.199 | 3915.68 | 21.632 | 3895.80 | 19.941 | 3872.11 | 15.949 | 3856.07 |
| 10.517 | 3861.95 | | | 16.743 | 3932.62 | 18.929 | 3914.95 | 21.629 | 3895.37 | 19.941 | 3871.81 | 15.949 | 3855.47 |
| 10.517 | 3861.54 | | | 16.743 | 3932.12 | 18.74 | 3914.41 | 21.628 | 3894.97 | 19.941 | 3871.44 | 15.949 | 3855.07 |
| 10.516 | 3861.14 | | | 16.743 | 3931.61 | 18.551 | 3913.88 | 21.627 | 3894.67 | 19.941 | 3871.11 | 15.95 | 3854.67 |
| 10.513 | 3860.77 | | | 16.74 | 3931.21 | 18.343 | 3913.27 | 21.626 | 3894.43 | 19.941 | 3870.57 | 15.949 | 3854.27 |
| 10.506 | 3860.41 | | | 16.73 | 3930.71 | 18.081 | 3912.80 | 21.625 | 3894.13 | 19.941 | 3870.27 | 15.949 | 3853.86 |
| 10.495 | 3860.00 | | | 16.726 | 3930.31 | 17.721 | 3912.14 | 21.625 | 3893.70 | 19.94 | 3869.97 | 15.949 | 3853.53 |
| 10.487 | 3859.70 | | | 16.726 | 3929.91 | 17.442 | 3911.67 | 21.624 | 3893.40 | 19.939 | 3869.73 | 15.949 | 3853.36 |
| 10.482 | 3859.47 | | | 16.724 | 3929.54 | 17.2 | 3911.17 | 21.623 | 3893.13 | 19.939 | 3869.53 | 15.949 | 3853.23 |
| 10.475 | 3859.10 | | | 16.724 | 3929.14 | 17.001 | 3910.66 | 21.623 | 3892.76 | 19.939 | 3869.10 | 15.949 | 3852.56 |
| 10.468 | 3858.73 | | | 16.725 | 3928.70 | 16.825 | 3910.16 | 21.623 | 3892.36 | 19.938 | 3868.60 | 15.949 | 3852.26 |
| 10.465 | 3858.40 | | | 16.721 | 3928.20 | 16.671 | 3909.73 | 21.623 | 3892.09 | 19.938 | 3868.06 | 15.948 | 3851.89 |
| 10.46 | 3858.06 | | | 16.717 | 3927.73 | 16.512 | 3909.06 | 21.622 | 3891.72 | 19.938 | 3867.43 | 15.948 | 3851.59 |
| 10.457 | 3857.83 | | | 16.715 | 3927.20 | 16.413 | 3908.56 | 21.621 | 3891.45 | 19.938 | 3866.79 | 15.948 | 3851.35 |
| 10.447 | 3857.43 | | | 16.711 | 3926.70 | 16.325 | 3908.02 | 21.62 | 3891.09 | 19.938 | 3866.35 | 15.948 | 3851.09 |
| 10.429 | 3856.96 | | | 16.707 | 3926.20 | 16.245 | 3907.52 | 21.62 | 3890.69 | 19.937 | 3866.05 | 15.948 | 3850.75 |
| 10.409 | 3856.63 | | | 16.7 | 3925.53 | 16.17 | 3907.05 | 21.619 | 3890.25 | 19.937 | 3865.69 | 15.948 | 3850.38 |
| 10.376 | 3856.26 | | | 16.698 | 3924.96 | 16.1 | 3906.52 | 21.619 | 3889.92 | 19.938 | 3865.38 | 15.947 | 3850.02 |
| 10.329 | 3855.89 | | | 16.696 | 3924.42 | 16.037 | 3906.01 | 21.618 | 3889.58 | 19.938 | 3864.88 | 15.948 | 3849.61 |
| 10.237 | 3855.45 | | | 16.692 | 3923.89 | 15.981 | 3905.51 | 21.618 | 3889.35 | 19.937 | 3864.65 | 15.948 | 3849.21 |
| 10.057 | 3854.92 | | | 16.69 | 3923.32 | 15.929 | 3905.01 | 21.617 | 3889.08 | 19.937 | 3864.48 | 15.948 | 3848.68 |
| 9.95 | 3854.52 | | | 16.689 | 3922.78 | 15.876 | 3904.44 | 21.616 | 3888.74 | 19.937 | 3863.95 | 15.948 | 3848.31 |
| 9.844 | 3854.02 | | | 16.687 | 3922.31 | 15.809 | 3903.87 | 21.615 | 3888.38 | 19.937 | 3863.51 | 15.948 | 3847.88 |
| 9.745 | 3853.58 | | | 16.672 | 3921.91 | 15.729 | 3903.20 | 21.615 | 3888.01 | 19.937 | 3863.21 | 15.947 | 3847.57 |
| 9.652 | 3853.18 | | | 16.124 | 3921.44 | 15.663 | 3902.70 | 21.615 | 3887.57 | 19.937 | 3863.08 | 15.947 | 3847.27 |
| 9.521 | 3852.81 | | | 15.239 | 3920.94 | 15.597 | 3902.20 | 21.614 | 3887.14 | 19.937 | 3862.74 | 15.947 | 3847.01 |
| 9.337 | 3852.44 | | | 14.507 | 3920.44 | 15.529 | 3901.70 | 21.613 | 3886.77 | 19.937 | 3862.34 | 15.948 | 3846.74 |
| 9.169 | 3852.04 | | | 13.941 | 3919.84 | 15.466 | 3901.16 | 21.612 | 3886.37 | 19.937 | 3861.87 | 15.948 | 3846.34 |
| 9.027 | 3851.71 | | | 13.662 | 3919.37 | 15.41 | 3900.66 | 21.611 | 3885.97 | 19.937 | 3861.27 | 15.947 | 3846.07 |
| 8.927 | 3851.34 | | | 13.474 | 3918.97 | 15.354 | 3900.13 | 21.611 | 3885.53 | 19.937 | 3860.97 | 15.946 | 3845.73 |
| 8.861 | 3850.97 | | | 13.321 | 3918.63 | 15.299 | 3899.66 | 21.611 | 3884.96 | 19.937 | 3860.60 | 15.946 | 3845.30 |
| 8.807 | 3850.54 | | | 13.154 | 3918.33 | 15.241 | 3899.15 | 21.61 | 3884.50 | 19.937 | 3860.27 | 15.946 | 3844.96 |
| 8.774 | 3850.17 | | | 13.069 | 3917.93 | 15.167 | 3898.65 | 21.607 | 3884.03 | 19.937 | 3859.83 | 15.947 | 3844.63 |
| 8.735 | 3849.83 | | | 13.035 | 3917.60 | 15.089 | 3898.15 | 21.606 | 3883.59 | 19.937 | 3859.43 | 15.946 | 3844.30 |
| 8.694 | 3849.50 | | | 13.006 | 3917.30 | 15.006 | 3897.48 | 21.606 | 3883.12 | 19.937 | 3858.93 | 15.946 | 3844.06 |
| 8.65 | 3849.20 | | | 12.979 | 3916.89 | 14.95 | 3897.01 | 21.606 | 3882.66 | 19.937 | 3858.76 | 15.946 | 3843.73 |
| 8.596 | 3848.96 | | | 12.945 | 3916.49 | 14.894 | 3896.48 | 21.605 | 3882.15 | 19.937 | 3858.46 | 15.946 | 3843.36 |
| 8.547 | 3848.70 | | | 12.894 | 3915.92 | 14.838 | 3896.01 | 21.605 | 3881.65 | 19.937 | 3858.06 | 15.946 | 3843.06 |
| 8.497 | 3848.33 | | | 12.832 | 3915.32 | 14.775 | 3895.41 | 21.606 | 3881.02 | 19.937 | 3857.76 | 15.946 | 3842.66 |
| 8.439 | 3848.06 | | | 12.775 | 3914.85 | 14.731 | 3894.87 | 21.603 | 3880.48 | 19.937 | 3857.42 | 15.946 | 3842.36 |
| 8.359 | 3847.69 | | | 12.726 | 3914.39 | 14.687 | 3894.40 | 21.602 | 3879.98 | 19.938 | 3857.02 | 15.945 | 3842.02 |
| 8.316 | 3847.43 | | | 12.689 | 3914.02 | 14.636 | 3893.90 | 21.599 | 3879.31 | 19.937 | 3856.69 | 15.945 | 3841.75 |
| 8.271 | 3847.06 | | | 12.652 | 3913.65 | 14.569 | 3893.47 | 21.596 | 3878.81 | 19.937 | 3856.15 | 15.945 | 3841.38 |
| 8.218 | 3846.66 | | | 12.611 | 3913.28 | 14.504 | 3892.97 | 21.594 | 3878.31 | 19.938 | 3855.78 | 15.945 | 3840.95 |
| 8.169 | 3846.42 | | | 12.569 | 3912.88 | 14.436 | 3892.43 | 21.59 | 3877.97 | 19.937 | 3855.58 | 15.945 | 3840.65 |
| 8.093 | 3846.02 | | | 12.53 | 3912.51 | 14.345 | 3891.90 | 21.579 | 3877.57 | 19.937 | 3855.31 | 15.945 | 3840.31 |
| 8.044 | 3845.72 | | | 12.498 | 3912.18 | 14.276 | 3891.43 | 21.57 | 3877.27 | 19.937 | 3854.98 | 15.945 | 3839.98 |
| 7.962 | 3845.25 | | | 12.472 | 3911.81 | 14.209 | 3890.96 | 21.561 | 3877.00 | 19.937 | 3854.58 | 15.945 | 3839.68 |
| 7.909 | 3844.95 | | | 12.436 | 3911.31 | 14.15 | 3890.52 | 21.554 | 3876.73 | 19.936 | 3854.24 | 15.945 | 3839.34 |
| 7.86 | 3844.62 | | | 12.402 | 3910.94 | 14.098 | 3890.06 | 21.547 | 3876.37 | 19.936 | 3854.04 | 15.945 | 3838.88 |
| 7.823 | 3844.31 | | | 12.367 | 3910.54 | 14.051 | 3889.59 | 21.541 | 3875.93 | 19.937 | 3853.81 | 15.945 | 3838.61 |

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.785 | 3843.91 | | | 12.333 | 3910.14 | 14.008 | 3889.12 | 21.536 | 3875.50 | 19.937 | 3853.47 | 15.946 | 3838.41 |
| 7.764 | 3843.58 | | | 12.301 | 3909.74 | 13.967 | 3888.65 | 21.534 | 3875.13 | 19.937 | 3853.11 | 15.946 | 3838.04 |
| 7.747 | 3843.28 | | | 12.272 | 3909.33 | 13.929 | 3888.15 | 21.532 | 3874.76 | 19.937 | 3852.84 | 15.945 | 3837.74 |
| 7.734 | 3842.91 | | | 12.243 | 3908.80 | 13.89 | 3887.58 | 21.532 | 3874.26 | 19.936 | 3852.44 | 15.945 | 3837.27 |
| 7.721 | 3842.57 | | | 12.217 | 3908.36 | 13.858 | 3887.08 | 21.53 | 3873.86 | 19.937 | 3852.04 | 15.945 | 3837.00 |
| 7.706 | 3842.27 | | | 12.179 | 3908.00 | 13.811 | 3886.44 | 21.517 | 3873.49 | 19.936 | 3851.67 | 15.945 | 3836.67 |
| 7.689 | 3842.11 | | | 12.134 | 3907.59 | 13.771 | 3886.01 | 21.502 | 3873.05 | 19.937 | 3851.17 | 15.945 | 3836.33 |
| 7.667 | 3841.74 | | | 12.084 | 3907.19 | 13.728 | 3885.54 | 21.489 | 3872.65 | 19.936 | 3850.83 | 15.945 | 3836.07 |
| 7.646 | 3841.44 | | | 12.019 | 3906.69 | 13.678 | 3885.07 | 21.47 | 3872.18 | 19.937 | 3850.50 | 15.945 | 3835.73 |
| 7.629 | 3841.07 | | | 11.972 | 3906.29 | 13.623 | 3884.60 | 21.334 | 3871.82 | 19.937 | 3850.23 | 15.945 | 3835.30 |
| 7.604 | 3840.77 | | | 11.929 | 3905.82 | 13.564 | 3884.13 | 21.067 | 3871.31 | 19.937 | 3849.83 | 15.945 | 3834.99 |
| 7.574 | 3840.37 | | | 11.879 | 3905.39 | 13.499 | 3883.63 | 20.666 | 3870.75 | 19.937 | 3849.59 | 15.944 | 3834.66 |
| 7.546 | 3840.07 | | | 11.833 | 3904.95 | 13.433 | 3883.23 | 20.115 | 3870.38 | 19.937 | 3849.29 | 15.945 | 3834.29 |
| 7.517 | 3839.73 | | | 11.791 | 3904.52 | 13.373 | 3882.76 | 19.403 | 3869.91 | 19.937 | 3848.96 | 15.944 | 3833.96 |
| 7.486 | 3839.40 | | | 11.749 | 3904.15 | 13.315 | 3882.46 | 18.714 | 3869.51 | 19.937 | 3848.62 | 15.945 | 3833.62 |
| 7.472 | 3839.03 | | | 11.707 | 3903.75 | 13.265 | 3882.26 | 18.134 | 3869.21 | 19.937 | 3848.26 | 15.944 | 3833.26 |
| 7.446 | 3838.59 | | | 11.662 | 3903.35 | 13.202 | 3881.86 | 17.69 | 3868.77 | 19.938 | 3847.99 | 15.944 | 3832.92 |
| 7.43 | 3838.29 | | | 11.61 | 3902.91 | 13.171 | 3881.52 | 17.325 | 3868.54 | 19.938 | 3847.52 | 15.944 | 3832.49 |
| 7.415 | 3837.99 | | | 11.563 | 3902.48 | 13.14 | 3881.16 | 17.069 | 3868.34 | 19.938 | 3847.18 | 15.944 | 3832.18 |
| 7.402 | 3837.62 | | | 11.509 | 3901.94 | 13.104 | 3880.72 | 16.792 | 3867.90 | 19.938 | 3846.75 | 15.945 | 3831.82 |
| 7.394 | 3837.29 | | | 11.478 | 3901.57 | 13.074 | 3880.32 | 16.623 | 3867.74 | 19.938 | 3846.35 | 15.944 | 3831.48 |
| 7.386 | 3836.99 | | | 11.449 | 3901.20 | 13.042 | 3879.92 | 16.387 | 3867.23 | 19.938 | 3845.85 | 15.944 | 3831.18 |
| 7.373 | 3836.69 | | | 11.414 | 3900.77 | 13.008 | 3879.52 | 16.265 | 3866.97 | 19.937 | 3845.44 | 15.943 | 3830.91 |
| 7.345 | 3836.25 | | | 11.377 | 3900.37 | 12.974 | 3879.08 | 16.154 | 3866.66 | 19.938 | 3845.08 | 15.943 | 3830.58 |
| 7.321 | 3835.95 | | | 11.344 | 3899.97 | 12.935 | 3878.65 | 16.051 | 3866.26 | 19.937 | 3844.68 | 15.943 | 3830.31 |
| 7.303 | 3835.65 | | | 11.317 | 3899.56 | 12.893 | 3878.18 | 15.946 | 3865.86 | 19.937 | 3844.27 | 15.942 | 3829.98 |
| 7.285 | 3835.25 | | | 11.297 | 3899.16 | 12.846 | 3877.78 | 15.853 | 3865.53 | 19.938 | 3843.91 | 15.943 | 3829.71 |
| 7.274 | 3834.98 | | | 11.279 | 3898.73 | 12.785 | 3877.38 | 15.778 | 3865.09 | 19.937 | 3843.50 | 15.942 | 3829.24 |
| 7.265 | 3834.65 | | | 11.261 | 3898.29 | 12.746 | 3877.01 | 15.708 | 3864.69 | 19.933 | 3843.07 | 15.942 | 3829.01 |
| 7.257 | 3834.38 | | | 11.243 | 3897.86 | 12.709 | 3876.61 | 15.629 | 3864.26 | 19.931 | 3842.70 | 15.942 | 3828.67 |
| 7.245 | 3833.98 | | | 11.213 | 3897.29 | 12.671 | 3876.24 | 15.55 | 3863.82 | 19.93 | 3842.37 | 15.942 | 3828.37 |
| 7.241 | 3833.71 | | | 11.188 | 3896.85 | 12.635 | 3875.80 | 15.486 | 3863.35 | 19.93 | 3842.03 | 15.943 | 3828.04 |
| 7.234 | 3833.24 | | | 11.166 | 3896.45 | 12.597 | 3875.37 | 15.42 | 3862.78 | 19.928 | 3841.66 | 15.942 | 3827.70 |
| 7.23 | 3832.91 | | | 11.146 | 3896.15 | 12.561 | 3874.93 | 15.372 | 3862.38 | 19.929 | 3841.33 | 15.942 | 3827.40 |
| 7.225 | 3832.57 | | | 11.13 | 3895.78 | 12.527 | 3874.46 | 15.329 | 3861.95 | 19.928 | 3840.93 | 15.943 | 3827.13 |
| 7.217 | 3832.20 | | | 11.114 | 3895.32 | 12.488 | 3873.96 | 15.283 | 3861.41 | 19.926 | 3840.46 | 15.943 | 3826.70 |
| 7.206 | 3831.80 | | | 11.099 | 3894.91 | 12.459 | 3873.49 | 15.243 | 3860.94 | 19.927 | 3840.09 | 15.943 | 3826.23 |
| 7.199 | 3831.53 | | | 11.082 | 3894.55 | 12.43 | 3873.03 | 15.196 | 3860.54 | 19.927 | 3839.69 | 15.943 | 3825.90 |
| 7.194 | 3831.40 | | | 11.061 | 3894.11 | 12.39 | 3872.42 | 15.148 | 3860.11 | 19.927 | 3839.32 | 15.943 | 3825.56 |
| 7.187 | 3831.13 | | | 11.038 | 3893.68 | 12.351 | 3872.02 | 15.098 | 3859.61 | 19.926 | 3838.79 | 15.943 | 3825.23 |
| 7.184 | 3830.76 | | | 11.011 | 3893.24 | 12.309 | 3871.59 | 15.048 | 3859.27 | 19.924 | 3838.39 | 15.943 | 3824.86 |
| 7.182 | 3830.30 | | | 10.972 | 3892.74 | 12.267 | 3871.12 | 15.003 | 3858.84 | 19.919 | 3837.98 | 15.943 | 3824.56 |
| 7.177 | 3830.00 | | | 10.943 | 3892.34 | 12.225 | 3870.68 | 14.963 | 3858.40 | 19.913 | 3837.58 | 15.943 | 3824.16 |
| 7.164 | 3829.63 | | | 10.917 | 3891.90 | 12.185 | 3870.25 | 14.914 | 3857.83 | 19.907 | 3837.22 | 15.943 | 3823.85 |
| 7.151 | 3829.29 | | | 10.893 | 3891.47 | 12.146 | 3869.75 | 14.881 | 3857.43 | 19.903 | 3836.81 | 15.943 | 3823.55 |
| 7.141 | 3828.96 | | | 10.87 | 3891.07 | 12.107 | 3869.31 | 14.852 | 3857.00 | 19.898 | 3836.41 | 15.943 | 3823.25 |
| 7.132 | 3828.62 | | | 10.847 | 3890.70 | 12.07 | 3868.88 | 14.826 | 3856.59 | 19.896 | 3836.04 | 15.942 | 3822.95 |
| 7.121 | 3828.36 | | | 10.825 | 3890.30 | 12.035 | 3868.41 | 14.799 | 3856.23 | 19.894 | 3835.64 | 15.942 | 3822.68 |
| 7.105 | 3827.89 | | | 10.805 | 3889.86 | 12.003 | 3867.97 | 14.771 | 3855.76 | 19.892 | 3835.24 | 15.942 | 3822.28 |
| 7.096 | 3827.62 | | | 10.787 | 3889.53 | 11.965 | 3867.51 | 14.733 | 3855.36 | 19.892 | 3834.87 | 15.942 | 3822.01 |
| 7.082 | 3827.29 | | | 10.773 | 3889.13 | 11.942 | 3867.24 | 14.69 | 3855.06 | 19.89 | 3834.37 | 15.942 | 3821.65 |
| 7.071 | 3826.98 | | | 10.758 | 3888.66 | 11.92 | 3866.94 | 14.64 | 3854.59 | 19.886 | 3833.94 | 15.941 | 3821.35 |
| 7.05 | 3826.55 | | | 10.742 | 3888.12 | 11.899 | 3866.54 | 14.591 | 3854.25 | 19.877 | 3833.53 | 15.941 | 3821.04 |
| 7.041 | 3826.28 | | | 10.73 | 3887.69 | 11.882 | 3866.23 | 14.543 | 3853.99 | 19.869 | 3833.17 | 15.941 | 3820.78 |
| 7.033 | 3826.05 | | | 10.72 | 3887.29 | 11.868 | 3865.83 | 14.484 | 3853.58 | 19.862 | 3832.87 | 15.942 | 3820.31 |
| 7.021 | 3825.65 | | | 10.712 | 3886.85 | 11.857 | 3865.57 | 14.438 | 3853.28 | 19.856 | 3832.56 | 15.941 | 3819.71 |
| 7.015 | 3825.38 | | | 10.707 | 3886.45 | 11.838 | 3865.20 | 14.396 | 3852.95 | 19.851 | 3832.26 | 15.941 | 3819.27 |
| 7.006 | 3824.94 | | | 10.702 | 3886.02 | 11.824 | 3864.86 | 14.344 | 3852.45 | 19.845 | 3831.96 | 15.942 | 3818.90 |
| 7.002 | 3824.68 | | | 10.697 | 3885.61 | 11.802 | 3864.39 | 14.313 | 3852.14 | 19.827 | 3831.63 | 15.942 | 3818.53 |
| 6.996 | 3824.24 | | | 10.685 | 3885.18 | 11.782 | 3864.03 | 14.284 | 3851.84 | 19.785 | 3831.29 | 15.942 | 3818.17 |
| 6.994 | 3823.94 | | | 10.662 | 3884.78 | 11.758 | 3863.66 | 14.257 | 3851.54 | 19.731 | 3830.93 | 15.942 | 3817.90 |
| 6.99 | 3823.57 | | | 10.641 | 3884.34 | 11.731 | 3863.26 | 14.226 | 3851.17 | 19.658 | 3830.52 | 15.941 | 3817.60 |
| 6.989 | 3823.27 | | | 10.616 | 3883.94 | 11.706 | 3862.89 | 14.191 | 3850.84 | 19.593 | 3830.19 | 15.941 | 3817.26 |
| 6.988 | 3822.94 | | | 10.58 | 3883.37 | 11.678 | 3862.49 | 14.158 | 3850.51 | 19.52 | 3829.85 | 15.94 | 3816.93 |
| 6.987 | 3822.60 | | | 10.55 | 3882.94 | 11.666 | 3862.19 | 14.117 | 3850.00 | 19.44 | 3829.52 | 15.941 | 3816.59 |
| 6.986 | 3822.27 | | | 10.523 | 3882.50 | 11.655 | 3861.85 | 14.088 | 3849.60 | 19.364 | 3829.19 | 15.94 | 3816.23 |
| 6.984 | 3822.00 | | | 10.502 | 3882.10 | 11.64 | 3861.58 | 14.061 | 3849.30 | 19.29 | 3828.82 | 15.94 | 3815.83 |
| 6.977 | 3821.50 | | | 10.484 | 3881.77 | 11.618 | 3861.18 | 14.032 | 3848.90 | 19.196 | 3828.45 | 15.941 | 3815.49 |
| 6.972 | 3821.20 | | | 10.474 | 3881.60 | 11.599 | 3860.82 | 14.005 | 3848.50 | 19.091 | 3828.12 | 15.94 | 3815.16 |
| 6.968 | 3820.90 | | | 10.448 | 3881.37 | 11.579 | 3860.51 | 13.976 | 3848.13 | 18.95 | 3827.81 | 15.941 | 3814.82 |
| 6.964 | 3820.53 | | | 10.444 | 3880.83 | 11.559 | 3860.21 | 13.947 | 3847.80 | 18.794 | 3827.51 | 15.941 | 3814.49 |
| 6.958 | 3820.09 | | | 10.44 | 3880.53 | 11.526 | 3859.81 | 13.921 | 3847.36 | 18.642 | 3827.25 | 15.941 | 3814.15 |
| 6.95 | 3819.83 | | | 10.437 | 3880.19 | 11.503 | 3859.51 | 13.894 | 3846.99 | 18.46 | 3826.88 | 15.941 | 3813.82 |
| 6.945 | 3819.52 | | | 10.433 | 3879.86 | 11.48 | 3859.21 | 13.866 | 3846.62 | 18.339 | 3826.64 | 15.941 | 3813.48 |
| 6.94 | 3819.39 | | | 10.428 | 3879.49 | 11.456 | 3858.87 | 13.837 | 3846.26 | 18.179 | 3826.28 | 15.94 | 3813.12 |
| 6.933 | 3819.06 | | | 10.421 | 3879.09 | 11.425 | 3858.44 | 13.798 | 3845.82 | 17.983 | 3825.91 | 15.938 | 3812.78 |
| 6.93 | 3818.65 | | | 10.417 | 3878.72 | 11.408 | 3858.11 | 13.769 | 3845.49 | 17.757 | 3825.54 | 15.937 | 3812.45 |
| 6.926 | 3818.12 | | | 10.412 | 3878.22 | 11.393 | 3857.84 | 13.743 | 3845.19 | 17.609 | 3825.34 | 15.937 | 3812.01 |
| 6.921 | 3817.85 | | | 10.408 | 3877.82 | 11.377 | 3857.40 | 13.711 | 3844.89 | 17.399 | 3825.00 | 15.936 | 3811.68 |
| 6.917 | 3817.55 | | | 10.404 | 3877.42 | 11.366 | 3857.10 | 13.694 | 3844.62 | 17.194 | 3824.64 | 15.936 | 3811.38 |
| 6.914 | 3817.22 | | | 10.4 | 3877.02 | 11.356 | 3856.80 | 13.664 | 3844.18 | 16.933 | 3824.20 | 15.936 | 3811.01 |
| 6.913 | 3816.98 | | | 10.394 | 3876.61 | 11.347 | 3856.50 | 13.644 | 3843.95 | 16.807 | 3823.93 | 15.936 | 3810.71 |
| 6.912 | 3816.55 | | | 10.387 | 3876.25 | 11.337 | 3856.16 | 13.616 | 3843.51 | 16.687 | 3823.63 | 15.936 | 3810.41 |
| 6.911 | 3816.14 | | | 10.38 | 3875.78 | 11.325 | 3855.76 | 13.59 | 3843.11 | 16.487 | 3823.20 | 15.936 | 3810.14 |
| 6.909 | 3815.84 | | | 10.374 | 3875.38 | 11.313 | 3855.43 | 13.567 | 3842.81 | 16.359 | 3822.96 | 15.936 | 3809.97 |
| 6.906 | 3815.48 | | | 10.369 | 3874.98 | 11.302 | 3855.09 | 13.53 | 3842.34 | 16.172 | 3822.63 | 15.936 | 3809.57 |
| 6.903 | 3815.11 | | | 10.363 | 3874.57 | 11.29 | 3854.76 | 13.497 | 3841.97 | 16.016 | 3822.29 | 15.936 | 3809.17 |
| 6.897 | 3814.71 | | | 10.358 | 3874.17 | 11.279 | 3854.39 | 13.465 | 3841.61 | 15.854 | 3821.93 | 15.936 | 3808.97 |
| 6.887 | 3814.37 | | | 10.351 | 3873.64 | 11.268 | 3853.99 | 13.432 | 3841.24 | 15.746 | 3821.62 | 15.936 | 3808.60 |
| 6.878 | 3814.04 | | | 10.347 | 3873.27 | 11.254 | 3853.56 | 13.401 | 3840.87 | 15.649 | 3821.26 | 15.934 | 3808.30 |
| 6.869 | 3813.74 | | | 10.342 | 3872.87 | 11.242 | 3853.19 | 13.373 | 3840.47 | 15.588 | 3820.99 | 15.934 | 3807.90 |
| 6.863 | 3813.40 | | | 10.338 | 3872.47 | 11.228 | 3852.82 | 13.349 | 3840.07 | 15.514 | 3820.65 | 15.934 | 3807.60 |
| 6.859 | 3813.13 | | | 10.335 | 3872.10 | 11.212 | 3852.45 | 13.325 | 3839.67 | 15.45 | 3820.29 | 15.933 | 3807.19 |

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.855 | 3812.90 | | | 10.331 | 3871.70 | 11.194 | 3852.08 | 13.303 | 3839.23 | 15.4 | 3819.99 | 15.933 | 3806.83 |
| 6.851 | 3812.57 | | | 10.327 | 3871.33 | 11.177 | 3851.72 | 13.281 | 3838.83 | 15.341 | 3819.72 | 15.932 | 3806.52 |
| 6.848 | 3812.36 | | | 10.323 | 3870.93 | 11.162 | 3851.38 | 13.258 | 3838.46 | 15.323 | 3819.28 | 15.931 | 3806.19 |
| 6.846 | 3811.86 | | | 10.317 | 3870.53 | 11.149 | 3851.01 | 13.229 | 3837.96 | 15.304 | 3818.98 | 15.93 | 3805.89 |
| 6.844 | 3811.49 | | | 10.304 | 3870.16 | 11.137 | 3850.71 | 13.205 | 3837.53 | 15.277 | 3818.68 | 15.929 | 3805.62 |
| 6.843 | 3811.29 | | | 10.289 | 3869.72 | 11.126 | 3850.34 | 13.179 | 3837.12 | 15.244 | 3818.35 | 15.926 | 3805.12 |
| 6.843 | 3810.93 | | | 10.269 | 3869.15 | 11.112 | 3849.91 | 13.15 | 3836.69 | 15.212 | 3817.94 | 15.925 | 3804.72 |
| 6.844 | 3810.59 | | | 10.262 | 3868.72 | 11.096 | 3849.47 | 13.127 | 3836.35 | 15.176 | 3817.61 | 15.924 | 3804.42 |
| 6.843 | 3810.29 | | | 10.256 | 3868.35 | 11.084 | 3849.11 | 13.105 | 3835.99 | 15.132 | 3817.21 | 15.923 | 3804.12 |
| 6.842 | 3809.86 | | | 10.251 | 3867.92 | 11.072 | 3848.74 | 13.082 | 3835.62 | 15.103 | 3817.01 | 15.922 | 3803.92 |
| 6.842 | 3809.62 | | | 10.246 | 3867.51 | 11.061 | 3848.37 | 13.059 | 3835.22 | 15.053 | 3816.57 | 15.922 | 3803.58 |
| 6.84 | 3809.19 | | | 10.242 | 3867.15 | 11.051 | 3848.00 | 13.036 | 3834.92 | 15.042 | 3816.24 | 15.921 | 3803.21 |
| 6.839 | 3808.85 | | | 10.237 | 3866.75 | 11.042 | 3847.63 | 13.013 | 3834.51 | 15.019 | 3815.90 | 15.919 | 3802.91 |
| 6.837 | 3808.52 | | | 10.227 | 3866.38 | 11.034 | 3847.23 | 12.984 | 3834.15 | 14.985 | 3815.57 | 15.913 | 3802.44 |
| 6.834 | 3808.22 | | | 10.218 | 3865.98 | 11.027 | 3846.90 | 12.941 | 3833.68 | 14.949 | 3815.27 | 15.908 | 3802.18 |
| 6.832 | 3807.88 | | | 10.21 | 3865.57 | 11.019 | 3846.50 | 12.909 | 3833.34 | 14.909 | 3814.97 | 15.904 | 3801.87 |
| 6.828 | 3807.58 | | | 10.2 | 3865.21 | 11.01 | 3846.13 | 12.879 | 3833.01 | 14.884 | 3814.57 | 15.896 | 3801.57 |
| 6.828 | 3807.11 | | | 10.19 | 3864.70 | 11 | 3845.76 | 12.849 | 3832.64 | 14.859 | 3814.16 | 15.879 | 3801.17 |
| 6.827 | 3806.81 | | | 10.184 | 3864.34 | 10.986 | 3845.26 | 12.818 | 3832.34 | 14.845 | 3813.93 | 15.854 | 3800.84 |
| 6.826 | 3806.48 | | | 10.179 | 3863.93 | 10.975 | 3844.89 | 12.784 | 3832.07 | 14.826 | 3813.56 | 15.842 | 3800.57 |
| 6.824 | 3806.14 | | | 10.173 | 3863.53 | 10.963 | 3844.52 | 12.753 | 3831.77 | 14.812 | 3813.19 | 15.829 | 3800.27 |
| 6.823 | 3805.81 | | | 10.167 | 3863.13 | 10.951 | 3844.15 | 12.723 | 3831.50 | 14.802 | 3812.93 | 15.823 | 3799.73 |
| 6.821 | 3805.41 | | | 10.16 | 3862.66 | 10.936 | 3843.69 | 12.675 | 3831.24 | 14.786 | 3812.53 | 15.811 | 3799.47 |
| 6.816 | 3805.07 | | | 10.152 | 3862.26 | 10.925 | 3843.32 | 12.605 | 3830.90 | 14.771 | 3812.22 | 15.792 | 3799.16 |
| 6.813 | 3804.60 | | | 10.145 | 3861.89 | 10.914 | 3842.98 | 12.567 | 3830.47 | 14.75 | 3811.96 | 15.764 | 3798.90 |
| 6.81 | 3804.27 | | | 10.137 | 3861.49 | 10.905 | 3842.62 | 12.544 | 3830.20 | 14.713 | 3811.49 | 15.708 | 3798.50 |
| 6.807 | 3803.90 | | | 10.13 | 3861.09 | 10.896 | 3842.21 | 12.507 | 3829.80 | 14.698 | 3811.22 | 15.678 | 3798.19 |
| 6.804 | 3803.57 | | | 10.124 | 3860.69 | 10.888 | 3841.85 | 12.48 | 3829.43 | 14.68 | 3810.85 | 15.645 | 3797.93 |
| 6.802 | 3803.20 | | | 10.118 | 3860.19 | 10.881 | 3841.48 | 12.452 | 3829.13 | 14.663 | 3810.48 | 15.591 | 3797.49 |
| 6.799 | 3802.83 | | | 10.115 | 3859.79 | 10.871 | 3841.01 | 12.424 | 3828.83 | 14.649 | 3810.18 | 15.54 | 3797.19 |
| 6.797 | 3802.46 | | | 10.113 | 3859.42 | 10.864 | 3840.68 | 12.398 | 3828.53 | 14.621 | 3809.82 | 15.453 | 3796.89 |
| 6.796 | 3802.09 | | | 10.112 | 3859.05 | 10.857 | 3840.31 | 12.364 | 3828.16 | 14.6 | 3809.55 | 15.359 | 3796.49 |
| 6.794 | 3801.73 | | | 10.111 | 3858.65 | 10.85 | 3839.91 | 12.339 | 3827.89 | 14.566 | 3809.18 | 15.306 | 3796.19 |
| 6.788 | 3801.36 | | | 10.11 | 3858.28 | 10.843 | 3839.57 | 12.307 | 3827.46 | 14.524 | 3808.74 | 15.268 | 3795.89 |
| 6.783 | 3801.02 | | | 10.108 | 3857.88 | 10.835 | 3839.30 | 12.285 | 3827.09 | 14.501 | 3808.51 | 15.234 | 3795.45 |
| 6.78 | 3800.52 | | | 10.105 | 3857.51 | 10.827 | 3839.00 | 12.265 | 3826.75 | 14.472 | 3808.21 | 15.218 | 3795.18 |
| 6.776 | 3800.19 | | | 10.102 | 3857.11 | 10.819 | 3838.70 | 12.245 | 3826.42 | 14.448 | 3807.94 | 15.206 | 3794.88 |
| 6.772 | 3799.82 | | | 10.1 | 3856.74 | 10.81 | 3838.33 | 12.223 | 3826.05 | 14.42 | 3807.61 | 15.188 | 3794.45 |
| 6.772 | 3799.42 | | | 10.097 | 3856.27 | 10.798 | 3838.00 | 12.197 | 3825.62 | 14.377 | 3807.27 | 15.174 | 3794.15 |
| 6.771 | 3799.05 | | | 10.095 | 3855.77 | 10.788 | 3837.66 | 12.173 | 3825.28 | 14.367 | 3806.97 | 15.164 | 3793.88 |
| 6.768 | 3798.71 | | | 10.094 | 3855.37 | 10.773 | 3837.23 | 12.152 | 3824.95 | 14.345 | 3806.57 | 15.147 | 3793.38 |
| 6.758 | 3798.38 | | | 10.092 | 3855.00 | 10.762 | 3836.86 | 12.126 | 3824.44 | 14.335 | 3806.24 | 15.138 | 3793.14 |
| 6.755 | 3798.08 | | | 10.088 | 3854.60 | 10.752 | 3836.53 | 12.108 | 3824.11 | 14.325 | 3805.73 | 15.129 | 3792.94 |
| 6.744 | 3797.74 | | | 10.087 | 3854.27 | 10.743 | 3836.19 | 12.091 | 3823.74 | 14.317 | 3805.37 | 15.115 | 3792.54 |
| 6.728 | 3797.41 | | | 10.085 | 3853.90 | 10.734 | 3835.86 | 12.075 | 3823.44 | 14.309 | 3805.00 | 15.102 | 3792.21 |
| 6.714 | 3797.08 | | | 10.083 | 3853.50 | 10.726 | 3835.49 | 12.061 | 3823.14 | 14.301 | 3804.76 | 15.092 | 3791.80 |
| 6.701 | 3796.64 | | | 10.08 | 3853.13 | 10.719 | 3835.12 | 12.047 | 3822.84 | 14.293 | 3804.56 | 15.083 | 3791.60 |
| 6.692 | 3796.31 | | | 10.077 | 3852.73 | 10.712 | 3834.79 | 12.033 | 3822.50 | 14.274 | 3804.33 | 15.072 | 3791.27 |
| 6.678 | 3795.94 | | | 10.074 | 3852.36 | 10.705 | 3834.45 | 12.019 | 3822.20 | 14.251 | 3803.93 | 15.062 | 3790.83 |
| 6.665 | 3795.60 | | | 10.07 | 3851.96 | 10.699 | 3834.08 | 12 | 3821.80 | 14.236 | 3803.63 | 15.05 | 3790.50 |
| 6.654 | 3795.24 | | | 10.063 | 3851.46 | 10.693 | 3833.72 | 11.989 | 3821.50 | 14.224 | 3803.22 | 15.033 | 3790.20 |
| 6.646 | 3794.90 | | | 10.057 | 3851.09 | 10.685 | 3833.25 | 11.97 | 3820.96 | 14.212 | 3802.86 | 15.018 | 3789.83 |
| 6.639 | 3794.53 | | | 10.052 | 3850.69 | 10.679 | 3832.88 | 11.959 | 3820.63 | 14.198 | 3802.49 | 15.004 | 3789.56 |
| 6.633 | 3794.13 | | | 10.047 | 3850.32 | 10.674 | 3832.55 | 11.947 | 3820.33 | 14.182 | 3802.22 | 14.987 | 3789.16 |
| 6.627 | 3793.70 | | | 10.038 | 3849.85 | 10.667 | 3832.11 | 11.932 | 3819.96 | 14.153 | 3801.99 | 14.976 | 3788.79 |
| 6.623 | 3793.30 | | | 10.029 | 3849.45 | 10.661 | 3831.78 | 11.919 | 3819.66 | 14.133 | 3801.59 | 14.968 | 3788.53 |
| 6.62 | 3792.93 | | | 10.02 | 3849.08 | 10.656 | 3831.41 | 11.906 | 3819.43 | 14.107 | 3801.25 | 14.957 | 3788.12 |
| 6.617 | 3792.46 | | | 10.012 | 3848.71 | 10.651 | 3831.07 | 11.893 | 3819.12 | 14.085 | 3800.98 | 14.949 | 3787.79 |
| 6.615 | 3792.09 | | | 10.006 | 3848.31 | 10.643 | 3830.71 | 11.878 | 3818.82 | 14.061 | 3800.55 | 14.938 | 3787.46 |
| 6.612 | 3791.69 | | | 9.996 | 3847.94 | 10.639 | 3830.44 | 11.862 | 3818.49 | 14.051 | 3800.18 | 14.928 | 3787.15 |
| 6.609 | 3791.32 | | | 9.985 | 3847.54 | 10.632 | 3829.97 | 11.838 | 3818.05 | 14.038 | 3799.71 | 14.916 | 3786.85 |
| 6.605 | 3790.95 | | | 9.971 | 3847.07 | 10.624 | 3829.63 | 11.824 | 3817.75 | 14.028 | 3799.48 | 14.902 | 3786.55 |
| 6.602 | 3790.59 | | | 9.962 | 3846.67 | 10.618 | 3829.37 | 11.807 | 3817.32 | 14.013 | 3799.11 | 14.873 | 3786.08 |
| 6.599 | 3790.22 | | | 9.952 | 3846.30 | 10.611 | 3829.10 | 11.791 | 3816.98 | 13.995 | 3798.81 | 14.851 | 3785.78 |
| 6.598 | 3789.85 | | | 9.943 | 3845.94 | 10.605 | 3828.77 | 11.772 | 3816.72 | 13.973 | 3798.51 | 14.825 | 3785.48 |
| 6.597 | 3789.48 | | | 9.933 | 3845.57 | 10.596 | 3828.30 | 11.754 | 3816.38 | 13.952 | 3798.21 | 14.797 | 3785.18 |
| 6.595 | 3789.11 | | | 9.925 | 3845.23 | 10.589 | 3828.00 | 11.736 | 3816.08 | 13.933 | 3797.87 | 14.769 | 3784.85 |
| 6.592 | 3788.75 | | | 9.916 | 3844.97 | 10.584 | 3827.69 | 11.722 | 3815.78 | 13.916 | 3797.47 | 14.723 | 3784.41 |
| 6.589 | 3788.28 | | | 9.909 | 3844.73 | 10.577 | 3827.39 | 11.709 | 3815.51 | 13.899 | 3797.14 | 14.673 | 3783.98 |
| 6.587 | 3787.94 | | | 9.899 | 3844.50 | 10.572 | 3827.06 | 11.693 | 3815.04 | 13.886 | 3796.90 | 14.638 | 3783.67 |
| 6.586 | 3787.51 | | | 9.89 | 3844.06 | 10.565 | 3826.69 | 11.682 | 3814.71 | 13.861 | 3796.53 | 14.596 | 3783.31 |
| 6.585 | 3787.21 | | | 9.885 | 3843.66 | 10.557 | 3826.29 | 11.673 | 3814.41 | 13.844 | 3796.17 | 14.564 | 3783.04 |
| 6.585 | 3786.84 | | | 9.882 | 3843.29 | 10.55 | 3825.95 | 11.661 | 3814.01 | 13.823 | 3795.80 | 14.535 | 3782.70 |
| 6.585 | 3786.54 | | | 9.879 | 3842.99 | 10.543 | 3825.62 | 11.653 | 3813.67 | 13.808 | 3795.53 | 14.507 | 3782.44 |
| 6.585 | 3786.04 | | | 9.877 | 3842.66 | 10.537 | 3825.29 | 11.644 | 3813.34 | 13.784 | 3795.09 | 14.481 | 3782.14 |
| 6.585 | 3785.70 | | | 9.875 | 3842.36 | 10.531 | 3824.95 | 11.635 | 3813.04 | 13.764 | 3794.79 | 14.453 | 3781.87 |
| 6.585 | 3785.40 | | | 9.873 | 3842.02 | 10.525 | 3824.65 | 11.625 | 3812.70 | 13.727 | 3794.33 | 14.413 | 3781.50 |
| 6.584 | 3785.13 | | | 9.871 | 3841.72 | 10.52 | 3824.32 | 11.615 | 3812.33 | 13.706 | 3794.02 | 14.38 | 3781.17 |
| 6.583 | 3784.70 | | | 9.869 | 3841.39 | 10.513 | 3824.01 | 11.605 | 3812.03 | 13.685 | 3793.72 | 14.355 | 3780.83 |
| 6.582 | 3784.40 | | | 9.866 | 3841.05 | 10.508 | 3823.68 | 11.595 | 3811.70 | 13.663 | 3793.42 | 14.33 | 3780.53 |
| 6.581 | 3784.16 | | | 9.864 | 3840.75 | 10.502 | 3823.41 | 11.586 | 3811.40 | 13.641 | 3793.09 | 14.31 | 3780.20 |
| 6.581 | 3783.76 | | | 9.861 | 3840.32 | 10.497 | 3823.11 | 11.575 | 3811.03 | 13.617 | 3792.79 | 14.285 | 3779.79 |
| 6.58 | 3783.43 | | | 9.857 | 3839.85 | 10.488 | 3822.54 | 11.562 | 3810.69 | 13.588 | 3792.49 | 14.27 | 3779.49 |
| 6.579 | 3783.16 | | | 9.854 | 3839.51 | 10.484 | 3822.24 | 11.545 | 3810.29 | 13.557 | 3792.15 | 14.255 | 3779.12 |
| 6.58 | 3782.82 | | | 9.851 | 3839.14 | 10.478 | 3821.97 | 11.533 | 3809.96 | 13.524 | 3791.82 | 14.239 | 3778.79 |
| 6.58 | 3782.52 | | | 9.848 | 3838.84 | 10.473 | 3821.71 | 11.519 | 3809.62 | 13.474 | 3791.41 | 14.226 | 3778.39 |
| 6.58 | 3782.09 | | | 9.844 | 3838.41 | 10.468 | 3821.34 | 11.501 | 3809.26 | 13.44 | 3791.11 | 14.212 | 3777.99 |
| 6.579 | 3781.75 | | | 9.84 | 3838.07 | 10.464 | 3821.04 | 11.488 | 3808.95 | 13.404 | 3790.68 | 14.2 | 3777.72 |
| 6.579 | 3781.35 | | | 9.834 | 3837.71 | 10.457 | 3820.64 | 11.474 | 3808.65 | 13.376 | 3790.41 | 14.189 | 3777.45 |
| 6.579 | 3781.05 | | | 9.826 | 3837.34 | 10.452 | 3820.37 | 11.462 | 3808.32 | 13.35 | 3790.08 | 14.18 | 3777.15 |
| 6.577 | 3780.68 | | | 9.819 | 3837.04 | 10.448 | 3820.07 | 11.45 | 3808.02 | 13.326 | 3789.74 | 14.17 | 3776.85 |
| 6.576 | 3780.31 | | | 9.812 | 3836.70 | 10.441 | 3819.73 | 11.439 | 3807.65 | 13.302 | 3789.44 | 14.157 | 3776.41 |
| 6.575 | 3780.01 | | | 9.803 | 3836.37 | 10.433 | 3819.33 | 11.427 | 3807.32 | 13.279 | 3789.11 | 14.146 | 3776.08 |

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.574 | 3779.68 | | | 9.791 | 3835.93 | 10.425 | 3819.03 | 11.416 | 3806.98 | 13.257 | 3788.84 | 14.135 | 3775.78 |
| 6.572 | 3779.31 | | | 9.782 | 3835.60 | 10.418 | 3818.70 | 11.4 | 3806.58 | 13.228 | 3788.37 | 14.12 | 3775.41 |
| 6.571 | 3778.94 | | | 9.774 | 3835.23 | 10.412 | 3818.36 | 11.389 | 3806.28 | 13.21 | 3788.04 | 14.108 | 3775.01 |
| 6.57 | 3778.61 | | | 9.768 | 3834.90 | 10.406 | 3818.03 | 11.379 | 3805.94 | 13.19 | 3787.70 | 14.097 | 3774.68 |
| 6.569 | 3778.24 | | | 9.763 | 3834.56 | 10.401 | 3817.69 | 11.369 | 3805.61 | 13.165 | 3787.30 | 14.083 | 3774.37 |
| 6.569 | 3777.87 | | | 9.76 | 3834.23 | 10.393 | 3817.32 | 11.36 | 3805.31 | 13.147 | 3787.00 | 14.069 | 3774.07 |
| 6.568 | 3777.40 | | | 9.758 | 3833.89 | 10.388 | 3817.02 | 11.351 | 3805.07 | 13.131 | 3786.66 | 14.056 | 3773.77 |
| 6.567 | 3777.04 | | | 9.756 | 3833.52 | 10.383 | 3816.69 | 11.339 | 3804.77 | 13.115 | 3786.33 | 14.041 | 3773.44 |
| 6.567 | 3776.67 | | | 9.754 | 3833.19 | 10.376 | 3816.45 | 11.329 | 3804.34 | 13.099 | 3786.06 | 14.024 | 3773.14 |
| 6.566 | 3776.23 | | | 9.745 | 3832.75 | 10.363 | 3816.12 | 11.319 | 3804.00 | 13.081 | 3785.69 | 14.005 | 3772.77 |
| 6.565 | 3775.86 | | | 9.734 | 3832.42 | 10.351 | 3815.68 | 11.311 | 3803.84 | 13.063 | 3785.36 | 13.982 | 3772.43 |
| 6.565 | 3775.50 | | | 9.72 | 3831.95 | 10.345 | 3815.35 | 11.3 | 3803.47 | 13.045 | 3785.02 | 13.965 | 3772.13 |
| 6.564 | 3775.10 | | | 9.71 | 3831.62 | 10.337 | 3815.02 | 11.291 | 3803.03 | 13.025 | 3784.72 | 13.932 | 3771.60 |
| 6.563 | 3774.73 | | | 9.703 | 3831.25 | 10.332 | 3814.75 | 11.283 | 3802.77 | 13.005 | 3784.42 | 13.911 | 3771.30 |
| 6.562 | 3774.33 | | | 9.694 | 3830.91 | 10.322 | 3814.25 | 11.274 | 3802.50 | 12.984 | 3784.12 | 13.892 | 3771.00 |
| 6.562 | 3773.96 | | | 9.682 | 3830.55 | 10.313 | 3813.94 | 11.268 | 3802.13 | 12.954 | 3783.62 | 13.874 | 3770.69 |
| 6.561 | 3773.59 | | | 9.672 | 3830.21 | 10.303 | 3813.64 | 11.259 | 3801.69 | 12.935 | 3783.32 | 13.859 | 3770.46 |
| 6.559 | 3773.09 | | | 9.664 | 3829.84 | 10.295 | 3813.31 | 11.252 | 3801.43 | 12.913 | 3783.02 | 13.84 | 3770.02 |
| 6.555 | 3772.72 | | | 9.657 | 3829.51 | 10.287 | 3813.01 | 11.243 | 3801.06 | 12.889 | 3782.72 | 13.828 | 3769.76 |
| 6.553 | 3772.35 | | | 9.652 | 3829.17 | 10.278 | 3812.57 | 11.235 | 3800.69 | 12.865 | 3782.42 | 13.812 | 3769.42 |
| 6.553 | 3771.95 | | | 9.648 | 3828.81 | 10.273 | 3812.24 | 11.229 | 3800.36 | 12.839 | 3782.08 | 13.802 | 3769.16 |
| 6.551 | 3771.58 | | | 9.644 | 3828.47 | 10.268 | 3811.87 | 11.223 | 3800.09 | 12.812 | 3781.75 | 13.788 | 3768.75 |
| 6.549 | 3771.21 | | | 9.639 | 3828.00 | 10.264 | 3811.54 | 11.219 | 3799.75 | 12.786 | 3781.45 | 13.773 | 3768.42 |
| 6.548 | 3770.91 | | | 9.636 | 3827.67 | 10.259 | 3811.17 | 11.211 | 3799.32 | 12.762 | 3781.14 | 13.762 | 3768.12 |
| 6.547 | 3770.61 | | | 9.633 | 3827.30 | 10.255 | 3810.83 | 11.207 | 3798.98 | 12.729 | 3780.68 | 13.75 | 3767.78 |
| 6.546 | 3770.21 | | | 9.631 | 3826.90 | 10.251 | 3810.43 | 11.202 | 3798.62 | 12.697 | 3780.21 | 13.736 | 3767.45 |
| 6.545 | 3769.88 | | | 9.63 | 3826.53 | 10.248 | 3810.10 | 11.196 | 3798.32 | 12.676 | 3779.87 | 13.717 | 3767.01 |
| 6.544 | 3769.58 | | | 9.629 | 3826.20 | 10.245 | 3809.76 | 11.191 | 3798.01 | 12.655 | 3779.54 | 13.704 | 3766.71 |
| 6.544 | 3769.11 | | | 9.629 | 3825.83 | 10.241 | 3809.39 | 11.185 | 3797.71 | 12.631 | 3779.20 | 13.692 | 3766.45 |
| 6.544 | 3768.77 | | | 9.628 | 3825.49 | 10.238 | 3809.06 | 11.179 | 3797.38 | 12.605 | 3778.87 | 13.675 | 3766.04 |
| 6.543 | 3768.40 | | | 9.626 | 3825.16 | 10.232 | 3808.63 | 11.17 | 3796.98 | 12.577 | 3778.57 | 13.663 | 3765.74 |
| 6.543 | 3768.10 | | | 9.624 | 3824.83 | 10.228 | 3808.29 | 11.161 | 3796.64 | 12.551 | 3778.23 | 13.642 | 3765.34 |
| 6.543 | 3767.77 | | | 9.621 | 3824.46 | 10.224 | 3807.96 | 11.154 | 3796.31 | 12.525 | 3777.97 | 13.629 | 3765.07 |
| 6.543 | 3767.40 | | | 9.615 | 3823.99 | 10.22 | 3807.59 | 11.145 | 3795.97 | 12.497 | 3777.66 | 13.617 | 3764.74 |
| 6.542 | 3767.07 | | | 9.612 | 3823.65 | 10.213 | 3807.25 | 11.136 | 3795.67 | 12.471 | 3777.36 | 13.602 | 3764.47 |
| 6.542 | 3766.73 | | | 9.607 | 3823.32 | 10.206 | 3806.95 | 11.128 | 3795.34 | 12.447 | 3777.10 | 13.577 | 3764.10 |
| 6.541 | 3766.40 | | | 9.602 | 3822.95 | 10.199 | 3806.62 | 11.121 | 3795.00 | 12.413 | 3776.63 | 13.549 | 3763.63 |
| 6.539 | 3766.03 | | | 9.594 | 3822.62 | 10.192 | 3806.28 | 11.113 | 3794.77 | 12.397 | 3776.36 | 13.528 | 3763.37 |
| 6.538 | 3765.69 | | | 9.588 | 3822.25 | 10.186 | 3805.95 | 11.105 | 3794.47 | 12.379 | 3776.06 | 13.51 | 3763.10 |
| 6.534 | 3765.26 | | | 9.581 | 3821.92 | 10.181 | 3805.58 | 11.098 | 3794.07 | 12.347 | 3775.69 | 13.489 | 3762.66 |
| 6.53 | 3764.93 | | | 9.575 | 3821.58 | 10.176 | 3805.25 | 11.09 | 3793.70 | 12.323 | 3775.39 | 13.475 | 3762.36 |
| 6.527 | 3764.49 | | | 9.568 | 3821.15 | 10.171 | 3804.78 | 11.085 | 3793.40 | 12.293 | 3775.06 | 13.454 | 3761.90 |
| 6.525 | 3764.19 | | | 9.563 | 3820.78 | 10.168 | 3804.44 | 11.077 | 3793.10 | 12.266 | 3774.75 | 13.438 | 3761.56 |
| 6.524 | 3763.85 | | | 9.557 | 3820.44 | 10.165 | 3804.11 | 11.07 | 3792.76 | 12.224 | 3774.32 | 13.424 | 3761.23 |
| 6.523 | 3763.49 | | | 9.548 | 3820.01 | 10.161 | 3803.74 | 11.062 | 3792.33 | 12.198 | 3774.02 | 13.41 | 3760.93 |
| 6.522 | 3763.15 | | | 9.542 | 3819.64 | 10.157 | 3803.41 | 11.056 | 3792.06 | 12.175 | 3773.75 | 13.397 | 3760.62 |
| 6.521 | 3762.82 | | | 9.537 | 3819.31 | 10.152 | 3803.07 | 11.047 | 3791.66 | 12.152 | 3773.38 | 13.386 | 3760.32 |
| 6.519 | 3762.48 | | | 9.532 | 3818.94 | 10.148 | 3802.77 | 11.04 | 3791.36 | 12.138 | 3773.08 | 13.377 | 3759.99 |
| 6.518 | 3762.15 | | | 9.528 | 3818.60 | 10.144 | 3802.44 | 11.033 | 3791.06 | 12.117 | 3772.61 | 13.368 | 3759.65 |
| 6.514 | 3761.78 | | | 9.524 | 3818.30 | 10.139 | 3802.10 | 11.023 | 3790.65 | 12.104 | 3772.31 | 13.36 | 3759.35 |
| 6.51 | 3761.35 | | | 9.52 | 3817.93 | 10.134 | 3801.77 | 11.017 | 3790.35 | 12.091 | 3772.01 | 13.353 | 3759.05 |
| 6.505 | 3761.01 | | | 9.516 | 3817.60 | 10.129 | 3801.47 | 11.011 | 3790.02 | 12.078 | 3771.71 | 13.344 | 3758.75 |
| 6.504 | 3760.68 | | | 9.512 | 3817.23 | 10.12 | 3801.06 | 11.004 | 3789.68 | 12.067 | 3771.44 | 13.333 | 3758.38 |
| 6.501 | 3760.31 | | | 9.507 | 3816.90 | 10.114 | 3800.76 | 10.998 | 3789.38 | 12.051 | 3771.01 | 13.326 | 3758.11 |
| 6.5 | 3759.97 | | | 9.502 | 3816.56 | 10.107 | 3800.40 | 10.99 | 3788.91 | 12.041 | 3770.71 | 13.317 | 3757.68 |
| 6.497 | 3759.64 | | | 9.497 | 3816.13 | 10.099 | 3800.09 | 10.984 | 3788.58 | 12.03 | 3770.44 | 13.31 | 3757.45 |
| 6.496 | 3759.27 | | | 9.494 | 3815.79 | 10.09 | 3799.79 | 10.979 | 3788.25 | 12.013 | 3770.04 | 13.294 | 3757.04 |
| 6.494 | 3758.90 | | | 9.49 | 3815.39 | 10.082 | 3799.42 | 10.972 | 3787.88 | 11.992 | 3769.70 | 13.283 | 3756.74 |
| 6.494 | 3758.54 | | | 9.485 | 3815.02 | 10.076 | 3799.09 | 10.968 | 3787.58 | 11.969 | 3769.40 | 13.269 | 3756.44 |
| 6.496 | 3758.20 | | | 9.481 | 3814.69 | 10.07 | 3798.76 | 10.962 | 3787.14 | 11.932 | 3769.00 | 13.257 | 3756.07 |
| 6.497 | 3757.83 | | | 9.478 | 3814.32 | 10.065 | 3798.42 | 10.958 | 3786.81 | 11.909 | 3768.70 | 13.242 | 3755.54 |
| 6.498 | 3757.36 | | | 9.475 | 3813.99 | 10.06 | 3798.12 | 10.953 | 3786.51 | 11.888 | 3768.36 | 13.232 | 3755.34 |
| 6.499 | 3757.00 | | | 9.471 | 3813.65 | 10.055 | 3797.79 | 10.949 | 3786.24 | 11.859 | 3767.96 | 13.224 | 3755.07 |
| 6.497 | 3756.70 | | | 9.468 | 3813.32 | 10.049 | 3797.32 | 10.946 | 3786.00 | 11.842 | 3767.66 | 13.212 | 3754.64 |
| 6.495 | 3756.39 | | | 9.462 | 3812.95 | 10.044 | 3796.98 | 10.941 | 3785.70 | 11.827 | 3767.39 | 13.204 | 3754.37 |
| 6.494 | 3756.06 | | | 9.456 | 3812.61 | 10.039 | 3796.65 | 10.935 | 3785.27 | 11.794 | 3766.89 | 13.195 | 3754.07 |
| 6.494 | 3755.72 | | | 9.446 | 3812.15 | 10.035 | 3796.31 | 10.932 | 3785.00 | 11.773 | 3766.62 | 13.182 | 3753.63 |
| 6.492 | 3755.39 | | | 9.44 | 3811.81 | 10.03 | 3795.98 | 10.927 | 3784.70 | 11.751 | 3766.32 | 13.172 | 3753.33 |
| 6.491 | 3754.92 | | | 9.434 | 3811.48 | 10.023 | 3795.48 | 10.919 | 3784.23 | 11.731 | 3766.02 | 13.162 | 3753.03 |
| 6.49 | 3754.59 | | | 9.428 | 3811.11 | 10.018 | 3795.18 | 10.91 | 3783.83 | 11.713 | 3765.75 | 13.148 | 3752.73 |
| 6.489 | 3754.25 | | | 9.424 | 3810.77 | 10.012 | 3794.81 | 10.903 | 3783.53 | 11.679 | 3765.32 | 13.128 | 3752.33 |
| 6.488 | 3753.92 | | | 9.421 | 3810.44 | 10.005 | 3794.51 | 10.895 | 3783.19 | 11.645 | 3765.05 | 13.113 | 3752.06 |
| 6.486 | 3753.52 | | | 9.417 | 3810.11 | 9.998 | 3794.21 | 10.887 | 3782.89 | 11.591 | 3764.65 | 13.093 | 3751.66 |
| 6.482 | 3753.12 | | | 9.411 | 3809.70 | 9.99 | 3793.67 | 10.879 | 3782.49 | 11.552 | 3764.32 | 13.079 | 3751.32 |
| 6.479 | 3752.78 | | | 9.405 | 3809.37 | 9.986 | 3793.34 | 10.872 | 3782.19 | 11.525 | 3764.02 | 13.068 | 3751.02 |
| 6.477 | 3752.48 | | | 9.401 | 3809.03 | 9.981 | 3793.03 | 10.864 | 3781.89 | 11.499 | 3763.65 | 13.057 | 3750.75 |
| 6.476 | 3752.11 | | | 9.397 | 3808.67 | 9.977 | 3792.70 | 10.855 | 3781.59 | 11.486 | 3763.38 | 13.04 | 3750.32 |
| 6.475 | 3751.78 | | | 9.39 | 3808.27 | 9.974 | 3792.40 | 10.846 | 3781.25 | 11.471 | 3762.94 | 13.026 | 3750.05 |
| 6.474 | 3751.48 | | | 9.385 | 3807.93 | 9.971 | 3792.06 | 10.836 | 3780.95 | 11.462 | 3762.64 | 13.007 | 3749.65 |
| 6.473 | 3751.14 | | | 9.379 | 3807.60 | 9.968 | 3791.73 | 10.827 | 3780.68 | 11.454 | 3762.38 | 12.994 | 3749.32 |
| 6.473 | 3750.81 | | | 9.375 | 3807.23 | 9.967 | 3791.40 | 10.813 | 3780.18 | 11.441 | 3762.11 | 12.984 | 3749.02 |
| 6.473 | 3750.47 | | | 9.369 | 3806.89 | 9.965 | 3791.09 | 10.803 | 3779.92 | 11.423 | 3761.71 | 12.978 | 3748.75 |
| 6.473 | 3750.17 | | | 9.361 | 3806.56 | 9.962 | 3790.79 | 10.793 | 3779.65 | 11.41 | 3761.37 | 12.97 | 3748.35 |
| 6.473 | 3749.74 | | | 9.354 | 3806.22 | 9.958 | 3790.46 | 10.781 | 3779.25 | 11.396 | 3761.00 | 12.962 | 3748.08 |
| 6.473 | 3749.44 | | | 9.349 | 3805.89 | 9.949 | 3790.06 | 10.772 | 3778.95 | 11.384 | 3760.64 | 12.947 | 3747.71 |
| 6.473 | 3749.10 | | | 9.345 | 3805.56 | 9.941 | 3789.76 | 10.763 | 3778.64 | 11.376 | 3760.30 | 12.932 | 3747.41 |
| 6.473 | 3748.77 | | | 9.343 | 3805.22 | 9.932 | 3789.46 | 10.754 | 3778.31 | 11.367 | 3760.03 | 12.918 | 3747.07 |
| 6.473 | 3748.43 | | | 9.342 | 3804.89 | 9.925 | 3789.15 | 10.745 | 3778.01 | 11.359 | 3759.73 | 12.907 | 3746.77 |
| 6.473 | 3748.13 | | | 9.34 | 3804.45 | 9.917 | 3788.85 | 10.731 | 3777.57 | 11.348 | 3759.30 | 12.898 | 3746.31 |
| 6.473 | 3747.73 | | | 9.34 | 3804.05 | 9.907 | 3788.55 | 10.721 | 3777.21 | 11.34 | 3758.96 | 12.895 | 3746.07 |
| 6.468 | 3747.39 | | | 9.34 | 3803.75 | 9.9 | 3788.28 | 10.707 | 3776.80 | 11.334 | 3758.63 | 12.891 | 3745.74 |
| 6.463 | 3747.06 | | | 9.339 | 3803.41 | 9.89 | 3787.85 | 10.697 | 3776.50 | 11.326 | 3758.36 | 12.886 | 3745.30 |
| 6.461 | 3746.76 | | | 9.337 | 3803.08 | 9.884 | 3787.55 | 10.685 | 3776.17 | 11.315 | 3757.93 | 12.881 | 3745.07 |

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.462 | 3746.42 | | | 9.335 | 3802.75 | 9.877 | 3787.28 | 10.674 | 3775.87 | 11.304 | 3757.52 | 12.867 | 3744.70 |
| 6.458 | 3746.02 | | | 9.333 | 3802.41 | 9.863 | 3786.81 | 10.664 | 3775.57 | 11.296 | 3757.22 | 12.845 | 3744.26 |
| 6.456 | 3745.69 | | | 9.328 | 3802.08 | 9.853 | 3786.51 | 10.655 | 3775.26 | 11.288 | 3756.92 | 12.818 | 3743.90 |
| 6.454 | 3745.32 | | | 9.326 | 3801.78 | 9.842 | 3786.21 | 10.645 | 3774.93 | 11.277 | 3756.65 | 12.798 | 3743.63 |
| 6.452 | 3744.99 | | | 9.32 | 3801.44 | 9.83 | 3785.98 | 10.637 | 3774.63 | 11.264 | 3756.35 | 12.78 | 3743.36 |
| 6.451 | 3744.68 | | | 9.311 | 3801.11 | 9.812 | 3785.61 | 10.629 | 3774.29 | 11.251 | 3756.05 | 12.755 | 3742.96 |
| 6.451 | 3744.32 | | | 9.302 | 3800.67 | 9.79 | 3785.17 | 10.622 | 3773.96 | 11.229 | 3755.58 | 12.736 | 3742.66 |
| 6.45 | 3743.98 | | | 9.294 | 3800.34 | 9.774 | 3784.87 | 10.615 | 3773.69 | 11.213 | 3755.28 | 12.713 | 3742.29 |
| 6.449 | 3743.61 | | | 9.285 | 3800.00 | 9.76 | 3784.57 | 10.607 | 3773.26 | 11.199 | 3754.98 | 12.702 | 3742.02 |
| 6.449 | 3743.28 | | | 9.276 | 3799.67 | 9.743 | 3784.20 | 10.6 | 3772.96 | 11.185 | 3754.65 | 12.688 | 3741.62 |
| 6.45 | 3742.95 | | | 9.269 | 3799.33 | 9.733 | 3783.94 | 10.594 | 3772.69 | 11.169 | 3754.28 | 12.678 | 3741.35 |
| 6.449 | 3742.61 | | | 9.263 | 3799.00 | 9.723 | 3783.53 | 10.586 | 3772.29 | 11.158 | 3753.95 | 12.646 | 3740.85 |
| 6.45 | 3742.11 | | | 9.259 | 3798.63 | 9.714 | 3783.17 | 10.58 | 3771.95 | 11.146 | 3753.61 | 12.622 | 3740.58 |
| 6.449 | 3741.77 | | | 9.255 | 3798.30 | 9.707 | 3782.86 | 10.573 | 3771.62 | 11.134 | 3753.28 | 12.605 | 3740.38 |
| 6.449 | 3741.44 | | | 9.252 | 3797.99 | 9.7 | 3782.56 | 10.566 | 3771.32 | 11.12 | 3752.94 | 12.58 | 3740.08 |
| 6.449 | 3741.10 | | | 9.248 | 3797.66 | 9.693 | 3782.26 | 10.553 | 3770.88 | 11.106 | 3752.64 | 12.561 | 3739.58 |
| 6.45 | 3740.80 | | | 9.245 | 3797.33 | 9.682 | 3781.83 | 10.543 | 3770.58 | 11.094 | 3752.34 | 12.551 | 3739.38 |
| 6.45 | 3740.47 | | | 9.241 | 3796.89 | 9.675 | 3781.49 | 10.532 | 3770.25 | 11.083 | 3752.00 | 12.539 | 3739.01 |
| 6.451 | 3740.13 | | | 9.24 | 3796.56 | 9.667 | 3781.19 | 10.517 | 3769.85 | 11.072 | 3751.67 | 12.529 | 3738.64 |
| 6.452 | 3739.80 | | | 9.238 | 3796.22 | 9.66 | 3780.89 | 10.506 | 3769.51 | 11.061 | 3751.34 | 12.52 | 3738.38 |
| 6.451 | 3739.50 | | | 9.235 | 3795.89 | 9.652 | 3780.59 | 10.496 | 3769.24 | 11.046 | 3750.87 | 12.511 | 3738.04 |
| 6.452 | 3739.16 | | | 9.232 | 3795.55 | 9.639 | 3780.15 | 10.486 | 3768.91 | 11.035 | 3750.47 | 12.5 | 3737.64 |
| 6.45 | 3738.83 | | | 9.228 | 3795.22 | 9.629 | 3779.85 | 10.474 | 3768.61 | 11.027 | 3750.10 | 12.492 | 3737.37 |
| 6.449 | 3738.36 | | | 9.226 | 3794.88 | 9.62 | 3779.55 | 10.462 | 3768.31 | 11.021 | 3749.80 | 12.476 | 3736.97 |
| 6.448 | 3738.06 | | | 9.221 | 3794.55 | 9.61 | 3779.25 | 10.45 | 3768.01 | 11.015 | 3749.46 | 12.463 | 3736.67 |
| 6.447 | 3737.73 | | | 9.217 | 3794.21 | 9.594 | 3778.78 | 10.434 | 3767.54 | 11.009 | 3749.13 | 12.438 | 3736.24 |
| 6.447 | 3737.39 | | | 9.215 | 3793.88 | 9.584 | 3778.48 | 10.423 | 3767.24 | 11.003 | 3748.79 | 12.42 | 3735.93 |
| 6.446 | 3737.02 | | | 9.211 | 3793.55 | 9.574 | 3778.18 | 10.411 | 3766.93 | 10.998 | 3748.49 | 12.387 | 3735.57 |
| 6.446 | 3736.66 | | | 9.203 | 3793.04 | 9.56 | 3777.81 | 10.394 | 3766.47 | 10.989 | 3748.09 | 12.347 | 3735.20 |
| 6.443 | 3736.19 | | | 9.2 | 3792.71 | 9.546 | 3777.51 | 10.384 | 3766.13 | 10.982 | 3747.76 | 12.318 | 3734.93 |
| 6.443 | 3735.85 | | | 9.197 | 3792.37 | 9.53 | 3777.18 | 10.375 | 3765.86 | 10.974 | 3747.45 | 12.295 | 3734.73 |
| 6.442 | 3735.52 | | | 9.194 | 3792.04 | 9.516 | 3776.84 | 10.367 | 3765.53 | 10.97 | 3747.12 | 12.268 | 3734.40 |
| 6.441 | 3735.18 | | | 9.191 | 3791.71 | 9.498 | 3776.47 | 10.359 | 3765.23 | 10.964 | 3746.69 | 12.242 | 3733.96 |
| 6.441 | 3734.75 | | | 9.19 | 3791.37 | 9.488 | 3776.17 | 10.349 | 3764.93 | 10.959 | 3746.35 | 12.22 | 3733.69 |
| 6.441 | 3734.38 | | | 9.188 | 3791.04 | 9.478 | 3775.84 | 10.337 | 3764.66 | 10.953 | 3746.02 | 12.183 | 3733.29 |
| 6.441 | 3734.05 | | | 9.186 | 3790.70 | 9.47 | 3775.54 | 10.316 | 3764.33 | 10.949 | 3745.68 | 12.147 | 3732.89 |
| 6.44 | 3733.71 | | | 9.185 | 3790.33 | 9.459 | 3775.24 | 10.302 | 3763.96 | 10.946 | 3745.38 | 12.117 | 3732.52 |
| 6.437 | 3733.38 | | | 9.182 | 3790.03 | 9.444 | 3774.80 | 10.287 | 3763.46 | 10.943 | 3745.05 | 12.095 | 3732.25 |
| 6.434 | 3733.08 | | | 9.178 | 3789.70 | 9.434 | 3774.50 | 10.278 | 3763.15 | 10.939 | 3744.71 | 12.075 | 3731.99 |
| 6.432 | 3732.74 | | | 9.172 | 3789.26 | 9.425 | 3774.20 | 10.269 | 3762.89 | 10.935 | 3744.38 | 12.044 | 3731.58 |
| 6.429 | 3732.44 | | | 9.168 | 3788.93 | 9.419 | 3773.87 | 10.262 | 3762.62 | 10.932 | 3744.04 | 12.022 | 3731.35 |
| 6.426 | 3732.11 | | | 9.165 | 3788.59 | 9.412 | 3773.56 | 10.254 | 3762.18 | 10.927 | 3743.71 | 11.987 | 3730.95 |
| 6.425 | 3731.80 | | | 9.162 | 3788.26 | 9.4 | 3773.13 | 10.247 | 3761.88 | 10.922 | 3743.37 | 11.953 | 3730.58 |
| 6.423 | 3731.50 | | | 9.159 | 3787.92 | 9.39 | 3772.79 | 10.239 | 3761.58 | 10.915 | 3742.94 | 11.931 | 3730.31 |
| 6.422 | 3731.07 | | | 9.154 | 3787.52 | 9.375 | 3772.39 | 10.227 | 3761.25 | 10.909 | 3742.54 | 11.911 | 3730.01 |
| 6.421 | 3730.73 | | | 9.151 | 3787.19 | 9.364 | 3772.09 | 10.215 | 3760.95 | 10.904 | 3742.17 | 11.882 | 3729.54 |
| 6.421 | 3730.50 | | | 9.147 | 3786.85 | 9.355 | 3771.82 | 10.205 | 3760.61 | 10.902 | 3741.83 | 11.862 | 3729.28 |
| 6.42 | 3730.20 | | | 9.141 | 3786.52 | 9.347 | 3771.52 | 10.189 | 3760.08 | 10.899 | 3741.50 | 11.839 | 3729.01 |
| 6.419 | 3729.96 | | | 9.128 | 3786.19 | 9.34 | 3771.19 | 10.182 | 3759.78 | 10.898 | 3741.17 | 11.805 | 3728.67 |
| 6.418 | 3729.53 | | | 9.115 | 3785.85 | 9.334 | 3770.89 | 10.175 | 3759.44 | 10.896 | 3740.80 | 11.78 | 3728.27 |
| 6.417 | 3729.23 | | | 9.102 | 3785.42 | 9.329 | 3770.55 | 10.17 | 3759.14 | 10.893 | 3740.46 | 11.767 | 3728.01 |
| 6.417 | 3728.93 | | | 9.094 | 3785.05 | 9.322 | 3770.08 | 10.165 | 3758.77 | 10.889 | 3740.13 | 11.746 | 3727.64 |
| 6.417 | 3728.63 | | | 9.087 | 3784.71 | 9.316 | 3769.78 | 10.161 | 3758.47 | 10.885 | 3739.79 | 11.725 | 3727.30 |
| 6.417 | 3728.22 | | | 9.082 | 3784.41 | 9.307 | 3769.35 | 10.157 | 3758.14 | 10.881 | 3739.46 | 11.704 | 3726.83 |
| 6.416 | 3727.86 | | | 9.077 | 3784.04 | 9.298 | 3769.01 | 10.153 | 3757.83 | 10.875 | 3738.99 | 11.693 | 3726.60 |
| 6.415 | 3727.56 | | | 9.07 | 3783.71 | 9.291 | 3768.68 | 10.149 | 3757.53 | 10.87 | 3738.66 | 11.683 | 3726.33 |
| 6.414 | 3727.29 | | | 9.062 | 3783.37 | 9.281 | 3768.38 | 10.144 | 3757.20 | 10.865 | 3738.32 | 11.671 | 3726.00 |
| 6.414 | 3726.92 | | | 9.055 | 3783.07 | 9.271 | 3768.08 | 10.137 | 3756.90 | 10.86 | 3737.95 | 11.658 | 3725.63 |
| 6.413 | 3726.62 | | | 9.049 | 3782.71 | 9.261 | 3767.74 | 10.128 | 3756.46 | 10.856 | 3737.62 | 11.646 | 3725.30 |
| 6.413 | 3726.18 | | | 9.045 | 3782.37 | 9.251 | 3767.44 | 10.121 | 3756.20 | 10.848 | 3737.15 | 11.632 | 3724.96 |
| 6.413 | 3725.88 | | | 9.041 | 3781.97 | 9.241 | 3767.01 | 10.114 | 3755.89 | 10.841 | 3736.75 | 11.619 | 3724.66 |
| 6.413 | 3725.65 | | | 9.039 | 3781.53 | 9.234 | 3766.67 | 10.11 | 3755.63 | 10.836 | 3736.41 | 11.601 | 3724.29 |
| 6.413 | 3725.38 | | | 9.038 | 3781.20 | 9.229 | 3766.37 | 10.104 | 3755.19 | 10.831 | 3736.08 | 11.583 | 3723.96 |
| 6.412 | 3724.91 | | | 9.036 | 3780.87 | 9.226 | 3766.07 | 10.1 | 3754.86 | 10.827 | 3735.75 | 11.561 | 3723.56 |
| 6.411 | 3724.54 | | | 9.035 | 3780.53 | 9.221 | 3765.64 | 10.096 | 3754.59 | 10.822 | 3735.28 | 11.544 | 3723.29 |
| 6.411 | 3724.24 | | | 9.033 | 3780.20 | 9.218 | 3765.30 | 10.092 | 3754.29 | 10.819 | 3734.94 | 11.518 | 3722.92 |
| 6.412 | 3723.88 | | | 9.03 | 3779.86 | 9.216 | 3764.97 | 10.085 | 3753.89 | 10.816 | 3734.57 | 11.493 | 3722.55 |
| 6.412 | 3723.57 | | | 9.026 | 3779.53 | 9.213 | 3764.66 | 10.079 | 3753.59 | 10.812 | 3734.24 | 11.474 | 3722.32 |
| 6.412 | 3723.24 | | | 9.021 | 3779.19 | 9.209 | 3764.36 | 10.07 | 3753.18 | 10.808 | 3733.91 | 11.449 | 3721.98 |
| 6.412 | 3722.91 | | | 9.017 | 3778.86 | 9.207 | 3764.06 | 10.063 | 3752.85 | 10.802 | 3733.54 | 11.423 | 3721.65 |
| 6.412 | 3722.57 | | | 9.011 | 3778.52 | 9.205 | 3763.76 | 10.057 | 3752.55 | 10.795 | 3733.24 | 11.387 | 3721.25 |
| 6.413 | 3722.27 | | | 9.004 | 3778.19 | 9.204 | 3763.43 | 10.051 | 3752.25 | 10.785 | 3732.87 | 11.37 | 3721.01 |
| 6.413 | 3721.80 | | | 8.993 | 3777.75 | 9.203 | 3763.09 | 10.046 | 3751.81 | 10.776 | 3732.53 | 11.34 | 3720.58 |
| 6.413 | 3721.43 | | | 8.986 | 3777.42 | 9.201 | 3762.76 | 10.043 | 3751.48 | 10.764 | 3732.20 | 11.318 | 3720.24 |
| 6.414 | 3721.20 | | | 8.978 | 3777.09 | 9.198 | 3762.46 | 10.04 | 3751.14 | 10.754 | 3731.86 | 11.296 | 3719.91 |
| 6.411 | 3720.90 | | | 8.969 | 3776.75 | 9.188 | 3762.06 | 10.038 | 3750.88 | 10.744 | 3731.46 | 11.279 | 3719.64 |
| 6.408 | 3720.53 | | | 8.96 | 3776.38 | 9.179 | 3761.69 | 10.036 | 3750.54 | 10.736 | 3731.10 | 11.249 | 3719.27 |
| 6.406 | 3720.20 | | | 8.952 | 3776.05 | 9.171 | 3761.35 | 10.033 | 3750.27 | 10.731 | 3730.76 | 11.226 | 3718.97 |
| 6.404 | 3719.86 | | | 8.944 | 3775.71 | 9.163 | 3761.02 | 10.029 | 3749.74 | 10.726 | 3730.43 | 11.209 | 3718.64 |
| 6.403 | 3719.56 | | | 8.937 | 3775.38 | 9.155 | 3760.72 | 10.026 | 3749.44 | 10.72 | 3730.09 | 11.2 | 3718.34 |
| 6.403 | 3719.33 | | | 8.931 | 3775.04 | 9.148 | 3760.38 | 10.023 | 3749.17 | 10.715 | 3729.76 | 11.194 | 3717.90 |
| 6.402 | 3718.92 | | | 8.926 | 3774.71 | 9.137 | 3760.12 | 10.018 | 3748.90 | 10.709 | 3729.42 | 11.192 | 3717.63 |
| 6.401 | 3718.49 | | | 8.921 | 3774.38 | 9.128 | 3759.78 | 10.011 | 3748.47 | 10.701 | 3729.12 | 11.19 | 3717.30 |
| 6.401 | 3718.19 | | | 8.915 | 3773.94 | 9.119 | 3759.48 | 10.004 | 3748.17 | 10.695 | 3728.79 | 11.188 | 3716.93 |
| 6.4 | 3717.92 | | | 8.91 | 3773.61 | 9.113 | 3759.18 | 9.997 | 3747.87 | 10.687 | 3728.45 | 11.187 | 3716.56 |
| 6.399 | 3717.62 | | | 8.9 | 3773.24 | 9.109 | 3758.88 | 9.989 | 3747.56 | 10.679 | 3728.12 | 11.185 | 3716.23 |
| 6.4 | 3717.18 | | | 8.885 | 3772.94 | 9.104 | 3758.48 | 9.979 | 3747.13 | 10.668 | 3727.65 | 11.184 | 3716.03 |
| 6.399 | 3716.82 | | | 8.869 | 3772.60 | 9.1 | 3758.17 | 9.973 | 3746.83 | 10.66 | 3727.35 | 11.182 | 3715.66 |
| 6.398 | 3716.45 | | | 8.857 | 3772.23 | 9.096 | 3757.74 | 9.966 | 3746.39 | 10.654 | 3727.01 | 11.177 | 3715.29 |
| 6.396 | 3716.15 | | | 8.847 | 3771.93 | 9.094 | 3757.44 | 9.961 | 3746.09 | 10.647 | 3726.71 | 11.167 | 3714.89 |
| 6.391 | 3715.88 | | | 8.839 | 3771.60 | 9.093 | 3757.14 | 9.957 | 3745.79 | 10.64 | 3726.41 | 11.154 | 3714.62 |
| 6.384 | 3715.55 | | | 8.83 | 3771.26 | 9.092 | 3756.84 | 9.952 | 3745.46 | 10.633 | 3726.08 | 11.131 | 3714.22 |
| 6.379 | 3715.21 | | | 8.821 | 3770.90 | 9.089 | 3756.47 | 9.948 | 3745.09 | 10.627 | 3725.68 | 11.119 | 3713.95 |

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.376 | 3714.81 | | | 8.813 | 3770.59 | 9.086 | 3756.17 | 9.944 | 3744.79 | 10.62 | 3725.34 | 11.102 | 3713.59 |
| 6.375 | 3714.47 | | | 8.799 | 3770.16 | 9.079 | 3755.77 | 9.938 | 3744.52 | 10.61 | 3725.01 | 11.082 | 3713.25 |
| 6.374 | 3714.14 | | | 8.789 | 3769.83 | 9.075 | 3755.43 | 9.931 | 3744.22 | 10.597 | 3724.67 | 11.054 | 3712.88 |
| 6.375 | 3713.81 | | | 8.779 | 3769.49 | 9.068 | 3755.00 | 9.925 | 3743.88 | 10.585 | 3724.34 | 11.02 | 3712.58 |
| 6.376 | 3713.50 | | | 8.77 | 3769.02 | 9.061 | 3754.70 | 9.916 | 3743.45 | 10.573 | 3723.90 | 10.997 | 3712.31 |
| 6.376 | 3713.14 | | | 8.766 | 3768.72 | 9.053 | 3754.39 | 9.91 | 3743.05 | 10.566 | 3723.57 | 10.977 | 3711.81 |
| 6.375 | 3712.80 | | | 8.761 | 3768.39 | 9.045 | 3754.09 | 9.907 | 3742.75 | 10.561 | 3723.20 | 10.971 | 3711.58 |
| 6.374 | 3712.50 | | | 8.757 | 3768.09 | 9.038 | 3753.76 | 9.904 | 3742.48 | 10.558 | 3722.87 | 10.951 | 3711.24 |
| 6.375 | 3712.17 | | | 8.754 | 3767.75 | 9.031 | 3753.42 | 9.901 | 3742.14 | 10.554 | 3722.53 | 10.922 | 3710.91 |
| 6.375 | 3711.73 | | | 8.75 | 3767.45 | 9.023 | 3753.12 | 9.899 | 3741.84 | 10.548 | 3722.20 | 10.883 | 3710.58 |
| 6.375 | 3711.40 | | | 8.747 | 3767.15 | 9.017 | 3752.82 | 9.896 | 3741.54 | 10.539 | 3721.86 | 10.844 | 3710.24 |
| 6.375 | 3711.06 | | | 8.742 | 3766.68 | 9.01 | 3752.35 | 9.895 | 3741.24 | 10.529 | 3721.53 | 10.799 | 3709.87 |
| 6.375 | 3710.73 | | | 8.741 | 3766.38 | 9.007 | 3752.05 | 9.893 | 3740.81 | 10.519 | 3721.19 | 10.766 | 3709.54 |
| 6.374 | 3710.39 | | | 8.739 | 3766.08 | 9.004 | 3751.65 | 9.893 | 3740.50 | 10.506 | 3720.86 | 10.745 | 3709.24 |
| 6.374 | 3710.06 | | | 8.736 | 3765.74 | 9.003 | 3751.38 | 9.892 | 3740.17 | 10.491 | 3720.52 | 10.727 | 3708.87 |
| 6.373 | 3709.66 | | | 8.73 | 3765.38 | 9.001 | 3751.05 | 9.892 | 3739.80 | 10.466 | 3720.02 | 10.715 | 3708.57 |
| 6.373 | 3709.36 | | | 8.721 | 3765.07 | 9 | 3750.71 | 9.891 | 3739.40 | 10.452 | 3719.69 | 10.702 | 3708.23 |
| 6.373 | 3709.05 | | | 8.71 | 3764.74 | 9 | 3750.38 | 9.888 | 3739.10 | 10.439 | 3719.35 | 10.691 | 3707.87 |
| 6.373 | 3708.72 | | | 8.701 | 3764.41 | 8.999 | 3750.08 | 9.885 | 3738.80 | 10.428 | 3719.02 | 10.68 | 3707.53 |
| 6.374 | 3708.35 | | | 8.693 | 3764.10 | 8.998 | 3749.78 | 9.882 | 3738.46 | 10.418 | 3718.68 | 10.671 | 3707.26 |
| 6.375 | 3707.92 | | | 8.687 | 3763.77 | 8.997 | 3749.51 | 9.878 | 3738.16 | 10.41 | 3718.32 | 10.642 | 3706.89 |
| 6.376 | 3707.62 | | | 8.681 | 3763.47 | 8.995 | 3749.11 | 9.876 | 3737.83 | 10.401 | 3717.98 | 10.561 | 3706.46 |
| 6.375 | 3707.28 | | | 8.674 | 3763.07 | 8.994 | 3748.84 | 9.874 | 3737.53 | 10.386 | 3717.65 | 10.514 | 3706.23 |
| 6.376 | 3706.98 | | | 8.668 | 3762.77 | 8.992 | 3748.31 | 9.87 | 3737.09 | 10.369 | 3717.28 | 10.462 | 3705.86 |
| 6.375 | 3706.65 | | | 8.663 | 3762.43 | 8.991 | 3748.04 | 9.868 | 3736.76 | 10.353 | 3716.94 | 10.437 | 3705.59 |
| 6.375 | 3706.31 | | | 8.659 | 3762.10 | 8.991 | 3747.74 | 9.864 | 3736.46 | 10.341 | 3716.58 | 10.409 | 3705.26 |
| 6.375 | 3705.94 | | | 8.655 | 3761.80 | 8.99 | 3747.47 | 9.858 | 3736.06 | 10.329 | 3716.17 | 10.376 | 3704.92 |
| 6.374 | 3705.61 | | | 8.651 | 3761.50 | 8.989 | 3747.10 | 9.854 | 3735.75 | 10.323 | 3715.84 | 10.342 | 3704.52 |
| 6.373 | 3705.34 | | | 8.643 | 3761.03 | 8.988 | 3746.73 | 9.848 | 3735.39 | 10.317 | 3715.47 | 10.329 | 3704.19 |
| 6.373 | 3705.07 | | | 8.637 | 3760.73 | 8.989 | 3746.47 | 9.843 | 3735.09 | 10.313 | 3715.17 | 10.316 | 3703.85 |
| 6.374 | 3704.81 | | | 8.631 | 3760.42 | 8.988 | 3746.06 | 9.836 | 3734.75 | 10.31 | 3714.84 | 10.296 | 3703.52 |
| 6.373 | 3704.30 | | | 8.627 | 3760.06 | 8.986 | 3745.73 | 9.829 | 3734.38 | 10.306 | 3714.43 | 10.279 | 3703.21 |
| 6.371 | 3703.94 | | | 8.623 | 3759.66 | 8.985 | 3745.46 | 9.824 | 3734.08 | 10.3 | 3714.10 | 10.259 | 3702.88 |
| 6.37 | 3703.67 | | | 8.622 | 3759.35 | 8.984 | 3745.09 | 9.819 | 3733.78 | 10.285 | 3713.73 | 10.24 | 3702.55 |
| 6.369 | 3703.37 | | | 8.619 | 3759.09 | 8.982 | 3744.83 | 9.814 | 3733.45 | 10.264 | 3713.40 | 10.223 | 3702.18 |
| 6.367 | 3703.10 | | | 8.617 | 3758.82 | 8.979 | 3744.49 | 9.81 | 3733.18 | 10.243 | 3713.06 | 10.207 | 3701.84 |
| 6.366 | 3702.77 | | | 8.616 | 3758.42 | 8.977 | 3744.19 | 9.805 | 3732.88 | 10.206 | 3712.73 | 10.197 | 3701.58 |
| 6.366 | 3702.40 | | | 8.615 | 3758.12 | 8.976 | 3743.79 | 9.797 | 3732.34 | 10.137 | 3712.29 | 10.175 | 3701.17 |
| 6.366 | 3702.06 | | | 8.613 | 3757.65 | 8.975 | 3743.39 | 9.793 | 3732.04 | 10.083 | 3711.96 | 10.153 | 3700.84 |
| 6.366 | 3701.69 | | | 8.611 | 3757.35 | 8.973 | 3743.12 | 9.789 | 3731.74 | 10.04 | 3711.62 | 10.12 | 3700.50 |
| 6.366 | 3701.36 | | | 8.608 | 3757.05 | 8.962 | 3742.75 | 9.784 | 3731.41 | 10.006 | 3711.32 | 10.086 | 3700.24 |
| 6.364 | 3700.99 | | | 8.605 | 3756.74 | 8.953 | 3742.38 | 9.779 | 3731.10 | 9.977 | 3710.99 | 10.058 | 3699.90 |
| 6.364 | 3700.56 | | | 8.604 | 3756.38 | 8.947 | 3742.05 | 9.774 | 3730.80 | 9.953 | 3710.65 | 10.032 | 3699.53 |
| 6.364 | 3700.29 | | | 8.603 | 3756.14 | 8.942 | 3741.75 | 9.769 | 3730.50 | 9.932 | 3710.32 | 10.012 | 3699.17 |
| 6.364 | 3700.06 | | | 8.602 | 3755.84 | 8.939 | 3741.48 | 9.762 | 3730.07 | 9.914 | 3710.02 | 10.001 | 3698.93 |
| 6.364 | 3699.89 | | | 8.601 | 3755.51 | 8.936 | 3741.08 | 9.756 | 3729.73 | 9.9 | 3709.68 | 9.978 | 3698.50 |
| 6.363 | 3699.59 | | | 8.601 | 3755.24 | 8.934 | 3740.78 | 9.75 | 3729.40 | 9.885 | 3709.38 | 9.95 | 3698.16 |
| 6.363 | 3699.19 | | | 8.599 | 3754.74 | 8.931 | 3740.44 | 9.743 | 3728.96 | 9.869 | 3709.05 | 9.931 | 3697.83 |
| 6.363 | 3698.75 | | | 8.597 | 3754.47 | 8.93 | 3740.01 | 9.74 | 3728.70 | 9.857 | 3708.65 | 9.912 | 3697.49 |
| 6.363 | 3698.42 | | | 8.592 | 3754.10 | 8.929 | 3739.71 | 9.738 | 3728.39 | 9.848 | 3708.35 | 9.901 | 3697.16 |
| 6.363 | 3698.08 | | | 8.59 | 3753.73 | 8.928 | 3739.44 | 9.737 | 3728.06 | 9.838 | 3708.04 | 9.896 | 3696.93 |
| 6.363 | 3697.61 | | | 8.589 | 3753.50 | 8.927 | 3738.90 | 9.736 | 3727.76 | 9.829 | 3707.74 | 9.891 | 3696.56 |
| 6.362 | 3697.25 | | | 8.586 | 3753.13 | 8.927 | 3738.60 | 9.736 | 3727.46 | 9.819 | 3707.44 | 9.882 | 3696.19 |
| 6.363 | 3696.88 | | | 8.585 | 3752.73 | 8.927 | 3738.30 | 9.735 | 3727.12 | 9.811 | 3707.14 | 9.87 | 3695.79 |
| 6.363 | 3696.51 | | | 8.58 | 3752.33 | 8.927 | 3738.03 | 9.733 | 3726.82 | 9.802 | 3706.84 | 9.865 | 3695.52 |
| 6.363 | 3696.21 | | | 8.578 | 3751.96 | 8.926 | 3737.73 | 9.731 | 3726.39 | 9.791 | 3706.41 | 9.856 | 3695.15 |
| 6.363 | 3695.94 | | | 8.576 | 3751.69 | 8.926 | 3737.43 | 9.728 | 3726.05 | 9.783 | 3706.10 | 9.85 | 3694.82 |
| 6.363 | 3695.64 | | | 8.574 | 3751.43 | 8.921 | 3737.00 | 9.725 | 3725.75 | 9.778 | 3705.80 | 9.847 | 3694.48 |
| 6.363 | 3695.34 | | | 8.571 | 3751.06 | 8.915 | 3736.73 | 9.719 | 3725.35 | 9.774 | 3705.54 | 9.843 | 3694.15 |
| 6.363 | 3695.07 | | | 8.569 | 3750.76 | 8.909 | 3736.43 | 9.714 | 3725.05 | 9.77 | 3705.17 | 9.841 | 3693.91 |
| 6.363 | 3694.84 | | | 8.567 | 3750.49 | 8.904 | 3735.99 | 9.709 | 3724.75 | 9.768 | 3704.83 | 9.839 | 3693.55 |
| 6.364 | 3694.50 | | | 8.567 | 3750.12 | 8.901 | 3735.63 | 9.704 | 3724.48 | 9.767 | 3704.40 | 9.838 | 3693.14 |
| 6.365 | 3694.17 | | | 8.568 | 3749.82 | 8.898 | 3735.32 | 9.7 | 3724.15 | 9.769 | 3704.06 | 9.836 | 3692.81 |
| 6.365 | 3693.80 | | | 8.57 | 3749.55 | 8.893 | 3734.96 | 9.693 | 3723.78 | 9.768 | 3703.73 | 9.836 | 3692.51 |
| 6.366 | 3693.53 | | | 8.57 | 3749.08 | 8.885 | 3734.69 | 9.688 | 3723.48 | 9.767 | 3703.43 | 9.834 | 3692.14 |
| 6.368 | 3693.13 | | | 8.57 | 3748.61 | 8.874 | 3734.39 | 9.68 | 3723.04 | 9.765 | 3703.16 | 9.834 | 3691.81 |
| 6.368 | 3692.86 | | | 8.571 | 3748.31 | 8.864 | 3734.09 | 9.675 | 3722.77 | 9.764 | 3702.76 | 9.833 | 3691.44 |
| 6.368 | 3692.43 | | | 8.572 | 3748.01 | 8.854 | 3733.65 | 9.668 | 3722.51 | 9.764 | 3702.56 | 9.833 | 3691.20 |
| 6.368 | 3692.13 | | | 8.572 | 3747.78 | 8.849 | 3733.42 | 9.656 | 3721.94 | 9.764 | 3702.26 | 9.833 | 3690.87 |
| 6.368 | 3691.83 | | | 8.571 | 3747.38 | 8.843 | 3733.05 | 9.648 | 3721.64 | 9.763 | 3701.86 | 9.833 | 3690.43 |
| 6.368 | 3691.39 | | | 8.571 | 3747.08 | 8.832 | 3732.58 | 9.636 | 3721.34 | 9.761 | 3701.45 | 9.833 | 3690.17 |
| 6.367 | 3690.99 | | | 8.57 | 3746.64 | 8.824 | 3732.31 | 9.625 | 3721.03 | 9.705 | 3701.29 | 9.833 | 3689.83 |
| 6.367 | 3690.72 | | | 8.568 | 3746.31 | 8.817 | 3732.05 | 9.615 | 3720.77 | 9.591 | 3700.95 | 9.833 | 3689.50 |
| 6.366 | 3690.39 | | | 8.565 | 3746.01 | 8.81 | 3731.75 | 9.61 | 3720.47 | | | 9.834 | 3689.13 |
| 6.367 | 3690.09 | | | 8.56 | 3745.67 | 8.804 | 3731.34 | 9.603 | 3720.03 | | | 9.833 | 3688.80 |
| 6.367 | 3689.78 | | | 8.555 | 3745.37 | 8.799 | 3731.08 | 9.6 | 3719.70 | | | 9.833 | 3688.56 |
| 6.367 | 3689.45 | | | 8.549 | 3745.07 | 8.791 | 3730.71 | 9.598 | 3719.43 | | | 9.833 | 3688.19 |
| 6.367 | 3689.15 | | | 8.543 | 3744.67 | 8.786 | 3730.41 | 9.597 | 3719.16 | | | 9.833 | 3687.76 |
| 6.368 | 3688.81 | | | 8.541 | 3744.37 | 8.779 | 3730.01 | 9.594 | 3718.66 | | | 9.832 | 3687.52 |
| 6.368 | 3688.45 | | | 8.537 | 3744.03 | 8.776 | 3729.64 | 9.589 | 3718.36 | | | 9.829 | 3687.12 |
| 6.366 | 3688.18 | | | 8.535 | 3743.73 | 8.772 | 3729.24 | 9.584 | 3718.12 | | | 9.821 | 3686.79 |
| 6.33 | 3687.94 | | | 8.53 | 3743.20 | 8.766 | 3728.93 | 9.576 | 3717.76 | | | 9.814 | 3686.42 |
| | | | | 8.527 | 3742.89 | 8.761 | 3728.70 | 9.57 | 3717.49 | | | 9.811 | 3686.19 |
| | | | | 8.523 | 3742.63 | 8.758 | 3728.43 | 9.559 | 3717.05 | | | 9.808 | 3685.85 |
| | | | | 8.519 | 3742.36 | 8.754 | 3728.03 | 9.551 | 3716.82 | | | 9.806 | 3685.55 |
| | | | | 8.516 | 3742.09 | 8.75 | 3727.76 | 9.541 | 3716.45 | | | 9.805 | 3685.18 |
| | | | | 8.512 | 3741.69 | 8.74 | 3727.36 | 9.534 | 3716.18 | | | 9.805 | 3684.78 |
| | | | | 8.509 | 3741.42 | 8.736 | 3727.09 | 9.524 | 3715.88 | | | 9.806 | 3684.41 |
| | | | | 8.505 | 3741.02 | 8.731 | 3726.76 | 9.514 | 3715.48 | | | 9.806 | 3684.18 |
| | | | | 8.503 | 3740.72 | 8.722 | 3726.33 | 9.506 | 3715.15 | | | 9.806 | 3683.84 |
| | | | | 8.502 | 3740.42 | 8.718 | 3726.06 | 9.498 | 3714.81 | | | 9.805 | 3683.48 |
| | | | | 8.5 | 3740.02 | 8.715 | 3725.66 | 9.492 | 3714.44 | | | 9.804 | 3683.14 |
| | | | | 8.499 | 3739.72 | 8.714 | 3725.36 | 9.486 | 3714.08 | | | 9.804 | 3682.74 |

Salt Springs Reservoir near Dam (SSR1) Monthly Temperature Profiles

Table C1-1

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 8.497 | 3739.28 | 8.712 | 3725.09 | 9.48 | 3713.74 | | | 9.804 | 3682.47 |
| | | | | 8.495 | 3738.98 | 8.706 | 3724.69 | 9.476 | 3713.44 | | | 9.803 | 3682.07 |
| | | | | 8.493 | 3738.61 | 8.702 | 3724.38 | 9.471 | 3713.11 | | | 9.802 | 3681.77 |
| | | | | 8.492 | 3738.31 | 8.692 | 3723.98 | 9.462 | 3712.70 | | | 9.802 | 3681.40 |
| | | | | 8.489 | 3738.04 | 8.686 | 3723.75 | 9.455 | 3712.44 | | | 9.801 | 3681.17 |
| | | | | 8.488 | 3737.74 | 8.675 | 3723.35 | 9.446 | 3712.03 | | | 9.801 | 3680.77 |
| | | | | 8.486 | 3737.31 | 8.669 | 3723.01 | 9.439 | 3711.77 | | | 9.801 | 3680.50 |
| | | | | 8.484 | 3737.01 | 8.667 | 3722.75 | 9.432 | 3711.37 | | | 9.8 | 3680.16 |
| | | | | 8.482 | 3736.60 | 8.664 | 3722.34 | 9.426 | 3711.03 | | | 9.799 | 3679.76 |
| | | | | 8.48 | 3736.30 | 8.662 | 3721.98 | 9.421 | 3710.76 | | | 9.798 | 3679.50 |
| | | | | 8.478 | 3736.00 | 8.658 | 3721.71 | 9.415 | 3710.43 | | | 9.799 | 3679.13 |
| | | | | 8.477 | 3735.73 | 8.652 | 3721.34 | 9.41 | 3710.03 | | | 9.799 | 3678.83 |
| | | | | 8.475 | 3735.37 | 8.647 | 3721.01 | 9.408 | 3709.76 | | | 9.799 | 3678.52 |
| | | | | 8.472 | 3735.07 | 8.645 | 3720.67 | 9.403 | 3709.29 | | | 9.798 | 3678.16 |
| | | | | 8.468 | 3734.66 | 8.644 | 3720.40 | 9.398 | 3709.02 | | | 9.798 | 3677.69 |
| | | | | 8.465 | 3734.33 | 8.643 | 3720.00 | 9.393 | 3708.72 | | | 9.798 | 3677.42 |
| | | | | 8.46 | 3733.93 | 8.64 | 3719.63 | 9.383 | 3708.35 | | | 9.798 | 3677.05 |
| | | | | 8.458 | 3733.73 | 8.638 | 3719.40 | 9.377 | 3708.09 | | | 9.797 | 3676.75 |
| | | | | 8.456 | 3733.43 | 8.635 | 3719.00 | 9.37 | 3707.79 | | | 9.797 | 3676.42 |
| | | | | 8.454 | 3733.02 | 8.633 | 3718.63 | 9.36 | 3707.48 | | | 9.797 | 3676.05 |
| | | | | 8.452 | 3732.72 | 8.631 | 3718.36 | 9.347 | 3707.12 | | | 9.797 | 3675.82 |
| | | | | 8.451 | 3732.46 | 8.63 | 3717.96 | 9.34 | 3706.85 | | | 9.797 | 3675.45 |
| | | | | 8.45 | 3732.09 | 8.629 | 3717.63 | 9.332 | 3706.45 | | | 9.797 | 3675.11 |
| | | | | 8.45 | 3731.75 | 8.628 | 3717.39 | 9.328 | 3706.11 | | | 9.797 | 3674.78 |
| | | | | 8.45 | 3731.32 | 8.629 | 3717.02 | 9.323 | 3705.78 | | | 9.797 | 3674.41 |
| | | | | 8.45 | 3731.02 | 8.628 | 3716.62 | 9.309 | 3705.48 | | | 9.797 | 3674.08 |
| | | | | 8.45 | 3730.72 | 8.629 | 3716.36 | 9.278 | 3705.14 | | | 9.797 | 3673.81 |
| | | | | 8.45 | 3730.31 | 8.629 | 3716.05 | 9.247 | 3704.84 | | | 9.796 | 3673.44 |
| | | | | 8.45 | 3729.98 | 8.629 | 3715.65 | 9.227 | 3704.47 | | | 9.789 | 3673.17 |
| | | | | 8.449 | 3729.71 | 8.628 | 3715.39 | 9.215 | 3704.04 | | | 9.671 | 3672.90 |
| | | | | 8.447 | 3729.21 | 8.627 | 3715.05 | 9.206 | 3703.74 | | | | |
| | | | | 8.446 | 3728.94 | 8.626 | 3714.72 | 9.2 | 3703.50 | | | | |
| | | | | 8.445 | 3728.64 | 8.626 | 3714.31 | 9.193 | 3703.20 | | | | |
| | | | | 8.444 | 3728.24 | 8.627 | 3714.05 | 9.186 | 3702.83 | | | | |
| | | | | 8.442 | 3727.87 | 8.627 | 3713.58 | 9.184 | 3702.47 | | | | |
| | | | | 8.439 | 3727.57 | 8.627 | 3713.34 | 9.182 | 3702.06 | | | | |
| | | | | 8.437 | 3727.27 | 8.626 | 3712.94 | 9.179 | 3701.70 | | | | |
| | | | | 8.435 | 3727.00 | 8.626 | 3712.68 | 9.172 | 3701.30 | | | | |
| | | | | 8.434 | 3726.60 | 8.625 | 3712.31 | 9.169 | 3701.06 | | | | |
| | | | | 8.431 | 3726.33 | 8.625 | 3712.04 | 9.163 | 3700.63 | | | | |
| | | | | 8.43 | 3725.83 | 8.624 | 3711.71 | 9.158 | 3700.29 | | | | |
| | | | | 8.43 | 3725.56 | 8.624 | 3711.34 | 9.156 | 3699.99 | | | | |
| | | | | 8.43 | 3725.30 | 8.624 | 3711.00 | 9.153 | 3699.72 | | | | |
| | | | | 8.43 | 3725.03 | 8.624 | 3710.63 | 9.152 | 3699.42 | | | | |
| | | | | 8.429 | 3724.59 | 8.624 | 3710.37 | 9.151 | 3699.05 | | | | |
| | | | | 8.426 | 3724.29 | 8.624 | 3709.97 | 9.15 | 3698.69 | | | | |
| | | | | 8.425 | 3723.96 | 8.623 | 3709.60 | 9.15 | 3698.42 | | | | |
| | | | | 8.422 | 3723.62 | 8.623 | 3709.33 | 9.15 | 3698.02 | | | | |
| | | | | 8.418 | 3723.36 | 8.623 | 3708.83 | 9.149 | 3697.75 | | | | |
| | | | | 8.414 | 3722.99 | 8.623 | 3708.53 | 9.149 | 3697.28 | | | | |
| | | | | 8.412 | 3722.72 | 8.623 | 3708.19 | 9.149 | 3696.91 | | | | |
| | | | | 8.412 | 3722.32 | 8.623 | 3707.92 | 9.148 | 3696.58 | | | | |
| | | | | 8.409 | 3721.92 | 8.622 | 3707.62 | 9.147 | 3696.21 | | | | |
| | | | | 8.409 | 3721.62 | 8.62 | 3707.36 | 9.147 | 3696.11 | | | | |
| | | | | 8.406 | 3721.25 | 8.619 | 3706.92 | | | | | | |
| | | | | 8.401 | 3720.95 | 8.618 | 3706.62 | | | | | | |
| | | | | 8.394 | 3720.68 | 8.618 | 3706.35 | | | | | | |
| | | | | 8.388 | 3720.28 | 8.618 | 3705.92 | | | | | | |
| | | | | 8.385 | 3719.91 | 8.617 | 3705.58 | | | | | | |
| | | | | 8.382 | 3719.61 | 8.617 | 3705.28 | | | | | | |
| | | | | 8.386 | 3719.27 | 8.617 | 3705.01 | | | | | | |
| | | | | 8.385 | 3718.91 | 8.616 | 3704.61 | | | | | | |
| | | | | 8.383 | 3718.57 | 8.616 | 3704.35 | | | | | | |
| | | | | 8.382 | 3718.30 | 8.617 | 3703.94 | | | | | | |
| | | | | 8.383 | 3717.94 | 8.616 | 3703.68 | | | | | | |
| | | | | 8.383 | 3717.67 | 8.614 | 3703.24 | | | | | | |
| | | | | 8.386 | 3717.37 | 8.613 | 3702.91 | | | | | | |
| | | | | 8.384 | 3716.87 | 8.612 | 3702.54 | | | | | | |
| | | | | 8.377 | 3716.80 | 8.611 | 3702.24 | | | | | | |
| | | | | | | 8.611 | 3701.97 | | | | | | |
| | | | | | | 8.61 | 3701.60 | | | | | | |
| | | | | | | 8.61 | 3701.27 | | | | | | |
| | | | | | | 8.61 | 3701.00 | | | | | | |
| | | | | | | 8.609 | 3700.60 | | | | | | |
| | | | | | | 8.61 | 3700.20 | | | | | | |
| | | | | | | 8.609 | 3699.93 | | | | | | |
| | | | | | | 8.607 | 3699.63 | | | | | | |
| | | | | | | 8.607 | 3699.33 | | | | | | |
| | | | | | | 8.606 | 3699.03 | | | | | | |
| | | | | | | 8.607 | 3698.59 | | | | | | |
| | | | | | | 8.607 | 3698.32 | | | | | | |
| | | | | | | 8.607 | 3697.89 | | | | | | |
| | | | | | | 8.608 | 3697.55 | | | | | | |
| | | | | | | 8.607 | 3697.29 | | | | | | |
| | | | | | | 8.606 | 3696.95 | | | | | | |
| | | | | | | 8.607 | 3696.65 | | | | | | |
| | | | | | | 8.606 | 3696.32 | | | | | | |

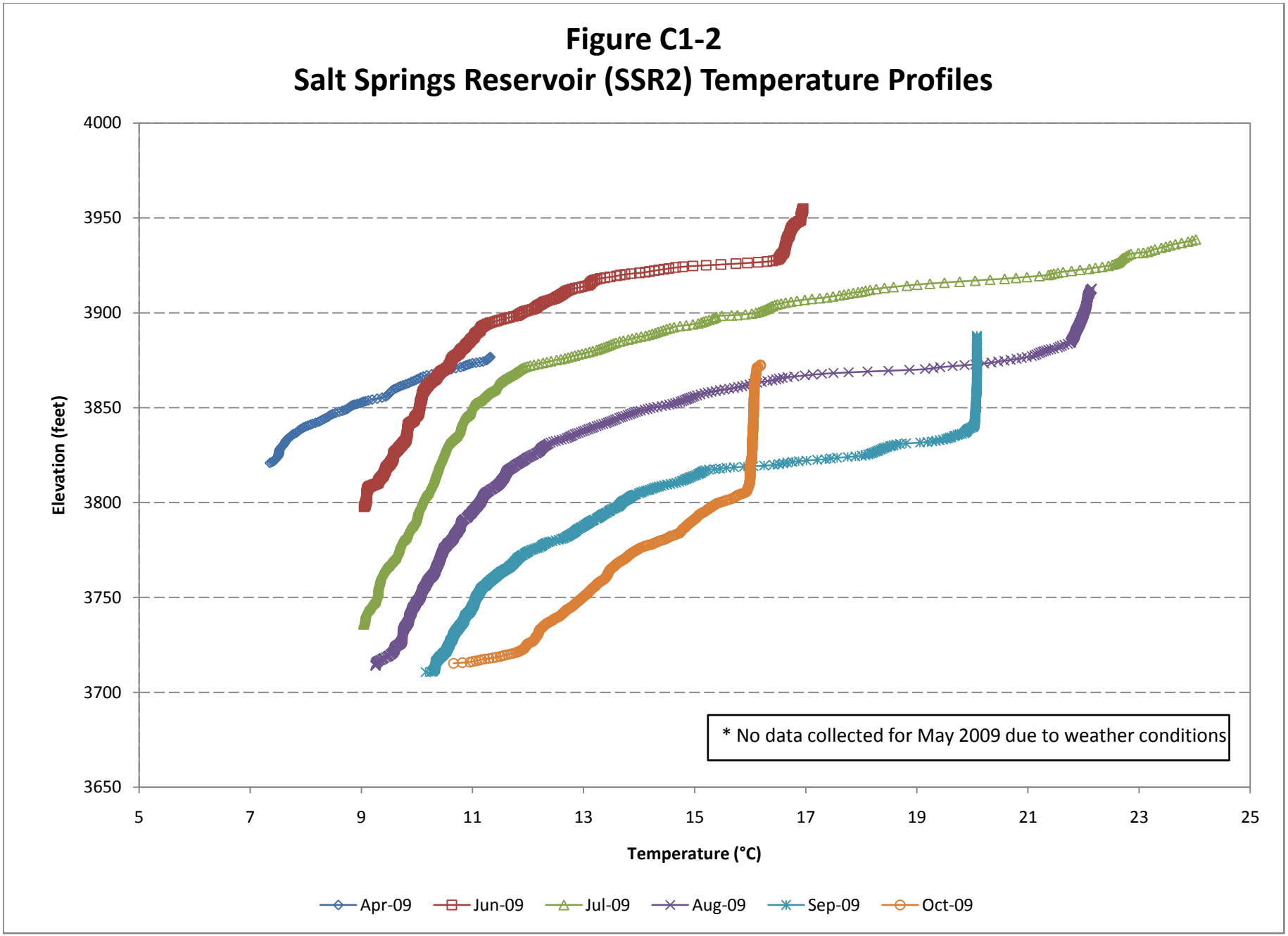


Figure C1-2
Salt Springs Reservoir (SSR2) Temperature Profiles
Elevation (feet)
4000
3950
3900
3850
3800
3750
3700
3650
5
7
9
11
13
15
17
19
21
23
25
Temperature (°C)
* No data collected for May 2009 due to weather conditions
Apr-09
Jun-09
Jul-09
Aug-09
Sep-09
Oct-09

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April (4/23/09) | | May | | June (6/23/09) | | July (7/20/09) | | August (8/25/09) | | September (9/29/09) | | October (10/22/09) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 11.324 | 3876.73 | No profiles due to | | 16.955 | 3954.93 | 24.022 | 3938.70 | 22.151 | 3912.73 | 20.08 | 3887.83 | 16.184 | 3872.53 |
| 11.309 | 3876.33 | weather conditions | | 16.945 | 3954.50 | 23.958 | 3938.16 | 22.141 | 3912.33 | 20.081 | 3887.50 | 16.186 | 3872.26 |
| 11.294 | 3875.93 | | | 16.943 | 3954.10 | 23.88 | 3937.56 | 22.131 | 3912.00 | 20.082 | 3887.33 | 16.186 | 3872.10 |
| 11.275 | 3875.49 | | | 16.943 | 3953.76 | 23.764 | 3936.89 | 22.123 | 3911.76 | 20.083 | 3886.73 | 16.173 | 3871.96 |
| 11.253 | 3874.99 | | | 16.941 | 3953.19 | 23.652 | 3936.22 | 22.117 | 3911.36 | 20.082 | 3886.29 | 16.14 | 3871.46 |
| 11.196 | 3874.32 | | | 16.932 | 3952.66 | 23.559 | 3935.59 | 22.111 | 3910.76 | 20.082 | 3885.86 | 16.12 | 3871.06 |
| 11.134 | 3874.02 | | | 16.927 | 3952.16 | 23.48 | 3934.92 | 22.103 | 3910.19 | 20.083 | 3885.32 | 16.12 | 3870.59 |
| 11.069 | 3873.69 | | | 16.921 | 3951.65 | 23.399 | 3934.32 | 22.099 | 3909.86 | 20.082 | 3884.55 | 16.117 | 3870.09 |
| 11.002 | 3873.42 | | | 16.919 | 3951.19 | 23.284 | 3933.48 | 22.095 | 3909.72 | 20.082 | 3883.95 | 16.115 | 3869.55 |
| 10.952 | 3873.02 | | | 16.917 | 3950.72 | 23.216 | 3932.81 | 22.092 | 3909.62 | 20.081 | 3883.32 | 16.11 | 3868.65 |
| 10.914 | 3872.62 | | | 16.912 | 3950.22 | 23.159 | 3932.18 | 22.084 | 3909.22 | 20.081 | 3882.71 | 16.107 | 3867.91 |
| 10.881 | 3872.25 | | | 16.912 | 3949.68 | 23.077 | 3931.74 | 22.08 | 3908.68 | 20.081 | 3882.15 | 16.102 | 3867.18 |
| 10.846 | 3871.78 | | | 16.914 | 3949.18 | 22.986 | 3931.54 | 22.079 | 3908.28 | 20.081 | 3881.64 | 16.097 | 3866.44 |
| 10.788 | 3871.31 | | | 16.911 | 3948.68 | 22.851 | 3931.10 | 22.077 | 3908.12 | 20.081 | 3881.28 | 16.094 | 3865.67 |
| 10.7 | 3870.78 | | | 16.873 | 3948.14 | 22.809 | 3930.57 | 22.075 | 3907.91 | 20.081 | 3881.01 | 16.091 | 3864.97 |
| 10.622 | 3870.28 | | | 16.832 | 3947.51 | 22.774 | 3929.97 | 22.071 | 3907.41 | 20.08 | 3880.81 | 16.088 | 3864.27 |
| 10.53 | 3869.37 | | | 16.809 | 3946.94 | 22.736 | 3929.20 | 22.07 | 3907.04 | 20.079 | 3880.44 | 16.085 | 3863.67 |
| 10.472 | 3868.80 | | | 16.793 | 3946.40 | 22.708 | 3928.83 | 22.068 | 3906.64 | 20.079 | 3880.10 | 16.083 | 3863.16 |
| 10.381 | 3868.23 | | | 16.778 | 3945.90 | 22.686 | 3928.33 | 22.067 | 3906.21 | 20.079 | 3879.67 | 16.079 | 3862.70 |
| 10.27 | 3867.67 | | | 16.763 | 3945.40 | 22.668 | 3927.83 | 22.066 | 3905.94 | 20.08 | 3879.30 | 16.077 | 3862.29 |
| 10.184 | 3867.10 | | | 16.753 | 3944.93 | 22.653 | 3927.32 | 22.065 | 3905.57 | 20.081 | 3878.97 | 16.075 | 3861.76 |
| 10.12 | 3866.50 | | | 16.746 | 3944.50 | 22.637 | 3926.89 | 22.062 | 3905.10 | 20.081 | 3878.73 | 16.075 | 3861.39 |
| 10.07 | 3865.89 | | | 16.738 | 3944.06 | 22.623 | 3926.52 | 22.057 | 3904.67 | 20.081 | 3878.50 | 16.074 | 3860.96 |
| 10.028 | 3865.26 | | | 16.731 | 3943.52 | 22.6 | 3926.25 | 22.054 | 3904.20 | 20.082 | 3878.16 | 16.074 | 3860.55 |
| 9.99 | 3864.72 | | | 16.725 | 3943.09 | 22.565 | 3925.82 | 22.05 | 3903.67 | 20.082 | 3877.70 | 16.073 | 3860.12 |
| 9.95 | 3864.15 | | | 16.721 | 3942.66 | 22.52 | 3925.42 | 22.046 | 3903.20 | 20.082 | 3877.29 | 16.073 | 3859.72 |
| 9.902 | 3863.62 | | | 16.715 | 3942.05 | 22.449 | 3924.81 | 22.041 | 3902.70 | 20.082 | 3876.89 | 16.072 | 3859.32 |
| 9.851 | 3862.88 | | | 16.711 | 3941.55 | 22.337 | 3924.25 | 22.036 | 3902.13 | 20.081 | 3876.49 | 16.072 | 3858.88 |
| 9.802 | 3862.35 | | | 16.706 | 3941.12 | 22.213 | 3923.78 | 22.028 | 3901.49 | 20.081 | 3875.86 | 16.072 | 3858.48 |
| 9.752 | 3861.84 | | | 16.699 | 3940.61 | 22.104 | 3923.21 | 22.023 | 3901.02 | 20.08 | 3875.39 | 16.072 | 3858.05 |
| 9.705 | 3861.34 | | | 16.687 | 3940.11 | 21.936 | 3922.67 | 22.016 | 3900.55 | 20.08 | 3874.92 | 16.071 | 3857.61 |
| 9.665 | 3860.77 | | | 16.68 | 3939.74 | 21.782 | 3922.14 | 22.011 | 3900.05 | 20.08 | 3874.58 | 16.071 | 3857.04 |
| 9.62 | 3860.11 | | | 16.673 | 3939.18 | 21.631 | 3921.57 | 22.005 | 3899.48 | 20.081 | 3874.25 | 16.071 | 3856.51 |
| 9.582 | 3859.60 | | | 16.667 | 3938.71 | 21.538 | 3921.13 | 22 | 3899.05 | 20.081 | 3874.02 | 16.07 | 3856.04 |
| 9.553 | 3859.00 | | | 16.661 | 3938.24 | 21.465 | 3920.73 | 21.994 | 3898.65 | 20.082 | 3873.88 | 16.07 | 3855.60 |
| 9.535 | 3858.43 | | | 16.654 | 3937.77 | 21.413 | 3920.33 | 21.988 | 3898.25 | 20.082 | 3873.41 | 16.069 | 3855.17 |
| 9.518 | 3857.83 | | | 16.648 | 3937.27 | 21.368 | 3919.96 | 21.982 | 3897.78 | 20.082 | 3872.91 | 16.069 | 3854.73 |
| 9.498 | 3857.23 | | | 16.646 | 3936.67 | 21.203 | 3919.40 | 21.975 | 3897.31 | 20.082 | 3872.64 | 16.069 | 3854.30 |
| 9.473 | 3856.46 | | | 16.644 | 3936.20 | 20.98 | 3918.89 | 21.969 | 3896.81 | 20.083 | 3872.34 | 16.068 | 3853.86 |
| 9.443 | 3855.86 | | | 16.641 | 3935.80 | 20.784 | 3918.43 | 21.961 | 3896.17 | 20.082 | 3872.04 | 16.067 | 3853.46 |
| 9.376 | 3855.32 | | | 16.636 | 3935.36 | 20.579 | 3917.92 | 21.955 | 3895.70 | 20.083 | 3871.74 | 16.067 | 3853.09 |
| 9.288 | 3854.75 | | | 16.631 | 3934.96 | 20.318 | 3917.49 | 21.947 | 3895.17 | 20.081 | 3871.37 | 16.067 | 3852.79 |
| 9.198 | 3854.28 | | | 16.63 | 3934.53 | 20.049 | 3916.95 | 21.939 | 3894.67 | 20.082 | 3871.17 | 16.066 | 3852.43 |
| 9.128 | 3853.75 | | | 16.63 | 3934.09 | 19.77 | 3916.42 | 21.931 | 3894.16 | 20.081 | 3870.70 | 16.066 | 3852.16 |
| 9.076 | 3853.35 | | | 16.627 | 3933.66 | 19.496 | 3915.92 | 21.923 | 3893.66 | 20.081 | 3870.37 | 16.065 | 3851.72 |
| 9.037 | 3853.11 | | | 16.622 | 3933.25 | 19.235 | 3915.35 | 21.916 | 3893.19 | 20.082 | 3869.97 | 16.064 | 3851.39 |
| 9.01 | 3852.78 | | | 16.616 | 3932.79 | 19.005 | 3914.85 | 21.909 | 3892.69 | 20.082 | 3869.60 | 16.064 | 3851.05 |
| 8.979 | 3852.38 | | | 16.61 | 3932.35 | 18.821 | 3914.31 | 21.901 | 3892.29 | 20.082 | 3869.20 | 16.063 | 3850.69 |
| 8.929 | 3851.98 | | | 16.607 | 3931.72 | 18.58 | 3913.61 | 21.891 | 3891.82 | 20.082 | 3868.63 | 16.063 | 3850.18 |
| 8.884 | 3851.67 | | | 16.588 | 3931.28 | 18.416 | 3913.14 | 21.885 | 3891.39 | 20.082 | 3868.23 | 16.063 | 3849.75 |
| 8.854 | 3851.37 | | | 16.572 | 3930.85 | 18.268 | 3912.60 | 21.876 | 3890.92 | 20.081 | 3867.83 | 16.062 | 3849.35 |
| 8.829 | 3851.01 | | | 16.561 | 3930.44 | 18.157 | 3912.17 | 21.87 | 3890.52 | 20.081 | 3867.36 | 16.063 | 3848.91 |
| 8.807 | 3850.60 | | | 16.553 | 3930.01 | 18.076 | 3911.67 | 21.863 | 3890.12 | 20.081 | 3866.96 | 16.062 | 3848.48 |
| 8.786 | 3850.20 | | | 16.546 | 3929.61 | 18.011 | 3911.23 | 21.858 | 3889.72 | 20.081 | 3866.49 | 16.061 | 3847.88 |
| 8.766 | 3849.70 | | | 16.541 | 3929.31 | 17.941 | 3910.90 | 21.852 | 3889.28 | 20.082 | 3866.15 | 16.061 | 3847.44 |
| 8.743 | 3849.23 | | | 16.53 | 3929.07 | 17.856 | 3910.50 | 21.847 | 3888.81 | 20.081 | 3865.79 | 16.061 | 3847.01 |
| 8.704 | 3848.76 | | | 16.522 | 3928.67 | 17.771 | 3910.09 | 21.843 | 3888.34 | 20.08 | 3865.25 | 16.061 | 3846.57 |
| 8.658 | 3848.30 | | | 16.511 | 3928.27 | 17.689 | 3909.69 | 21.838 | 3887.94 | 20.081 | 3864.82 | 16.06 | 3846.20 |
| 8.601 | 3847.79 | | | 16.467 | 3927.80 | 17.607 | 3909.26 | 21.831 | 3887.47 | 20.081 | 3864.41 | 16.059 | 3845.93 |
| 8.536 | 3847.16 | | | 16.409 | 3927.40 | 17.49 | 3908.66 | 21.824 | 3887.07 | 20.081 | 3863.98 | 16.059 | 3845.70 |
| 8.486 | 3846.62 | | | 16.304 | 3927.00 | 17.383 | 3908.19 | 21.815 | 3886.67 | 20.08 | 3863.61 | 16.059 | 3845.47 |
| 8.449 | 3846.12 | | | 16.146 | 3926.66 | 17.251 | 3907.72 | 21.803 | 3886.07 | 20.08 | 3863.21 | 16.058 | 3845.10 |
| 8.422 | 3845.65 | | | 15.952 | 3926.30 | 17.11 | 3907.35 | 21.792 | 3885.67 | 20.079 | 3862.81 | 16.059 | 3844.70 |
| 8.401 | 3845.12 | | | 15.746 | 3925.93 | 16.982 | 3906.88 | 21.785 | 3885.23 | 20.08 | 3862.37 | 16.058 | 3844.30 |
| 8.363 | 3844.52 | | | 15.474 | 3925.46 | 16.842 | 3906.35 | 21.779 | 3884.73 | 20.079 | 3861.87 | 16.057 | 3843.89 |
| 8.328 | 3844.01 | | | 15.209 | 3925.06 | 16.735 | 3905.88 | 21.775 | 3884.36 | 20.08 | 3861.47 | 16.058 | 3843.53 |
| 8.294 | 3843.48 | | | 14.974 | 3924.69 | 16.638 | 3905.41 | 21.763 | 3883.96 | 20.08 | 3861.14 | 16.057 | 3843.16 |
| 8.263 | 3843.01 | | | 14.787 | 3924.29 | 16.556 | 3904.94 | 21.721 | 3883.49 | 20.078 | 3860.67 | 16.058 | 3842.76 |
| 8.228 | 3842.51 | | | 14.66 | 3923.89 | 16.492 | 3904.54 | 21.658 | 3883.09 | 20.077 | 3860.30 | 16.058 | 3842.39 |
| 8.178 | 3842.04 | | | 14.541 | 3923.38 | 16.445 | 3904.17 | 21.61 | 3882.59 | 20.078 | 3860.00 | 16.057 | 3841.99 |
| 8.122 | 3841.47 | | | 14.45 | 3922.98 | 16.4 | 3903.60 | 21.574 | 3882.15 | 20.079 | 3859.60 | 16.055 | 3841.45 |
| 8.083 | 3841.00 | | | 14.357 | 3922.62 | 16.369 | 3903.17 | 21.539 | 3881.69 | 20.078 | 3859.20 | 16.055 | 3841.08 |
| 8.041 | 3840.57 | | | 14.275 | 3922.21 | 16.339 | 3902.70 | 21.472 | 3881.08 | 20.077 | 3858.79 | 16.054 | 3840.72 |
| 8 | 3840.10 | | | 14.19 | 3921.81 | 16.309 | 3902.30 | 21.416 | 3880.82 | 20.075 | 3858.36 | 16.054 | 3840.28 |
| 7.969 | 3839.66 | | | 14.115 | 3921.41 | 16.277 | 3901.86 | 21.368 | 3880.48 | 20.073 | 3857.92 | 16.054 | 3840.01 |
| 7.942 | 3839.20 | | | 14.012 | 3921.04 | 16.24 | 3901.40 | 21.327 | 3880.11 | 20.071 | 3857.49 | 16.053 | 3839.68 |
| 7.915 | 3838.73 | | | 13.863 | 3920.67 | 16.2 | 3900.99 | 21.292 | 3879.78 | 20.069 | 3857.09 | 16.051 | 3839.38 |
| 7.892 | 3838.26 | | | 13.748 | 3920.24 | 16.158 | 3900.53 | 21.26 | 3879.34 | 20.068 | 3856.72 | 16.051 | 3839.04 |
| 7.873 | 3837.82 | | | 13.662 | 3919.87 | 16.105 | 3900.09 | 21.225 | 3879.01 | 20.068 | 3856.18 | 16.049 | 3838.71 |
| 7.856 | 3837.36 | | | 13.6 | 3919.47 | 16.03 | 3899.62 | 21.193 | 3878.57 | 20.067 | 3855.75 | 16.049 | 3838.34 |
| 7.831 | 3836.79 | | | 13.481 | 3918.90 | 15.914 | 3899.22 | 21.154 | 3878.04 | 20.067 | 3855.28 | 16.048 | 3837.97 |
| 7.791 | 3836.18 | | | 13.384 | 3918.50 | 15.77 | 3898.82 | 21.121 | 3877.60 | 20.067 | 3854.88 | 16.047 | 3837.57 |
| 7.762 | 3835.75 | | | 13.301 | 3918.10 | 15.665 | 3898.65 | 21.072 | 3877.17 | 20.068 | 3854.51 | 16.047 | 3837.27 |
| 7.745 | 3835.25 | | | 13.244 | 3917.70 | 15.487 | 3898.49 | 20.979 | 3876.60 | 20.068 | 3854.11 | 16.046 | 3836.94 |
| 7.732 | 3834.81 | | | 13.206 | 3917.33 | 15.391 | 3897.98 | 20.891 | 3876.13 | 20.068 | 3853.67 | 16.046 | 3836.63 |
| 7.708 | 3834.38 | | | 13.177 | 3916.93 | 15.373 | 3897.68 | 20.797 | 3875.66 | 20.067 | 3853.27 | 16.045 | 3836.33 |
| 7.688 | 3833.91 | | | 13.158 | 3916.53 | 15.353 | 3897.28 | 20.687 | 3875.20 | 20.066 | 3852.94 | 16.045 | 3836.03 |
| 7.67 | 3833.47 | | | 13.141 | 3916.13 | 15.321 | 3896.88 | 20.578 | 3874.69 | 20.066 | 3852.54 | 16.045 | 3835.56 |
| 7.656 | 3833.01 | | | 13.129 | 3915.76 | 15.262 | 3896.31 | 20.465 | 3874.23 | 20.065 | 3852.10 | 16.045 | 3835.23 |
| 7.643 | 3832.57 | | | 13.12 | 3915.39 | 15.206 | 3895.84 | 20.343 | 3873.76 | 20.066 | 3851.57 | 16.044 | 3834.93 |
| 7.636 | 3832.10 | | | 13.113 | 3915.02 | 15.159 | 3895.37 | 20.212 | 3873.29 | 20.066 | 3851.13 | 16.043 | 3834.63 |
| 7.631 | 3831.70 | | | 13.084 | 3914.49 | 15.12 | 3894.94 | 20.054 | 3872.82 | 20.066 | 3850.80 | 16.042 | 3834.23 |
| 7.617 | 3831.10 | | | 13.027 | 3914.12 | 15.063 | 3894.44 | 19.859 | 3872.35 | 20.066 | 3850.40 | 16.041 | 3833.96 |

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April | (4/23/09) | May | | June | (6/23/09) | July | (7/20/09) | August | (8/25/09) | September | (9/29/09) | October | (10/22/09) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 7.605 | 3830.70 | | | 12.972 | 3913.72 | 14.969 | 3893.94 | 19.645 | 3871.88 | 20.067 | 3850.16 | 16.04 | 3833.66 |
| 7.597 | 3830.30 | | | 12.912 | 3913.31 | 14.85 | 3893.43 | 19.423 | 3871.28 | 20.064 | 3849.99 | 16.039 | 3833.39 |
| 7.588 | 3829.90 | | | 12.856 | 3912.98 | 14.736 | 3893.07 | 19.3 | 3870.85 | 20.057 | 3849.73 | 16.038 | 3832.95 |
| 7.575 | 3829.53 | | | 12.797 | 3912.51 | 14.629 | 3892.46 | 19.146 | 3870.28 | 20.057 | 3849.39 | 16.037 | 3832.59 |
| 7.562 | 3829.23 | | | 12.755 | 3912.11 | 14.554 | 3892.00 | 18.867 | 3869.88 | 20.057 | 3849.09 | 16.036 | 3832.32 |
| 7.553 | 3828.86 | | | 12.719 | 3911.71 | 14.497 | 3891.53 | 18.488 | 3869.44 | 20.056 | 3848.76 | 16.036 | 3832.02 |
| 7.545 | 3828.56 | | | 12.692 | 3911.34 | 14.44 | 3890.89 | 18.113 | 3869.01 | 20.056 | 3848.39 | 16.036 | 3831.65 |
| 7.538 | 3828.22 | | | 12.671 | 3910.97 | 14.391 | 3890.42 | 17.773 | 3868.57 | 20.055 | 3848.09 | 16.036 | 3831.28 |
| 7.533 | 3827.89 | | | 12.653 | 3910.57 | 14.337 | 3889.95 | 17.502 | 3868.17 | 20.054 | 3847.72 | 16.036 | 3831.08 |
| 7.528 | 3827.55 | | | 12.63 | 3910.07 | 14.293 | 3889.45 | 17.296 | 3867.80 | 20.053 | 3847.39 | 16.035 | 3830.68 |
| 7.525 | 3827.12 | | | 12.611 | 3909.67 | 14.238 | 3888.95 | 17.129 | 3867.37 | 20.053 | 3846.98 | 16.035 | 3830.34 |
| 7.523 | 3826.78 | | | 12.589 | 3909.33 | 14.179 | 3888.45 | 16.985 | 3866.97 | 20.052 | 3846.75 | 16.034 | 3829.98 |
| 7.521 | 3826.42 | | | 12.566 | 3909.00 | 14.118 | 3887.98 | 16.796 | 3866.43 | 20.051 | 3846.38 | 16.035 | 3829.58 |
| 7.519 | 3826.05 | | | 12.547 | 3908.60 | 14.037 | 3887.51 | 16.675 | 3866.06 | 20.051 | 3845.98 | 16.035 | 3829.31 |
| 7.517 | 3825.65 | | | 12.524 | 3908.23 | 13.952 | 3887.01 | 16.587 | 3865.66 | 20.05 | 3845.71 | 16.035 | 3828.91 |
| 7.514 | 3825.24 | | | 12.504 | 3907.86 | 13.876 | 3886.48 | 16.521 | 3865.26 | 20.05 | 3845.31 | 16.035 | 3828.60 |
| 7.509 | 3824.84 | | | 12.48 | 3907.49 | 13.806 | 3885.97 | 16.47 | 3864.86 | 20.05 | 3844.81 | 16.036 | 3828.34 |
| 7.505 | 3824.44 | | | 12.443 | 3907.13 | 13.717 | 3885.37 | 16.402 | 3864.42 | 20.05 | 3844.54 | 16.035 | 3827.97 |
| 7.494 | 3824.04 | | | 12.4 | 3906.76 | 13.651 | 3884.94 | 16.313 | 3863.99 | 20.049 | 3844.24 | 16.035 | 3827.70 |
| 7.482 | 3823.64 | | | 12.352 | 3906.36 | 13.583 | 3884.33 | 16.21 | 3863.52 | 20.048 | 3843.87 | 16.034 | 3827.30 |
| 7.471 | 3823.24 | | | 12.308 | 3905.89 | 13.534 | 3883.83 | 16.13 | 3863.05 | 20.046 | 3843.60 | 16.033 | 3826.93 |
| 7.457 | 3822.80 | | | 12.284 | 3905.49 | 13.492 | 3883.36 | 16.057 | 3862.65 | 20.046 | 3843.27 | 16.033 | 3826.70 |
| 7.446 | 3822.40 | | | 12.265 | 3905.12 | 13.456 | 3882.86 | 15.992 | 3862.22 | 20.046 | 3842.97 | 16.033 | 3826.33 |
| 7.433 | 3822.07 | | | 12.243 | 3904.72 | 13.414 | 3882.39 | 15.918 | 3861.65 | 20.045 | 3842.63 | 16.033 | 3826.00 |
| 7.413 | 3821.67 | | | 12.218 | 3904.32 | 13.368 | 3881.89 | 15.859 | 3861.21 | 20.044 | 3842.37 | 16.033 | 3825.66 |
| 7.387 | 3821.26 | | | 12.193 | 3903.95 | 13.323 | 3881.42 | 15.787 | 3860.84 | 20.042 | 3841.90 | 16.033 | 3825.33 |
| 7.358 | 3820.90 | | | 12.175 | 3903.65 | 13.281 | 3880.96 | 15.708 | 3860.41 | 20.039 | 3841.53 | 16.033 | 3824.99 |
| 7.326 | 3820.49 | | | 12.162 | 3903.28 | 13.237 | 3880.49 | 15.625 | 3859.97 | 20.036 | 3841.20 | 16.032 | 3824.62 |
| 7.298 | 3820.09 | | | 12.152 | 3902.98 | 13.167 | 3879.88 | 15.539 | 3859.57 | 20.034 | 3840.86 | 16.031 | 3824.29 |
| 7.278 | 3819.66 | | | 12.139 | 3902.61 | 13.106 | 3879.42 | 15.457 | 3859.17 | 20.031 | 3840.56 | 16.031 | 3823.95 |
| 7.264 | 3819.29 | | | 12.116 | 3902.21 | 13.04 | 3878.91 | 15.381 | 3858.74 | 20.024 | 3840.26 | 16.029 | 3823.62 |
| 7.254 | 3818.89 | | | 12.069 | 3901.74 | 12.971 | 3878.48 | 15.306 | 3858.30 | 20.008 | 3839.89 | 16.028 | 3823.29 |
| 7.244 | 3818.32 | | | 12.019 | 3901.37 | 12.908 | 3878.01 | 15.239 | 3857.87 | 19.992 | 3839.59 | 16.028 | 3823.02 |
| 7.233 | 3817.95 | | | 11.972 | 3901.04 | 12.844 | 3877.48 | 15.178 | 3857.50 | 19.966 | 3839.29 | 16.026 | 3822.72 |
| 7.221 | 3817.55 | | | 11.935 | 3900.67 | 12.786 | 3877.04 | 15.107 | 3856.93 | 19.943 | 3838.99 | 16.023 | 3822.42 |
| 7.207 | 3817.05 | | | 11.905 | 3900.23 | 12.724 | 3876.51 | 15.043 | 3856.43 | 19.922 | 3838.59 | 16.018 | 3822.08 |
| 7.196 | 3816.68 | | | 11.888 | 3899.87 | 12.666 | 3876.07 | 15.001 | 3856.06 | 19.91 | 3838.32 | 16.015 | 3821.71 |
| 7.188 | 3816.25 | | | 11.865 | 3899.53 | 12.593 | 3875.60 | 14.968 | 3855.62 | 19.901 | 3837.88 | 16.013 | 3821.31 |
| 7.177 | 3815.81 | | | 11.845 | 3899.16 | 12.515 | 3875.17 | 14.936 | 3855.19 | 19.897 | 3837.58 | 16.011 | 3821.01 |
| 7.166 | 3815.44 | | | 11.831 | 3898.80 | 12.417 | 3874.57 | 14.902 | 3854.89 | 19.885 | 3837.25 | 16.009 | 3820.68 |
| 7.156 | 3815.01 | | | 11.801 | 3898.46 | 12.342 | 3874.10 | 14.875 | 3854.55 | 19.872 | 3836.98 | 16.008 | 3820.31 |
| 7.147 | 3814.57 | | | 11.739 | 3898.09 | 12.27 | 3873.63 | 14.85 | 3854.19 | 19.851 | 3836.51 | 16.007 | 3820.01 |
| 7.139 | 3814.14 | | | 11.667 | 3897.59 | 12.189 | 3873.16 | 14.815 | 3853.85 | 19.81 | 3836.21 | 16.003 | 3819.71 |
| 7.131 | 3813.60 | | | 11.619 | 3897.22 | 12.108 | 3872.66 | 14.781 | 3853.52 | 19.77 | 3835.91 | 16 | 3819.30 |
| 7.126 | 3813.13 | | | 11.573 | 3896.82 | 12.041 | 3872.26 | 14.746 | 3853.15 | 19.735 | 3835.61 | 15.998 | 3818.94 |
| 7.119 | 3812.73 | | | 11.525 | 3896.45 | 11.988 | 3871.86 | 14.694 | 3852.71 | 19.692 | 3835.27 | 15.997 | 3818.67 |
| 7.109 | 3812.33 | | | 11.479 | 3896.09 | 11.945 | 3871.42 | 14.649 | 3852.35 | 19.669 | 3835.01 | 15.996 | 3818.20 |
| 7.101 | 3811.90 | | | 11.442 | 3895.72 | 11.909 | 3871.05 | 14.6 | 3851.94 | 19.624 | 3834.44 | 15.996 | 3817.90 |
| 7.096 | 3811.53 | | | 11.404 | 3895.38 | 11.88 | 3870.62 | 14.547 | 3851.58 | 19.593 | 3834.14 | 15.997 | 3817.60 |
| 7.092 | 3811.13 | | | 11.356 | 3895.01 | 11.857 | 3870.22 | 14.484 | 3851.17 | 19.56 | 3833.84 | 15.999 | 3817.26 |
| 7.089 | 3810.79 | | | 11.321 | 3894.68 | 11.83 | 3869.65 | 14.411 | 3850.81 | 19.526 | 3833.50 | 16.001 | 3816.96 |
| 7.086 | 3810.49 | | | 11.28 | 3894.28 | 11.805 | 3869.15 | 14.328 | 3850.37 | 19.469 | 3833.13 | 16.002 | 3816.59 |
| 7.083 | 3810.29 | | | 11.253 | 3893.88 | 11.783 | 3868.71 | 14.263 | 3850.00 | 19.408 | 3832.87 | 16.002 | 3816.16 |
| 7.08 | 3810.06 | | | 11.219 | 3893.41 | 11.76 | 3868.24 | 14.206 | 3849.64 | 19.347 | 3832.50 | 16.001 | 3815.93 |
| 7.078 | 3809.52 | | | 11.197 | 3893.04 | 11.737 | 3867.77 | 14.154 | 3849.23 | 19.281 | 3832.20 | 16.001 | 3815.59 |
| 7.077 | 3809.22 | | | 11.179 | 3892.67 | 11.712 | 3867.37 | 14.102 | 3848.83 | 19.189 | 3831.93 | 16 | 3815.39 |
| 7.077 | 3808.89 | | | 11.165 | 3892.30 | 11.684 | 3866.87 | 14.032 | 3848.33 | 19.058 | 3831.59 | 16 | 3814.92 |
| 7.076 | 3808.55 | | | 11.155 | 3891.97 | 11.656 | 3866.44 | 13.983 | 3848.00 | 18.804 | 3831.16 | 16 | 3814.59 |
| 7.075 | 3808.28 | | | 11.149 | 3891.57 | 11.626 | 3866.00 | 13.941 | 3847.63 | 18.701 | 3830.86 | 16 | 3814.32 |
| 7.073 | 3807.81 | | | 11.144 | 3891.23 | 11.6 | 3865.53 | 13.904 | 3847.23 | 18.63 | 3830.56 | 15.999 | 3813.78 |
| 7.071 | 3807.41 | | | 11.14 | 3890.87 | 11.574 | 3865.10 | 13.87 | 3846.89 | 18.581 | 3830.26 | 15.999 | 3813.45 |
| 7.068 | 3806.88 | | | 11.13 | 3890.50 | 11.543 | 3864.53 | 13.837 | 3846.49 | 18.547 | 3829.92 | 15.999 | 3813.08 |
| 7.066 | 3806.44 | | | 11.113 | 3890.13 | 11.523 | 3864.06 | 13.798 | 3846.12 | 18.517 | 3829.62 | 15.997 | 3812.71 |
| 7.064 | 3806.07 | | | 11.092 | 3889.76 | 11.501 | 3863.63 | 13.754 | 3845.72 | 18.467 | 3829.22 | 15.996 | 3812.31 |
| 7.062 | 3805.74 | | | 11.07 | 3889.29 | 11.481 | 3863.22 | 13.711 | 3845.35 | 18.433 | 3828.88 | 15.994 | 3811.91 |
| 7.061 | 3805.44 | | | 11.06 | 3888.96 | 11.466 | 3862.82 | 13.677 | 3844.99 | 18.403 | 3828.55 | 15.993 | 3811.54 |
| 7.059 | 3805.24 | | | 11.053 | 3888.59 | 11.453 | 3862.42 | 13.646 | 3844.62 | 18.374 | 3828.22 | 15.991 | 3811.17 |
| 7.058 | 3804.87 | | | 11.045 | 3888.16 | 11.441 | 3861.89 | 13.602 | 3844.02 | 18.343 | 3827.85 | 15.99 | 3810.74 |
| 7.056 | 3804.57 | | | 11.039 | 3887.82 | 11.433 | 3861.52 | 13.57 | 3843.61 | 18.312 | 3827.41 | 15.988 | 3810.37 |
| 7.053 | 3804.20 | | | 11.033 | 3887.49 | 11.428 | 3861.08 | 13.536 | 3843.25 | 18.285 | 3827.08 | 15.986 | 3810.04 |
| 7.046 | 3803.80 | | | 11.028 | 3887.12 | 11.424 | 3860.61 | 13.504 | 3842.88 | 18.256 | 3826.74 | 15.984 | 3809.57 |
| 7.035 | 3803.43 | | | 11.017 | 3886.78 | 11.417 | 3860.21 | 13.472 | 3842.51 | 18.223 | 3826.34 | 15.983 | 3809.23 |
| 7.023 | 3803.03 | | | 11.001 | 3886.45 | 11.4 | 3859.68 | 13.441 | 3842.11 | 18.192 | 3826.04 | 15.977 | 3808.90 |
| 7.015 | 3802.73 | | | 10.987 | 3886.15 | 11.383 | 3859.24 | 13.406 | 3841.71 | 18.162 | 3825.74 | 15.972 | 3808.57 |
| 7.007 | 3802.33 | | | 10.976 | 3885.78 | 11.358 | 3858.84 | 13.36 | 3841.37 | 18.125 | 3825.41 | 15.967 | 3808.20 |
| 6.998 | 3801.89 | | | 10.965 | 3885.38 | 11.328 | 3858.37 | 13.315 | 3841.00 | 18.077 | 3825.04 | 15.962 | 3807.90 |
| 6.99 | 3801.49 | | | 10.957 | 3885.05 | 11.301 | 3857.97 | 13.274 | 3840.60 | 18.008 | 3824.70 | 15.957 | 3807.53 |
| 6.984 | 3801.06 | | | 10.947 | 3884.71 | 11.28 | 3857.60 | 13.236 | 3840.23 | 17.895 | 3824.33 | 15.953 | 3807.29 |
| 6.98 | 3800.59 | | | 10.936 | 3884.41 | 11.263 | 3857.20 | 13.193 | 3839.80 | 17.754 | 3824.03 | 15.948 | 3806.89 |
| 6.977 | 3800.15 | | | 10.925 | 3884.07 | 11.246 | 3856.77 | 13.164 | 3839.40 | 17.565 | 3823.60 | 15.945 | 3806.46 |
| 6.974 | 3799.85 | | | 10.912 | 3883.74 | 11.23 | 3856.33 | 13.132 | 3839.03 | 17.452 | 3823.23 | 15.939 | 3806.02 |
| 6.971 | 3799.42 | | | 10.901 | 3883.44 | 11.214 | 3855.90 | 13.095 | 3838.63 | 17.355 | 3822.83 | 15.93 | 3805.69 |
| 6.97 | 3799.12 | | | 10.891 | 3883.10 | 11.199 | 3855.50 | 13.061 | 3838.26 | 17.209 | 3822.56 | 15.911 | 3805.32 |
| 6.969 | 3798.88 | | | 10.881 | 3882.70 | 11.177 | 3854.89 | 13.021 | 3837.83 | 17.012 | 3822.13 | 15.872 | 3804.92 |
| 6.968 | 3798.48 | | | 10.874 | 3882.37 | 11.165 | 3854.49 | 12.987 | 3837.46 | 16.873 | 3821.76 | 15.833 | 3804.55 |
| 6.967 | 3798.25 | | | 10.866 | 3882.03 | 11.15 | 3854.02 | 12.951 | 3837.06 | 16.76 | 3821.39 | 15.798 | 3804.22 |
| 6.967 | 3797.81 | | | 10.851 | 3881.60 | 11.128 | 3853.62 | 12.912 | 3836.66 | 16.668 | 3820.99 | 15.771 | 3803.85 |
| 6.966 | 3797.51 | | | 10.834 | 3881.26 | 11.099 | 3853.15 | 12.875 | 3836.32 | 16.597 | 3820.62 | 15.752 | 3803.48 |
| 6.966 | 3797.18 | | | 10.819 | 3880.96 | 11.073 | 3852.75 | 12.844 | 3835.92 | 16.515 | 3820.22 | 15.736 | 3803.11 |
| 6.965 | 3796.87 | | | 10.804 | 3880.63 | 11.053 | 3852.38 | 12.808 | 3835.42 | 16.421 | 3819.85 | 15.717 | 3802.74 |
| 6.965 | 3796.54 | | | 10.793 | 3880.29 | 11.039 | 3852.12 | 12.782 | 3835.02 | 16.252 | 3819.42 | 15.694 | 3802.38 |
| 6.964 | 3796.17 | | | 10.786 | 3879.96 | 11.029 | 3851.75 | 12.756 | 3834.68 | 16.057 | 3819.15 | 15.658 | 3801.94 |
| 6.95 | 3795.74 | | | 10.78 | 3879.63 | 11.016 | 3851.51 | 12.729 | 3834.31 | 15.889 | 3818.92 | 15.623 | 3801.64 |

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April | (4/23/09) | May | | June | (6/23/09) | July | (7/20/09) | August | (8/25/09) | September | (9/29/09) | October | (10/22/09) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 6.936 | 3795.40 | | | 10.772 | 3879.29 | 11.006 | 3851.25 | 12.7 | 3833.88 | 15.708 | 3818.55 | 15.583 | 3801.31 |
| 6.923 | 3795.07 | | | 10.764 | 3878.96 | 10.999 | 3850.91 | 12.662 | 3833.51 | 15.572 | 3818.28 | 15.55 | 3800.97 |
| 6.91 | 3794.83 | | | 10.757 | 3878.62 | 10.994 | 3850.54 | 12.608 | 3833.14 | 15.457 | 3817.91 | 15.512 | 3800.64 |
| 6.901 | 3794.53 | | | 10.743 | 3878.29 | 10.986 | 3850.11 | 12.554 | 3832.77 | 15.358 | 3817.61 | 15.472 | 3800.30 |
| 6.888 | 3794.06 | | | 10.722 | 3877.85 | 10.981 | 3849.74 | 12.503 | 3832.41 | 15.258 | 3817.31 | 15.439 | 3799.97 |
| 6.876 | 3793.80 | | | 10.704 | 3877.52 | 10.977 | 3849.47 | 12.457 | 3832.00 | 15.191 | 3816.97 | 15.412 | 3799.70 |
| 6.856 | 3793.46 | | | 10.686 | 3877.15 | 10.973 | 3849.11 | 12.412 | 3831.54 | 15.161 | 3816.57 | 15.388 | 3799.33 |
| 6.84 | 3793.19 | | | 10.673 | 3876.88 | 10.971 | 3848.77 | 12.377 | 3831.07 | 15.139 | 3816.24 | 15.37 | 3799.00 |
| 6.823 | 3792.83 | | | 10.656 | 3876.45 | 10.968 | 3848.44 | 12.355 | 3830.67 | 15.118 | 3815.80 | 15.353 | 3798.70 |
| 6.811 | 3792.32 | | | 10.646 | 3876.08 | 10.964 | 3847.97 | 12.335 | 3830.30 | 15.103 | 3815.50 | 15.333 | 3798.29 |
| 6.806 | 3791.99 | | | 10.638 | 3875.74 | 10.96 | 3847.60 | 12.315 | 3829.93 | 15.084 | 3815.23 | 15.32 | 3797.99 |
| 6.8 | 3791.66 | | | 10.632 | 3875.41 | 10.954 | 3847.20 | 12.296 | 3829.56 | 15.062 | 3814.90 | 15.303 | 3797.73 |
| 6.796 | 3791.32 | | | 10.627 | 3875.14 | 10.946 | 3846.86 | 12.277 | 3829.19 | 15.026 | 3814.47 | 15.287 | 3797.42 |
| 6.79 | 3790.95 | | | 10.623 | 3874.81 | 10.935 | 3846.50 | 12.26 | 3828.83 | 14.994 | 3814.16 | 15.272 | 3797.12 |
| 6.782 | 3790.59 | | | 10.619 | 3874.51 | 10.92 | 3846.16 | 12.247 | 3828.46 | 14.964 | 3813.80 | 15.257 | 3796.86 |
| 6.774 | 3790.25 | | | 10.614 | 3874.14 | 10.903 | 3845.79 | 12.236 | 3828.09 | 14.934 | 3813.46 | 15.244 | 3796.59 |
| 6.768 | 3789.92 | | | 10.611 | 3873.84 | 10.886 | 3845.49 | 12.228 | 3827.69 | 14.905 | 3813.13 | 15.226 | 3796.19 |
| 6.764 | 3789.58 | | | 10.607 | 3873.50 | 10.872 | 3845.16 | 12.219 | 3827.29 | 14.878 | 3812.76 | 15.215 | 3795.92 |
| 6.76 | 3789.28 | | | 10.602 | 3873.20 | 10.859 | 3844.79 | 12.203 | 3826.85 | 14.852 | 3812.42 | 15.194 | 3795.48 |
| 6.757 | 3788.95 | | | 10.597 | 3872.90 | 10.848 | 3844.46 | 12.184 | 3826.48 | 14.825 | 3812.06 | 15.173 | 3795.12 |
| 6.752 | 3788.48 | | | 10.588 | 3872.43 | 10.836 | 3844.02 | 12.163 | 3826.08 | 14.797 | 3811.69 | 15.155 | 3794.82 |
| 6.748 | 3788.11 | | | 10.582 | 3872.13 | 10.829 | 3843.65 | 12.141 | 3825.72 | 14.766 | 3811.32 | 15.137 | 3794.55 |
| 6.743 | 3787.71 | | | 10.576 | 3871.76 | 10.822 | 3843.25 | 12.112 | 3825.35 | 14.725 | 3810.92 | 15.114 | 3794.21 |
| 6.737 | 3787.37 | | | 10.571 | 3871.46 | 10.817 | 3842.92 | 12.088 | 3825.01 | 14.668 | 3810.48 | 15.092 | 3793.81 |
| 6.73 | 3787.01 | | | 10.562 | 3871.16 | 10.813 | 3842.55 | 12.065 | 3824.68 | 14.62 | 3810.12 | 15.081 | 3793.61 |
| 6.723 | 3786.67 | | | 10.542 | 3870.76 | 10.81 | 3842.25 | 12.04 | 3824.28 | 14.566 | 3809.75 | 15.068 | 3793.18 |
| 6.716 | 3786.34 | | | 10.524 | 3870.43 | 10.807 | 3841.91 | 12.016 | 3823.98 | 14.508 | 3809.45 | 15.063 | 3792.98 |
| 6.71 | 3786.00 | | | 10.505 | 3870.09 | 10.805 | 3841.55 | 11.995 | 3823.64 | 14.452 | 3809.15 | 15.049 | 3792.51 |
| 6.705 | 3785.63 | | | 10.485 | 3869.79 | 10.802 | 3841.18 | 11.977 | 3823.27 | 14.401 | 3808.81 | 15.039 | 3792.21 |
| 6.7 | 3785.30 | | | 10.466 | 3869.49 | 10.799 | 3840.84 | 11.956 | 3822.74 | 14.359 | 3808.44 | 15.026 | 3791.94 |
| 6.697 | 3784.96 | | | 10.449 | 3869.15 | 10.795 | 3840.47 | 11.937 | 3822.40 | 14.324 | 3808.11 | 15.01 | 3791.50 |
| 6.693 | 3784.53 | | | 10.436 | 3868.82 | 10.79 | 3840.01 | 11.918 | 3822.07 | 14.29 | 3807.81 | 14.998 | 3791.27 |
| 6.691 | 3784.20 | | | 10.426 | 3868.52 | 10.787 | 3839.64 | 11.898 | 3821.70 | 14.259 | 3807.51 | 14.986 | 3790.90 |
| 6.688 | 3783.89 | | | 10.413 | 3868.08 | 10.783 | 3839.30 | 11.877 | 3821.33 | 14.229 | 3807.17 | 14.966 | 3790.53 |
| 6.685 | 3783.56 | | | 10.403 | 3867.82 | 10.781 | 3838.90 | 11.856 | 3820.96 | 14.189 | 3806.74 | 14.944 | 3790.03 |
| 6.683 | 3783.19 | | | 10.394 | 3867.51 | 10.778 | 3838.57 | 11.834 | 3820.63 | 14.158 | 3806.44 | 14.933 | 3789.70 |
| 6.681 | 3782.82 | | | 10.382 | 3867.15 | 10.774 | 3838.17 | 11.814 | 3820.26 | 14.128 | 3806.20 | 14.922 | 3789.43 |
| 6.679 | 3782.46 | | | 10.375 | 3866.85 | 10.768 | 3837.83 | 11.794 | 3819.89 | 14.085 | 3805.93 | 14.91 | 3789.23 |
| 6.678 | 3781.99 | | | 10.368 | 3866.44 | 10.759 | 3837.43 | 11.771 | 3819.46 | 14.052 | 3805.57 | 14.893 | 3788.83 |
| 6.677 | 3781.59 | | | 10.362 | 3866.18 | 10.751 | 3837.06 | 11.753 | 3819.09 | 14.028 | 3805.23 | 14.882 | 3788.49 |
| 6.677 | 3781.22 | | | 10.356 | 3865.88 | 10.744 | 3836.73 | 11.732 | 3818.62 | 13.996 | 3804.86 | 14.867 | 3788.12 |
| 6.677 | 3780.85 | | | 10.349 | 3865.47 | 10.736 | 3836.36 | 11.713 | 3818.25 | 13.946 | 3804.33 | 14.858 | 3787.82 |
| 6.676 | 3780.35 | | | 10.34 | 3865.17 | 10.727 | 3835.92 | 11.693 | 3817.85 | 13.919 | 3804.09 | 14.849 | 3787.49 |
| 6.676 | 3779.98 | | | 10.324 | 3864.80 | 10.721 | 3835.59 | 11.674 | 3817.55 | 13.896 | 3803.79 | 14.836 | 3787.22 |
| 6.675 | 3779.61 | | | 10.312 | 3864.54 | 10.714 | 3835.26 | 11.656 | 3817.22 | 13.874 | 3803.46 | 14.816 | 3786.72 |
| 6.676 | 3779.24 | | | 10.282 | 3864.04 | 10.704 | 3834.89 | 11.642 | 3816.85 | 13.857 | 3803.12 | 14.803 | 3786.38 |
| 6.676 | 3778.84 | | | 10.269 | 3863.73 | 10.69 | 3834.52 | 11.631 | 3816.48 | 13.84 | 3802.82 | 14.79 | 3786.08 |
| 6.676 | 3778.51 | | | 10.258 | 3863.43 | 10.674 | 3834.15 | 11.622 | 3816.11 | 13.825 | 3802.46 | 14.777 | 3785.85 |
| 6.676 | 3778.17 | | | 10.246 | 3863.17 | 10.659 | 3833.82 | 11.616 | 3815.78 | 13.809 | 3802.12 | 14.769 | 3785.55 |
| 6.676 | 3777.81 | | | 10.231 | 3862.73 | 10.645 | 3833.48 | 11.611 | 3815.41 | 13.792 | 3801.79 | 14.757 | 3785.01 |
| 6.676 | 3777.44 | | | 10.222 | 3862.46 | 10.631 | 3833.15 | 11.605 | 3815.01 | 13.772 | 3801.48 | 14.749 | 3784.78 |
| 6.675 | 3777.10 | | | 10.215 | 3862.23 | 10.618 | 3832.78 | 11.597 | 3814.51 | 13.751 | 3801.15 | 14.742 | 3784.48 |
| 6.674 | 3776.73 | | | 10.204 | 3861.76 | 10.607 | 3832.45 | 11.59 | 3814.14 | 13.729 | 3800.82 | 14.734 | 3784.18 |
| 6.674 | 3776.27 | | | 10.193 | 3861.46 | 10.59 | 3831.98 | 11.585 | 3813.81 | 13.708 | 3800.51 | 14.724 | 3783.84 |
| 6.673 | 3775.86 | | | 10.18 | 3861.06 | 10.575 | 3831.54 | 11.577 | 3813.34 | 13.697 | 3800.21 | 14.675 | 3783.34 |
| 6.673 | 3775.50 | | | 10.169 | 3860.66 | 10.564 | 3831.17 | 11.569 | 3812.97 | 13.685 | 3799.88 | 14.644 | 3783.01 |
| 6.674 | 3775.16 | | | 10.162 | 3860.39 | 10.554 | 3830.81 | 11.56 | 3812.60 | 13.675 | 3799.51 | 14.609 | 3782.64 |
| 6.674 | 3774.83 | | | 10.155 | 3860.09 | 10.546 | 3830.50 | 11.549 | 3812.23 | 13.665 | 3799.11 | 14.577 | 3782.44 |
| 6.675 | 3774.49 | | | 10.149 | 3859.79 | 10.539 | 3830.14 | 11.539 | 3811.86 | 13.658 | 3798.91 | 14.556 | 3782.14 |
| 6.676 | 3774.13 | | | 10.141 | 3859.49 | 10.533 | 3829.80 | 11.53 | 3811.50 | 13.645 | 3798.57 | 14.538 | 3781.80 |
| 6.677 | 3773.79 | | | 10.132 | 3859.08 | 10.528 | 3829.40 | 11.522 | 3811.13 | 13.631 | 3798.07 | 14.522 | 3781.47 |
| 6.678 | 3773.42 | | | 10.126 | 3858.78 | 10.524 | 3829.10 | 11.511 | 3810.79 | 13.617 | 3797.80 | 14.494 | 3781.07 |
| 6.678 | 3773.05 | | | 10.121 | 3858.48 | 10.521 | 3828.77 | 11.497 | 3810.33 | 13.589 | 3797.44 | 14.466 | 3780.73 |
| 6.678 | 3772.75 | | | 10.113 | 3858.08 | 10.515 | 3828.20 | 11.484 | 3809.96 | 13.567 | 3797.14 | 14.433 | 3780.40 |
| 6.677 | 3772.29 | | | 10.109 | 3857.78 | 10.512 | 3827.86 | 11.472 | 3809.59 | 13.541 | 3796.80 | 14.394 | 3780.09 |
| 6.675 | 3771.92 | | | 10.105 | 3857.41 | 10.507 | 3827.53 | 11.459 | 3809.19 | 13.515 | 3796.53 | 14.367 | 3779.79 |
| 6.674 | 3771.58 | | | 10.102 | 3857.14 | 10.501 | 3827.19 | 11.444 | 3808.82 | 13.488 | 3796.13 | 14.339 | 3779.46 |
| 6.67 | 3771.21 | | | 10.1 | 3856.74 | 10.494 | 3826.86 | 11.428 | 3808.49 | 13.475 | 3795.80 | 14.312 | 3779.12 |
| 6.669 | 3770.88 | | | 10.098 | 3856.47 | 10.489 | 3826.49 | 11.412 | 3808.12 | 13.461 | 3795.46 | 14.277 | 3778.69 |
| 6.666 | 3770.48 | | | 10.096 | 3856.07 | 10.485 | 3826.16 | 11.395 | 3807.75 | 13.444 | 3795.16 | 14.257 | 3778.36 |
| 6.662 | 3770.08 | | | 10.095 | 3855.74 | 10.479 | 3825.72 | 11.372 | 3807.32 | 13.418 | 3794.69 | 14.223 | 3777.95 |
| 6.661 | 3769.74 | | | 10.094 | 3855.47 | 10.475 | 3825.39 | 11.352 | 3806.98 | 13.397 | 3794.36 | 14.178 | 3777.72 |
| 6.66 | 3769.37 | | | 10.091 | 3855.10 | 10.471 | 3824.98 | 11.332 | 3806.68 | 13.373 | 3794.06 | 14.143 | 3777.42 |
| 6.659 | 3769.01 | | | 10.088 | 3854.80 | 10.466 | 3824.65 | 11.309 | 3806.21 | 13.353 | 3793.72 | 14.11 | 3777.12 |
| 6.659 | 3768.64 | | | 10.086 | 3854.50 | 10.461 | 3824.15 | 11.292 | 3805.84 | 13.336 | 3793.42 | 14.082 | 3776.85 |
| 6.659 | 3768.24 | | | 10.082 | 3854.10 | 10.456 | 3823.81 | 11.275 | 3805.51 | 13.32 | 3793.09 | 14.051 | 3776.48 |
| 6.658 | 3767.84 | | | 10.078 | 3853.80 | 10.45 | 3823.45 | 11.257 | 3805.17 | 13.306 | 3792.75 | 14.019 | 3776.01 |
| 6.657 | 3767.50 | | | 10.074 | 3853.46 | 10.443 | 3823.08 | 11.242 | 3804.84 | 13.29 | 3792.45 | 13.999 | 3775.71 |
| 6.655 | 3767.17 | | | 10.071 | 3853.10 | 10.437 | 3822.71 | 11.229 | 3804.47 | 13.272 | 3792.12 | 13.981 | 3775.41 |
| 6.653 | 3766.80 | | | 10.068 | 3852.73 | 10.431 | 3822.34 | 11.22 | 3804.17 | 13.254 | 3791.82 | 13.964 | 3775.08 |
| 6.651 | 3766.46 | | | 10.066 | 3852.43 | 10.425 | 3821.97 | 11.211 | 3803.84 | 13.233 | 3791.48 | 13.946 | 3774.78 |
| 6.649 | 3766.10 | | | 10.064 | 3852.06 | 10.417 | 3821.64 | 11.204 | 3803.53 | 13.195 | 3790.95 | 13.926 | 3774.47 |
| 6.647 | 3765.73 | | | 10.063 | 3851.82 | 10.412 | 3821.27 | 11.199 | 3803.23 | 13.175 | 3790.68 | 13.9 | 3774.01 |
| 6.646 | 3765.39 | | | 10.062 | 3851.46 | 10.408 | 3820.90 | 11.194 | 3802.97 | 13.157 | 3790.48 | 13.882 | 3773.70 |
| 6.643 | 3765.06 | | | 10.061 | 3851.09 | 10.404 | 3820.57 | 11.187 | 3802.60 | 13.136 | 3790.18 | 13.867 | 3773.37 |
| 6.641 | 3764.69 | | | 10.059 | 3850.85 | 10.4 | 3820.10 | 11.184 | 3802.33 | 13.115 | 3789.78 | 13.849 | 3772.97 |
| 6.638 | 3764.16 | | | 10.056 | 3850.45 | 10.396 | 3819.67 | 11.18 | 3802.03 | 13.102 | 3789.57 | 13.831 | 3772.57 |
| 6.636 | 3763.79 | | | 10.053 | 3850.15 | 10.392 | 3819.33 | 11.175 | 3801.76 | 13.085 | 3789.17 | 13.816 | 3772.27 |
| 6.635 | 3763.42 | | | 10.05 | 3849.78 | 10.389 | 3819.00 | 11.169 | 3801.33 | 13.071 | 3788.87 | 13.804 | 3772.00 |
| 6.635 | 3763.09 | | | 10.047 | 3849.32 | 10.386 | 3818.66 | 11.161 | 3801.03 | 13.051 | 3788.54 | 13.794 | 3771.70 |
| 6.634 | 3762.75 | | | 10.046 | 3849.05 | 10.382 | 3818.33 | 11.155 | 3800.69 | 13.035 | 3788.24 | 13.785 | 3771.40 |
| 6.633 | 3762.38 | | | 10.045 | 3848.71 | 10.378 | 3817.99 | 11.148 | 3800.32 | 13.013 | 3787.84 | 13.775 | 3771.13 |
| 6.633 | 3762.01 | | | 10.044 | 3848.48 | 10.373 | 3817.62 | 11.143 | 3800.02 | 12.997 | 3787.53 | 13.755 | 3770.69 |

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April | (4/23/09) | May | | June | (6/23/09) | July | (7/20/09) | August | (8/25/09) | September | (9/29/09) | October | (10/22/09) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 6.631 | 3761.68 | | | 10.042 | 3848.08 | 10.368 | 3817.32 | 11.136 | 3799.72 | 12.971 | 3787.10 | 13.74 | 3770.36 |
| 6.629 | 3761.31 | | | 10.039 | 3847.71 | 10.363 | 3816.99 | 11.126 | 3799.42 | 12.954 | 3786.83 | 13.723 | 3770.06 |
| 6.628 | 3760.94 | | | 10.037 | 3847.44 | 10.359 | 3816.69 | 11.114 | 3799.02 | 12.93 | 3786.50 | 13.701 | 3769.69 |
| 6.626 | 3760.58 | | | 10.032 | 3847.07 | 10.354 | 3816.25 | 11.106 | 3798.62 | 12.906 | 3786.10 | 13.683 | 3769.36 |
| 6.624 | 3760.11 | | | 10.025 | 3846.61 | 10.351 | 3815.92 | 11.095 | 3798.28 | 12.893 | 3785.79 | 13.665 | 3769.05 |
| 6.621 | 3759.74 | | | 10.019 | 3846.44 | 10.347 | 3815.62 | 11.083 | 3797.91 | 12.872 | 3785.36 | 13.649 | 3768.75 |
| 6.618 | 3759.37 | | | 10.011 | 3846.07 | 10.343 | 3815.32 | 11.072 | 3797.51 | 12.862 | 3785.06 | 13.633 | 3768.45 |
| 6.614 | 3759.04 | | | 10.001 | 3845.74 | 10.339 | 3814.98 | 11.06 | 3797.18 | 12.852 | 3784.72 | 13.613 | 3768.02 |
| 6.607 | 3758.67 | | | 9.99 | 3845.50 | 10.336 | 3814.68 | 11.05 | 3796.81 | 12.837 | 3784.42 | 13.6 | 3767.72 |
| 6.599 | 3758.27 | | | 9.979 | 3845.13 | 10.332 | 3814.28 | 11.038 | 3796.44 | 12.818 | 3784.02 | 13.585 | 3767.38 |
| 6.592 | 3757.90 | | | 9.971 | 3844.83 | 10.329 | 3813.98 | 11.027 | 3796.11 | 12.8 | 3783.69 | 13.574 | 3767.08 |
| 6.585 | 3757.56 | | | 9.963 | 3844.30 | 10.326 | 3813.64 | 11.017 | 3795.81 | 12.781 | 3783.39 | 13.564 | 3766.81 |
| 6.579 | 3757.20 | | | 9.96 | 3844.00 | 10.323 | 3813.34 | 11.008 | 3795.51 | 12.758 | 3782.98 | 13.547 | 3766.31 |
| 6.573 | 3756.86 | | | 9.958 | 3843.79 | 10.32 | 3813.04 | 10.998 | 3795.14 | 12.74 | 3782.68 | 13.535 | 3766.04 |
| 6.568 | 3756.49 | | | 9.955 | 3843.49 | 10.315 | 3812.61 | 10.992 | 3794.84 | 12.722 | 3782.35 | 13.522 | 3765.78 |
| 6.565 | 3756.03 | | | 9.939 | 3843.03 | 10.312 | 3812.31 | 10.986 | 3794.54 | 12.704 | 3782.05 | 13.504 | 3765.34 |
| 6.562 | 3755.69 | | | 9.927 | 3842.79 | 10.308 | 3812.00 | 10.976 | 3794.27 | 12.686 | 3781.78 | 13.494 | 3765.07 |
| 6.56 | 3755.32 | | | 9.907 | 3842.46 | 10.304 | 3811.70 | 10.965 | 3793.97 | 12.657 | 3781.34 | 13.481 | 3764.71 |
| 6.558 | 3754.96 | | | 9.888 | 3842.16 | 10.297 | 3811.40 | 10.953 | 3793.70 | 12.631 | 3781.01 | 13.474 | 3764.47 |
| 6.556 | 3754.59 | | | 9.87 | 3841.69 | 10.29 | 3810.93 | 10.94 | 3793.36 | 12.597 | 3780.74 | 13.465 | 3764.10 |
| 6.552 | 3754.22 | | | 9.862 | 3841.42 | 10.285 | 3810.63 | 10.933 | 3793.10 | 12.553 | 3780.41 | 13.459 | 3763.74 |
| 6.548 | 3753.85 | | | 9.853 | 3841.05 | 10.279 | 3810.33 | 10.924 | 3792.66 | 12.501 | 3780.07 | 13.452 | 3763.30 |
| 6.544 | 3753.48 | | | 9.848 | 3840.75 | 10.273 | 3810.00 | 10.917 | 3792.39 | 12.439 | 3779.64 | 13.447 | 3763.07 |
| 6.541 | 3753.15 | | | 9.845 | 3840.42 | 10.269 | 3809.70 | 10.908 | 3792.13 | 12.398 | 3779.37 | 13.442 | 3762.73 |
| 6.538 | 3752.78 | | | 9.843 | 3840.11 | 10.261 | 3809.13 | 10.892 | 3791.79 | 12.366 | 3779.07 | 13.438 | 3762.46 |
| 6.533 | 3752.31 | | | 9.84 | 3839.75 | 10.255 | 3808.76 | 10.866 | 3791.36 | 12.334 | 3778.70 | 13.431 | 3762.10 |
| 6.527 | 3751.88 | | | 9.839 | 3839.35 | 10.249 | 3808.49 | 10.855 | 3791.12 | 12.312 | 3778.40 | 13.425 | 3761.76 |
| 6.523 | 3751.51 | | | 9.838 | 3838.91 | 10.244 | 3808.26 | 10.84 | 3790.75 | 12.293 | 3778.13 | 13.418 | 3761.39 |
| 6.521 | 3751.14 | | | 9.837 | 3838.54 | 10.239 | 3808.02 | 10.826 | 3790.39 | 12.272 | 3777.66 | 13.41 | 3761.06 |
| 6.516 | 3750.81 | | | 9.836 | 3838.31 | 10.23 | 3807.62 | 10.814 | 3789.95 | 12.26 | 3777.40 | 13.401 | 3760.66 |
| 6.51 | 3750.44 | | | 9.835 | 3838.11 | 10.226 | 3807.29 | 10.806 | 3789.52 | 12.248 | 3777.10 | 13.396 | 3760.42 |
| 6.505 | 3750.07 | | | 9.834 | 3837.71 | 10.221 | 3806.99 | 10.801 | 3789.18 | 12.225 | 3776.66 | 13.386 | 3760.09 |
| 6.502 | 3749.70 | | | 9.833 | 3837.44 | 10.217 | 3806.68 | 10.798 | 3788.85 | 12.195 | 3776.23 | 13.373 | 3759.75 |
| 6.498 | 3749.33 | | | 9.832 | 3836.94 | 10.214 | 3806.28 | 10.794 | 3788.51 | 12.165 | 3775.99 | 13.357 | 3759.42 |
| 6.496 | 3749.00 | | | 9.831 | 3836.64 | 10.209 | 3805.98 | 10.792 | 3788.15 | 12.133 | 3775.69 | 13.337 | 3759.05 |
| 6.494 | 3748.67 | | | 9.829 | 3836.43 | 10.204 | 3805.68 | 10.791 | 3787.78 | 12.101 | 3775.36 | 13.323 | 3758.78 |
| 6.493 | 3748.30 | | | 9.827 | 3836.10 | 10.2 | 3805.41 | 10.788 | 3787.48 | 12.07 | 3775.02 | 13.302 | 3758.42 |
| 6.491 | 3747.83 | | | 9.825 | 3835.70 | 10.191 | 3805.01 | 10.787 | 3787.24 | 12.043 | 3774.75 | 13.281 | 3757.98 |
| 6.489 | 3747.46 | | | 9.823 | 3835.40 | 10.183 | 3804.64 | 10.784 | 3787.01 | 12.012 | 3774.32 | 13.27 | 3757.75 |
| 6.488 | 3747.09 | | | 9.821 | 3835.06 | 10.175 | 3804.38 | 10.78 | 3786.71 | 11.995 | 3773.98 | 13.256 | 3757.41 |
| 6.488 | 3746.69 | | | 9.818 | 3834.63 | 10.161 | 3803.94 | 10.767 | 3786.27 | 11.975 | 3773.65 | 13.243 | 3757.04 |
| 6.487 | 3746.26 | | | 9.816 | 3834.23 | 10.15 | 3803.61 | 10.757 | 3785.84 | 11.953 | 3773.25 | 13.232 | 3756.78 |
| 6.486 | 3745.89 | | | 9.814 | 3834.03 | 10.137 | 3803.24 | 10.751 | 3785.57 | 11.935 | 3772.95 | 13.22 | 3756.41 |
| 6.486 | 3745.49 | | | 9.813 | 3833.83 | 10.13 | 3802.97 | 10.745 | 3785.23 | 11.909 | 3772.48 | 13.21 | 3756.04 |
| 6.485 | 3745.12 | | | 9.809 | 3833.29 | 10.125 | 3802.67 | 10.739 | 3784.90 | 11.889 | 3772.14 | 13.202 | 3755.77 |
| 6.484 | 3744.72 | | | 9.805 | 3833.06 | 10.117 | 3802.27 | 10.731 | 3784.57 | 11.871 | 3771.81 | 13.184 | 3755.34 |
| 6.483 | 3744.35 | | | 9.799 | 3832.79 | 10.114 | 3801.97 | 10.722 | 3784.26 | 11.856 | 3771.44 | 13.173 | 3755.07 |
| 6.481 | 3743.98 | | | 9.789 | 3832.39 | 10.11 | 3801.67 | 10.712 | 3783.96 | 11.841 | 3771.11 | 13.157 | 3754.70 |
| 6.479 | 3743.48 | | | 9.778 | 3832.05 | 10.104 | 3801.23 | 10.704 | 3783.66 | 11.829 | 3770.81 | 13.147 | 3754.43 |
| 6.478 | 3743.08 | | | 9.767 | 3831.68 | 10.099 | 3800.93 | 10.697 | 3783.33 | 11.817 | 3770.51 | 13.134 | 3754.07 |
| 6.478 | 3742.74 | | | 9.757 | 3831.35 | 10.095 | 3800.63 | 10.689 | 3783.03 | 11.807 | 3770.20 | 13.123 | 3753.73 |
| 6.477 | 3742.34 | | | 9.748 | 3831.02 | 10.091 | 3800.33 | 10.683 | 3782.69 | 11.797 | 3769.87 | 13.114 | 3753.46 |
| 6.476 | 3741.97 | | | 9.736 | 3830.55 | 10.087 | 3799.93 | 10.675 | 3782.32 | 11.787 | 3769.54 | 13.103 | 3753.10 |
| 6.475 | 3741.61 | | | 9.727 | 3830.21 | 10.082 | 3799.66 | 10.67 | 3781.96 | 11.778 | 3769.20 | 13.093 | 3752.80 |
| 6.474 | 3741.21 | | | 9.716 | 3829.91 | 10.076 | 3799.26 | 10.666 | 3781.65 | 11.764 | 3768.83 | 13.083 | 3752.46 |
| 6.472 | 3740.84 | | | 9.707 | 3829.61 | 10.07 | 3798.96 | 10.662 | 3781.32 | 11.754 | 3768.53 | 13.076 | 3752.09 |
| 6.47 | 3740.44 | | | 9.697 | 3829.34 | 10.064 | 3798.66 | 10.655 | 3781.02 | 11.745 | 3768.20 | 13.058 | 3751.72 |
| 6.467 | 3740.00 | | | 9.685 | 3828.97 | 10.058 | 3798.29 | 10.646 | 3780.68 | 11.733 | 3767.80 | 13.037 | 3751.32 |
| 6.463 | 3739.60 | | | 9.676 | 3828.67 | 10.053 | 3797.99 | 10.634 | 3780.32 | 11.721 | 3767.46 | 13.024 | 3751.06 |
| 6.458 | 3739.10 | | | 9.668 | 3828.37 | 10.046 | 3797.55 | 10.627 | 3780.02 | 11.709 | 3767.13 | 13.009 | 3750.69 |
| 6.452 | 3738.70 | | | 9.66 | 3827.94 | 10.041 | 3797.25 | 10.619 | 3779.71 | 11.695 | 3766.79 | 12.994 | 3750.22 |
| 6.446 | 3738.33 | | | 9.653 | 3827.74 | 10.037 | 3796.98 | 10.599 | 3779.18 | 11.681 | 3766.49 | 12.983 | 3749.95 |
| 6.441 | 3737.93 | | | 9.635 | 3827.30 | 10.032 | 3796.58 | 10.587 | 3778.88 | 11.67 | 3766.16 | 12.973 | 3749.68 |
| 6.435 | 3737.56 | | | 9.625 | 3827.07 | 10.029 | 3796.31 | 10.575 | 3778.58 | 11.657 | 3765.82 | 12.958 | 3749.32 |
| 6.424 | 3737.22 | | | 9.612 | 3826.70 | 10.026 | 3795.98 | 10.565 | 3778.31 | 11.643 | 3765.49 | 12.948 | 3749.05 |
| 6.417 | 3736.92 | | | 9.602 | 3826.40 | 10.023 | 3795.58 | 10.557 | 3778.04 | 11.62 | 3765.12 | 12.931 | 3748.65 |
| 6.411 | 3736.69 | | | 9.593 | 3826.03 | 10.021 | 3795.28 | 10.547 | 3777.74 | 11.601 | 3764.82 | 12.919 | 3748.38 |
| 6.406 | 3736.25 | | | 9.589 | 3825.80 | 10.019 | 3795.01 | 10.539 | 3777.31 | 11.583 | 3764.52 | 12.902 | 3747.98 |
| 6.404 | 3735.85 | | | 9.586 | 3825.36 | 10.016 | 3794.54 | 10.534 | 3777.04 | 11.565 | 3764.18 | 12.891 | 3747.68 |
| 6.402 | 3735.35 | | | 9.584 | 3824.99 | 10.014 | 3794.27 | 10.523 | 3776.70 | 11.546 | 3763.85 | 12.87 | 3747.21 |
| 6.4 | 3734.95 | | | 9.581 | 3824.69 | 10.011 | 3793.97 | 10.506 | 3776.34 | 11.529 | 3763.55 | 12.859 | 3746.94 |
| 6.4 | 3734.61 | | | 9.58 | 3824.39 | 10.006 | 3793.47 | 10.497 | 3776.00 | 11.513 | 3763.28 | 12.848 | 3746.64 |
| 6.399 | 3734.25 | | | 9.578 | 3824.06 | 10.004 | 3793.17 | 10.491 | 3775.70 | 11.497 | 3762.94 | 12.838 | 3746.37 |
| 6.398 | 3733.78 | | | 9.577 | 3823.76 | 10.002 | 3792.80 | 10.485 | 3775.37 | 11.479 | 3762.54 | 12.826 | 3746.00 |
| 6.398 | 3733.44 | | | 9.576 | 3823.32 | 9.999 | 3792.50 | 10.48 | 3775.03 | 11.465 | 3762.21 | 12.813 | 3745.70 |
| 6.397 | 3733.11 | | | 9.573 | 3823.05 | 9.996 | 3792.23 | 10.476 | 3774.70 | 11.452 | 3761.87 | 12.794 | 3745.27 |
| 6.397 | 3732.74 | | | 9.566 | 3822.68 | 9.992 | 3791.93 | 10.473 | 3774.23 | 11.435 | 3761.44 | 12.779 | 3744.97 |
| 6.396 | 3732.37 | | | 9.563 | 3822.35 | 9.989 | 3791.63 | 10.469 | 3773.93 | 11.421 | 3761.07 | 12.763 | 3744.67 |
| 6.396 | 3732.01 | | | 9.556 | 3822.05 | 9.985 | 3791.33 | 10.465 | 3773.66 | 11.407 | 3760.74 | 12.747 | 3744.40 |
| 6.396 | 3731.64 | | | 9.549 | 3821.71 | 9.978 | 3790.89 | 10.458 | 3773.32 | 11.392 | 3760.40 | 12.721 | 3743.90 |
| 6.396 | 3731.17 | | | 9.539 | 3821.45 | 9.974 | 3790.63 | 10.452 | 3773.02 | 11.377 | 3760.07 | 12.706 | 3743.63 |
| 6.395 | 3730.83 | | | 9.529 | 3821.05 | 9.969 | 3790.33 | 10.445 | 3772.52 | 11.363 | 3759.70 | 12.693 | 3743.33 |
| 6.396 | 3730.50 | | | 9.523 | 3820.64 | 9.96 | 3789.96 | 10.441 | 3772.22 | 11.348 | 3759.33 | 12.678 | 3743.03 |
| 6.396 | 3730.13 | | | 9.516 | 3820.31 | 9.951 | 3789.59 | 10.438 | 3771.92 | 11.334 | 3759.00 | 12.662 | 3742.59 |
| 6.396 | 3729.76 | | | 9.504 | 3819.94 | 9.945 | 3789.32 | 10.434 | 3771.62 | 11.319 | 3758.63 | 12.652 | 3742.29 |
| 6.396 | 3729.40 | | | 9.491 | 3819.57 | 9.937 | 3788.89 | 10.432 | 3771.32 | 11.303 | 3758.26 | 12.643 | 3741.99 |
| 6.396 | 3729.06 | | | 9.477 | 3819.21 | 9.933 | 3788.59 | 10.428 | 3770.95 | 11.289 | 3757.93 | 12.632 | 3741.72 |
| 6.396 | 3728.73 | | | 9.466 | 3818.84 | 9.928 | 3788.32 | 10.424 | 3770.65 | 11.273 | 3757.49 | 12.618 | 3741.32 |
| 6.396 | 3728.39 | | | 9.459 | 3818.54 | 9.919 | 3787.92 | 10.421 | 3770.31 | 11.263 | 3757.16 | 12.608 | 3741.05 |
| 6.396 | 3728.06 | | | 9.452 | 3818.27 | 9.909 | 3787.58 | 10.415 | 3769.85 | 11.251 | 3756.72 | 12.593 | 3740.68 |
| 6.396 | 3727.79 | | | 9.447 | 3818.03 | 9.899 | 3787.28 | 10.41 | 3769.54 | 11.239 | 3756.39 | 12.576 | 3740.25 |
| 6.396 | 3727.39 | | | 9.444 | 3817.70 | 9.884 | 3786.88 | 10.406 | 3769.21 | 11.223 | 3756.09 | 12.563 | 3739.98 |
| 6.396 | 3727.09 | | | 9.44 | 3817.26 | 9.877 | 3786.61 | 10.402 | 3768.87 | 11.205 | 3755.79 | 12.546 | 3739.71 |

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April (4/23/09) | | May | | June (6/23/09) | | July (7/20/09) | | August (8/25/09) | | September (9/29/09) | | October (10/22/09) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 6.396 | 3726.75 | | | 9.438 | 3817.03 | 9.869 | 3786.24 | 10.398 | 3768.61 | 11.189 | 3755.42 | 12.516 | 3739.35 |
| 6.396 | 3726.42 | | | 9.434 | 3816.73 | 9.863 | 3786.01 | 10.394 | 3768.34 | 11.177 | 3755.05 | 12.487 | 3738.95 |
| 6.395 | 3726.08 | | | 9.427 | 3816.33 | 9.854 | 3785.57 | 10.388 | 3767.87 | 11.166 | 3754.75 | 12.472 | 3738.68 |
| 6.395 | 3725.78 | | | 9.421 | 3815.96 | 9.847 | 3785.21 | 10.382 | 3767.54 | 11.158 | 3754.41 | 12.457 | 3738.31 |
| 6.396 | 3725.75 | | | 9.417 | 3815.69 | 9.844 | 3784.94 | 10.377 | 3767.24 | 11.151 | 3754.08 | 12.449 | 3738.04 |
| 6.392 | 3725.45 | | | 9.413 | 3815.36 | 9.84 | 3784.50 | 10.372 | 3766.93 | 11.143 | 3753.61 | 12.421 | 3737.61 |
| | | | | 9.409 | 3814.99 | 9.835 | 3784.14 | 10.368 | 3766.63 | 11.137 | 3753.24 | 12.402 | 3737.34 |
| | | | | 9.403 | 3814.66 | 9.831 | 3783.83 | 10.362 | 3766.20 | 11.133 | 3752.91 | 12.375 | 3736.97 |
| | | | | 9.397 | 3814.29 | 9.828 | 3783.53 | 10.358 | 3765.90 | 11.126 | 3752.54 | 12.36 | 3736.70 |
| | | | | 9.386 | 3813.92 | 9.825 | 3783.27 | 10.352 | 3765.63 | 11.119 | 3752.17 | 12.34 | 3736.34 |
| | | | | 9.377 | 3813.69 | 9.819 | 3782.83 | 10.345 | 3765.16 | 11.11 | 3751.77 | 12.322 | 3736.00 |
| | | | | 9.368 | 3813.32 | 9.815 | 3782.53 | 10.342 | 3764.86 | 11.101 | 3751.40 | 12.306 | 3735.60 |
| | | | | 9.358 | 3813.02 | 9.81 | 3782.20 | 10.339 | 3764.49 | 11.089 | 3750.97 | 12.294 | 3735.30 |
| | | | | 9.344 | 3812.58 | 9.805 | 3781.89 | 10.337 | 3764.19 | 11.08 | 3750.60 | 12.282 | 3734.96 |
| | | | | 9.336 | 3812.28 | 9.797 | 3781.59 | 10.335 | 3763.86 | 11.073 | 3750.26 | 12.272 | 3734.66 |
| | | | | 9.328 | 3812.01 | 9.786 | 3781.16 | 10.331 | 3763.56 | 11.066 | 3749.90 | 12.26 | 3734.23 |
| | | | | 9.32 | 3811.71 | 9.773 | 3780.69 | 10.324 | 3763.25 | 11.06 | 3749.50 | 12.249 | 3733.96 |
| | | | | 9.315 | 3811.24 | 9.759 | 3780.42 | 10.316 | 3762.85 | 11.056 | 3749.16 | 12.236 | 3733.66 |
| | | | | 9.311 | 3810.91 | 9.744 | 3780.12 | 10.31 | 3762.52 | 11.051 | 3748.83 | 12.22 | 3733.26 |
| | | | | 9.308 | 3810.64 | 9.733 | 3779.82 | 10.302 | 3762.25 | 11.048 | 3748.49 | 12.211 | 3732.99 |
| | | | | 9.303 | 3810.27 | 9.724 | 3779.52 | 10.296 | 3761.98 | 11.045 | 3748.16 | 12.206 | 3732.69 |
| | | | | 9.28 | 3809.90 | 9.717 | 3779.18 | 10.284 | 3761.55 | 11.042 | 3747.89 | 12.199 | 3732.25 |
| | | | | 9.251 | 3809.60 | 9.713 | 3778.88 | 10.274 | 3761.25 | 11.039 | 3747.59 | 12.196 | 3731.99 |
| | | | | 9.218 | 3809.27 | 9.71 | 3778.55 | 10.266 | 3760.91 | 11.036 | 3747.25 | 12.194 | 3731.62 |
| | | | | 9.19 | 3808.90 | 9.707 | 3778.25 | 10.257 | 3760.65 | 11.033 | 3746.95 | 12.192 | 3731.32 |
| | | | | 9.17 | 3808.67 | 9.704 | 3777.91 | 10.242 | 3760.34 | 11.029 | 3746.69 | 12.186 | 3730.88 |
| | | | | 9.148 | 3808.27 | 9.699 | 3777.44 | 10.226 | 3759.81 | 11.021 | 3746.15 | 12.18 | 3730.58 |
| | | | | 9.132 | 3807.86 | 9.694 | 3777.01 | 10.219 | 3759.51 | 11.016 | 3745.82 | 12.173 | 3730.31 |
| | | | | 9.125 | 3807.53 | 9.689 | 3776.61 | 10.212 | 3759.14 | 11.009 | 3745.48 | 12.165 | 3729.95 |
| | | | | 9.119 | 3807.23 | 9.685 | 3776.31 | 10.207 | 3758.94 | 11.003 | 3745.21 | 12.158 | 3729.64 |
| | | | | 9.114 | 3806.93 | 9.682 | 3775.94 | 10.2 | 3758.64 | 10.997 | 3744.91 | 12.147 | 3729.21 |
| | | | | 9.11 | 3806.56 | 9.679 | 3775.60 | 10.193 | 3758.30 | 10.992 | 3744.58 | 12.14 | 3728.94 |
| | | | | 9.108 | 3806.29 | 9.677 | 3775.27 | 10.186 | 3757.87 | 10.986 | 3744.28 | 12.133 | 3728.64 |
| | | | | 9.106 | 3805.89 | 9.673 | 3774.94 | 10.181 | 3757.63 | 10.982 | 3743.98 | 12.125 | 3728.27 |
| | | | | 9.105 | 3805.62 | 9.668 | 3774.60 | 10.172 | 3757.27 | 10.973 | 3743.54 | 12.119 | 3728.01 |
| | | | | 9.103 | 3805.25 | 9.663 | 3774.27 | 10.167 | 3756.90 | 10.968 | 3743.21 | 12.108 | 3727.60 |
| | | | | 9.102 | 3804.89 | 9.655 | 3773.97 | 10.164 | 3756.56 | 10.963 | 3742.90 | 12.1 | 3727.30 |
| | | | | 9.101 | 3804.59 | 9.648 | 3773.66 | 10.161 | 3756.30 | 10.954 | 3742.47 | 12.084 | 3726.90 |
| | | | | 9.1 | 3804.32 | 9.641 | 3773.23 | 10.152 | 3755.96 | 10.943 | 3742.17 | 12.069 | 3726.63 |
| | | | | 9.098 | 3803.92 | 9.637 | 3772.89 | 10.143 | 3755.56 | 10.931 | 3741.87 | 12.038 | 3726.23 |
| | | | | 9.097 | 3803.65 | 9.632 | 3772.46 | 10.136 | 3755.26 | 10.92 | 3741.57 | 12.017 | 3725.93 |
| | | | | 9.096 | 3803.28 | 9.628 | 3772.16 | 10.129 | 3754.96 | 10.91 | 3741.27 | 12.001 | 3725.66 |
| | | | | 9.096 | 3802.91 | 9.625 | 3771.82 | 10.12 | 3754.56 | 10.898 | 3740.93 | 11.982 | 3725.23 |
| | | | | 9.096 | 3802.61 | 9.622 | 3771.49 | 10.11 | 3754.15 | 10.886 | 3740.63 | 11.974 | 3724.96 |
| | | | | 9.096 | 3802.28 | 9.616 | 3771.16 | 10.104 | 3753.82 | 10.876 | 3740.26 | 11.966 | 3724.63 |
| | | | | 9.095 | 3801.91 | 9.607 | 3770.85 | 10.1 | 3753.52 | 10.87 | 3739.96 | 11.958 | 3724.26 |
| | | | | 9.096 | 3801.64 | 9.597 | 3770.59 | 10.097 | 3753.22 | 10.864 | 3739.53 | 11.954 | 3723.99 |
| | | | | 9.094 | 3801.31 | 9.582 | 3770.12 | 10.094 | 3752.95 | 10.86 | 3739.12 | 11.945 | 3723.62 |
| | | | | 9.093 | 3800.97 | 9.571 | 3769.68 | 10.09 | 3752.55 | 10.857 | 3738.79 | 11.934 | 3723.22 |
| | | | | 9.092 | 3800.67 | 9.56 | 3769.35 | 10.087 | 3752.25 | 10.854 | 3738.49 | 11.926 | 3722.95 |
| | | | | 9.088 | 3800.34 | 9.551 | 3769.05 | 10.084 | 3751.95 | 10.851 | 3738.22 | 11.907 | 3722.59 |
| | | | | 9.083 | 3799.90 | 9.538 | 3768.75 | 10.079 | 3751.48 | 10.847 | 3737.89 | 11.883 | 3722.25 |
| | | | | 9.082 | 3799.67 | 9.528 | 3768.41 | 10.076 | 3751.21 | 10.841 | 3737.59 | 11.866 | 3721.98 |
| | | | | 9.079 | 3799.30 | 9.518 | 3768.11 | 10.07 | 3750.84 | 10.835 | 3737.25 | 11.841 | 3721.62 |
| | | | | 9.074 | 3798.90 | 9.51 | 3767.81 | 10.066 | 3750.54 | 10.828 | 3736.95 | 11.811 | 3721.25 |
| | | | | 9.073 | 3798.60 | 9.504 | 3767.48 | 10.062 | 3750.21 | 10.818 | 3736.51 | 11.783 | 3720.98 |
| | | | | 9.07 | 3798.30 | 9.497 | 3767.17 | 10.057 | 3749.94 | 10.81 | 3736.18 | 11.735 | 3720.61 |
| | | | | 9.064 | 3798.03 | 9.489 | 3766.87 | 10.05 | 3749.64 | 10.8 | 3735.81 | 11.687 | 3720.28 |
| | | | | 9.053 | 3797.69 | 9.47 | 3766.34 | 10.04 | 3749.24 | 10.787 | 3735.38 | 11.632 | 3719.91 |
| | | | | | | 9.457 | 3766.04 | 10.033 | 3748.80 | 10.779 | 3735.04 | 11.583 | 3719.57 |
| | | | | | | 9.445 | 3765.67 | 10.024 | 3748.47 | 10.768 | 3734.67 | 11.546 | 3719.31 |
| | | | | | | 9.435 | 3765.37 | 10.014 | 3748.23 | 10.76 | 3734.34 | 11.5 | 3718.94 |
| | | | | | | 9.426 | 3765.07 | 10.001 | 3747.93 | 10.751 | 3734.01 | 11.431 | 3718.57 |
| | | | | | | 9.419 | 3764.80 | 9.992 | 3747.50 | 10.742 | 3733.67 | 11.369 | 3718.24 |
| | | | | | | 9.414 | 3764.50 | 9.988 | 3747.20 | 10.733 | 3733.34 | 11.304 | 3717.90 |
| | | | | | | 9.408 | 3764.23 | 9.983 | 3746.89 | 10.723 | 3733.04 | 11.225 | 3717.60 |
| | | | | | | 9.398 | 3763.76 | 9.976 | 3746.53 | 10.714 | 3732.67 | 11.17 | 3717.30 |
| | | | | | | 9.391 | 3763.43 | 9.971 | 3746.13 | 10.706 | 3732.37 | 11.124 | 3716.93 |
| | | | | | | 9.384 | 3763.09 | 9.967 | 3745.82 | 10.698 | 3732.03 | 11.063 | 3716.66 |
| | | | | | | 9.374 | 3762.69 | 9.961 | 3745.49 | 10.688 | 3731.63 | 11.006 | 3716.30 |
| | | | | | | 9.368 | 3762.36 | 9.949 | 3745.09 | 10.682 | 3731.30 | 10.957 | 3715.96 |
| | | | | | | 9.362 | 3762.02 | 9.939 | 3744.82 | 10.674 | 3730.96 | 10.822 | 3715.66 |
| | | | | | | 9.358 | 3761.72 | 9.932 | 3744.52 | 10.668 | 3730.63 | 10.662 | 3715.33 |
| | | | | | | 9.354 | 3761.35 | 9.927 | 3744.22 | 10.66 | 3730.16 | | |
| | | | | | | 9.351 | 3761.05 | 9.92 | 3743.75 | 10.656 | 3729.82 | | |
| | | | | | | 9.349 | 3760.72 | 9.917 | 3743.42 | 10.653 | 3729.49 | | |
| | | | | | | 9.346 | 3760.35 | 9.913 | 3743.05 | 10.648 | 3729.09 | | |
| | | | | | | 9.343 | 3760.05 | 9.91 | 3742.78 | 10.645 | 3728.75 | | |
| | | | | | | 9.341 | 3759.75 | 9.907 | 3742.48 | 10.641 | 3728.42 | | |
| | | | | | | 9.339 | 3759.45 | 9.903 | 3742.18 | 10.632 | 3727.95 | | |
| | | | | | | 9.337 | 3759.01 | 9.899 | 3741.84 | 10.623 | 3727.62 | | |
| | | | | | | 9.334 | 3758.68 | 9.893 | 3741.41 | 10.615 | 3727.28 | | |
| | | | | | | 9.33 | 3758.38 | 9.887 | 3741.11 | 10.609 | 3726.95 | | |
| | | | | | | 9.328 | 3758.04 | 9.881 | 3740.81 | 10.604 | 3726.61 | | |
| | | | | | | 9.324 | 3757.74 | 9.876 | 3740.47 | 10.598 | 3726.28 | | |
| | | | | | | 9.321 | 3757.41 | 9.871 | 3740.20 | 10.594 | 3725.91 | | |
| | | | | | | 9.318 | 3757.10 | 9.868 | 3739.77 | 10.591 | 3725.58 | | |
| | | | | | | 9.315 | 3756.84 | 9.865 | 3739.47 | 10.587 | 3725.24 | | |
| | | | | | | 9.313 | 3756.50 | 9.863 | 3739.13 | 10.581 | 3724.77 | | |
| | | | | | | 9.311 | 3756.17 | 9.863 | 3738.80 | 10.573 | 3724.47 | | |
| | | | | | | 9.31 | 3755.83 | 9.861 | 3738.50 | 10.564 | 3724.00 | | |
| | | | | | | 9.309 | 3755.46 | 9.86 | 3738.13 | 10.558 | 3723.67 | | |
| | | | | | | 9.308 | 3755.13 | 9.859 | 3737.76 | 10.553 | 3723.27 | | |

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April (4/23/09) | | May | | June (6/23/09) | | July (7/20/09) | | August (8/25/09) | | September (9/29/09) | | October (10/22/09) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| | | | | | | 9.308 | 3754.86 | 9.855 | 3737.43 | 10.548 | 3722.93 | | |
| | | | | | | 9.308 | 3754.46 | 9.85 | 3737.06 | 10.541 | 3722.60 | | |
| | | | | | | 9.308 | 3754.16 | 9.842 | 3736.76 | 10.536 | 3722.26 | | |
| | | | | | | 9.308 | 3753.86 | 9.835 | 3736.49 | 10.532 | 3721.89 | | |
| | | | | | | 9.306 | 3753.46 | 9.827 | 3736.22 | 10.525 | 3721.56 | | |
| | | | | | | 9.304 | 3753.19 | 9.818 | 3735.72 | 10.507 | 3721.09 | | |
| | | | | | | 9.302 | 3752.75 | 9.81 | 3735.35 | 10.495 | 3720.79 | | |
| | | | | | | 9.298 | 3752.39 | 9.802 | 3735.05 | 10.482 | 3720.36 | | |
| | | | | | | 9.294 | 3752.12 | 9.795 | 3734.75 | 10.471 | 3720.05 | | |
| | | | | | | 9.29 | 3751.82 | 9.785 | 3734.35 | 10.465 | 3719.75 | | |
| | | | | | | 9.284 | 3751.42 | 9.777 | 3734.01 | 10.454 | 3719.42 | | |
| | | | | | | 9.28 | 3751.12 | 9.771 | 3733.68 | 10.438 | 3719.12 | | |
| | | | | | | 9.277 | 3750.81 | 9.768 | 3733.35 | 10.426 | 3718.82 | | |
| | | | | | | 9.273 | 3750.38 | 9.764 | 3733.04 | 10.416 | 3718.48 | | |
| | | | | | | 9.27 | 3750.08 | 9.76 | 3732.74 | 10.406 | 3718.18 | | |
| | | | | | | 9.267 | 3749.71 | 9.755 | 3732.38 | 10.393 | 3717.78 | | |
| | | | | | | 9.264 | 3749.44 | 9.752 | 3732.07 | 10.385 | 3717.45 | | |
| | | | | | | 9.261 | 3749.04 | 9.751 | 3731.74 | 10.378 | 3717.11 | | |
| | | | | | | 9.258 | 3748.74 | 9.749 | 3731.41 | 10.362 | 3716.68 | | |
| | | | | | | 9.255 | 3748.44 | 9.748 | 3731.07 | 10.353 | 3716.34 | | |
| | | | | | | 9.252 | 3748.17 | 9.748 | 3730.67 | 10.346 | 3716.04 | | |
| | | | | | | 9.242 | 3747.84 | 9.747 | 3730.40 | 10.342 | 3715.71 | | |
| | | | | | | 9.233 | 3747.50 | 9.746 | 3730.13 | 10.344 | 3715.34 | | |
| | | | | | | 9.222 | 3747.13 | 9.745 | 3729.83 | 10.342 | 3715.07 | | |
| | | | | | | 9.205 | 3746.77 | 9.745 | 3729.50 | 10.34 | 3714.80 | | |
| | | | | | | 9.194 | 3746.50 | 9.745 | 3729.16 | 10.337 | 3714.50 | | |
| | | | | | | 9.18 | 3746.06 | 9.744 | 3728.73 | 10.335 | 3714.17 | | |
| | | | | | | 9.172 | 3745.80 | 9.743 | 3728.43 | 10.334 | 3713.87 | | |
| | | | | | | 9.164 | 3745.36 | 9.742 | 3728.13 | 10.331 | 3713.40 | | |
| | | | | | | 9.159 | 3745.06 | 9.741 | 3727.83 | 10.328 | 3712.96 | | |
| | | | | | | 9.154 | 3744.79 | 9.734 | 3727.29 | 10.325 | 3712.63 | | |
| | | | | | | 9.148 | 3744.46 | 9.728 | 3726.89 | 10.323 | 3712.23 | | |
| | | | | | | 9.138 | 3744.06 | 9.725 | 3726.59 | 10.313 | 3711.89 | | |
| | | | | | | 9.13 | 3743.79 | 9.718 | 3726.32 | 10.299 | 3711.56 | | |
| | | | | | | 9.121 | 3743.45 | 9.709 | 3726.02 | 10.289 | 3711.22 | | |
| | | | | | | 9.103 | 3742.99 | 9.701 | 3725.72 | 10.279 | 3710.85 | | |
| | | | | | | 9.095 | 3742.75 | 9.689 | 3725.38 | 10.253 | 3710.69 | | |
| | | | | | | 9.09 | 3742.52 | 9.675 | 3725.08 | 10.157 | 3710.59 | | |
| | | | | | | 9.085 | 3742.15 | 9.659 | 3724.78 | | | | |
| | | | | | | 9.082 | 3741.78 | 9.642 | 3724.51 | | | | |
| | | | | | | 9.081 | 3741.48 | 9.62 | 3723.98 | | | | |
| | | | | | | 9.08 | 3741.08 | 9.612 | 3723.68 | | | | |
| | | | | | | 9.08 | 3740.81 | 9.606 | 3723.34 | | | | |
| | | | | | | 9.078 | 3740.44 | 9.603 | 3723.04 | | | | |
| | | | | | | 9.075 | 3739.98 | 9.601 | 3722.77 | | | | |
| | | | | | | 9.074 | 3739.74 | 9.599 | 3722.47 | | | | |
| | | | | | | 9.072 | 3739.41 | 9.597 | 3722.04 | | | | |
| | | | | | | 9.07 | 3739.14 | 9.586 | 3721.67 | | | | |
| | | | | | | 9.069 | 3738.80 | 9.578 | 3721.34 | | | | |
| | | | | | | 9.067 | 3738.44 | 9.571 | 3721.03 | | | | |
| | | | | | | 9.065 | 3738.10 | 9.565 | 3720.77 | | | | |
| | | | | | | 9.06 | 3737.73 | 9.55 | 3720.40 | | | | |
| | | | | | | 9.055 | 3737.37 | 9.539 | 3720.13 | | | | |
| | | | | | | 9.053 | 3737.13 | 9.528 | 3719.83 | | | | |
| | | | | | | 9.05 | 3736.76 | 9.503 | 3719.36 | | | | |
| | | | | | | 9.047 | 3736.36 | 9.488 | 3719.03 | | | | |
| | | | | | | 9.045 | 3736.09 | 9.472 | 3718.76 | | | | |
| | | | | | | 9.043 | 3735.76 | 9.445 | 3718.46 | | | | |
| | | | | | | 9.041 | 3735.46 | 9.412 | 3718.06 | | | | |
| | | | | | | 9.037 | 3735.09 | 9.395 | 3717.76 | | | | |
| | | | | | | 9.031 | 3734.62 | 9.38 | 3717.45 | | | | |
| | | | | | | 9.028 | 3734.32 | 9.356 | 3717.05 | | | | |
| | | | | | | 9.025 | 3734.05 | 9.331 | 3716.75 | | | | |
| | | | | | | 9.022 | 3733.75 | 9.306 | 3716.42 | | | | |
| | | | | | | 9.018 | 3733.42 | 9.291 | 3716.15 | | | | |
| | | | | | | 9.017 | 3733.05 | 9.277 | 3715.75 | | | | |
| | | | | | | 9.017 | 3732.78 | 9.271 | 3715.45 | | | | |
| | | | | | | 9.015 | 3732.45 | 9.267 | 3715.15 | | | | |
| | | | | | | 9.014 | 3732.08 | 9.263 | 3714.71 | | | | |
| | | | | | | 9.013 | 3731.75 | 9.261 | 3714.44 | | | | |
| | | | | | | 9.012 | 3731.38 | 9.259 | 3713.98 | | | | |
| | | | | | | 9.012 | 3731.08 | 9.255 | 3713.91 | | | | |
| | | | | | | 9.012 | 3730.71 | | | | | | |
| | | | | | | 9.011 | 3730.34 | | | | | | |
| | | | | | | 9.011 | 3730.11 | | | | | | |
| | | | | | | 9.012 | 3729.74 | | | | | | |
| | | | | | | 9.011 | 3729.34 | | | | | | |
| | | | | | | 9.009 | 3729.04 | | | | | | |
| | | | | | | 9.007 | 3728.77 | | | | | | |
| | | | | | | 9.005 | 3728.33 | | | | | | |
| | | | | | | 9.002 | 3728.06 | | | | | | |
| | | | | | | 8.998 | 3727.73 | | | | | | |
| | | | | | | 8.996 | 3727.30 | | | | | | |
| | | | | | | 8.993 | 3727.06 | | | | | | |
| | | | | | | 8.984 | 3726.66 | | | | | | |
| | | | | | | 8.976 | 3726.39 | | | | | | |
| | | | | | | 8.966 | 3725.96 | | | | | | |
| | | | | | | 8.961 | 3725.72 | | | | | | |
| | | | | | | 8.955 | 3725.36 | | | | | | |
| | | | | | | 8.953 | 3725.09 | | | | | | |
| | | | | | | 8.949 | 3724.72 | | | | | | |
| | | | | | | 8.946 | 3724.32 | | | | | | |
| | | | | | | 8.944 | 3724.08 | | | | | | |

Salt Springs Reservoir mid Reservoir (SSR2) Monthly Temperature Profiles

Table C1-2

| April Temp (°C) | (4/23/09) Elevation (feet) | May Temp (°C) | Elevation (feet) | June Temp (°C) | (6/23/09) Elevation (feet) | July Temp (°C) | (7/20/09) Elevation (feet) | August Temp (°C) | (8/25/09) Elevation (feet) | September Temp (°C) | (9/29/09) Elevation (feet) | October Temp (°C) | (10/22/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8.943 | 3723.75 | | | | | | |
| | | | | | | 8.942 | 3723.35 | | | | | | |
| | | | | | | 8.941 | 3723.08 | | | | | | |
| | | | | | | 8.938 | 3722.68 | | | | | | |
| | | | | | | 8.929 | 3722.41 | | | | | | |
| | | | | | | 8.916 | 3722.01 | | | | | | |
| | | | | | | 8.918 | 3721.71 | | | | | | |
| | | | | | | 8.925 | 3721.34 | | | | | | |
| | | | | | | 8.908 | 3721.11 | | | | | | |
| | | | | | | 8.871 | 3720.74 | | | | | | |
| | | | | | | 8.84 | 3720.27 | | | | | | |
| | | | | | | 8.827 | 3719.97 | | | | | | |
| | | | | | | 8.818 | 3719.70 | | | | | | |
| | | | | | | 8.808 | 3719.27 | | | | | | |
| | | | | | | 8.802 | 3719.00 | | | | | | |
| | | | | | | 8.794 | 3718.73 | | | | | | |
| | | | | | | 8.786 | 3718.33 | | | | | | |
| | | | | | | 8.78 | 3717.99 | | | | | | |
| | | | | | | 8.776 | 3717.69 | | | | | | |
| | | | | | | 8.77 | 3717.19 | | | | | | |
| | | | | | | 8.767 | 3716.92 | | | | | | |
| | | | | | | 8.762 | 3716.66 | | | | | | |
| | | | | | | 8.757 | 3716.39 | | | | | | |
| | | | | | | 8.75 | 3716.02 | | | | | | |
| | | | | | | 8.746 | 3715.65 | | | | | | |
| | | | | | | 8.745 | 3715.39 | | | | | | |
| | | | | | | 8.743 | 3714.98 | | | | | | |
| | | | | | | 8.742 | 3714.72 | | | | | | |
| | | | | | | 8.742 | 3714.28 | | | | | | |
| | | | | | | 8.741 | 3714.01 | | | | | | |
| | | | | | | 8.741 | 3713.65 | | | | | | |
| | | | | | | 8.741 | 3713.31 | | | | | | |
| | | | | | | 8.741 | 3713.01 | | | | | | |
| | | | | | | 8.741 | 3712.68 | | | | | | |
| | | | | | | 8.742 | 3712.37 | | | | | | |
| | | | | | | 8.741 | 3712.01 | | | | | | |
| | | | | | | 8.741 | 3711.57 | | | | | | |
| | | | | | | 8.741 | 3711.34 | | | | | | |
| | | | | | | 8.742 | 3710.97 | | | | | | |
| | | | | | | 8.742 | 3710.60 | | | | | | |
| | | | | | | 8.724 | 3710.47 | | | | | | |

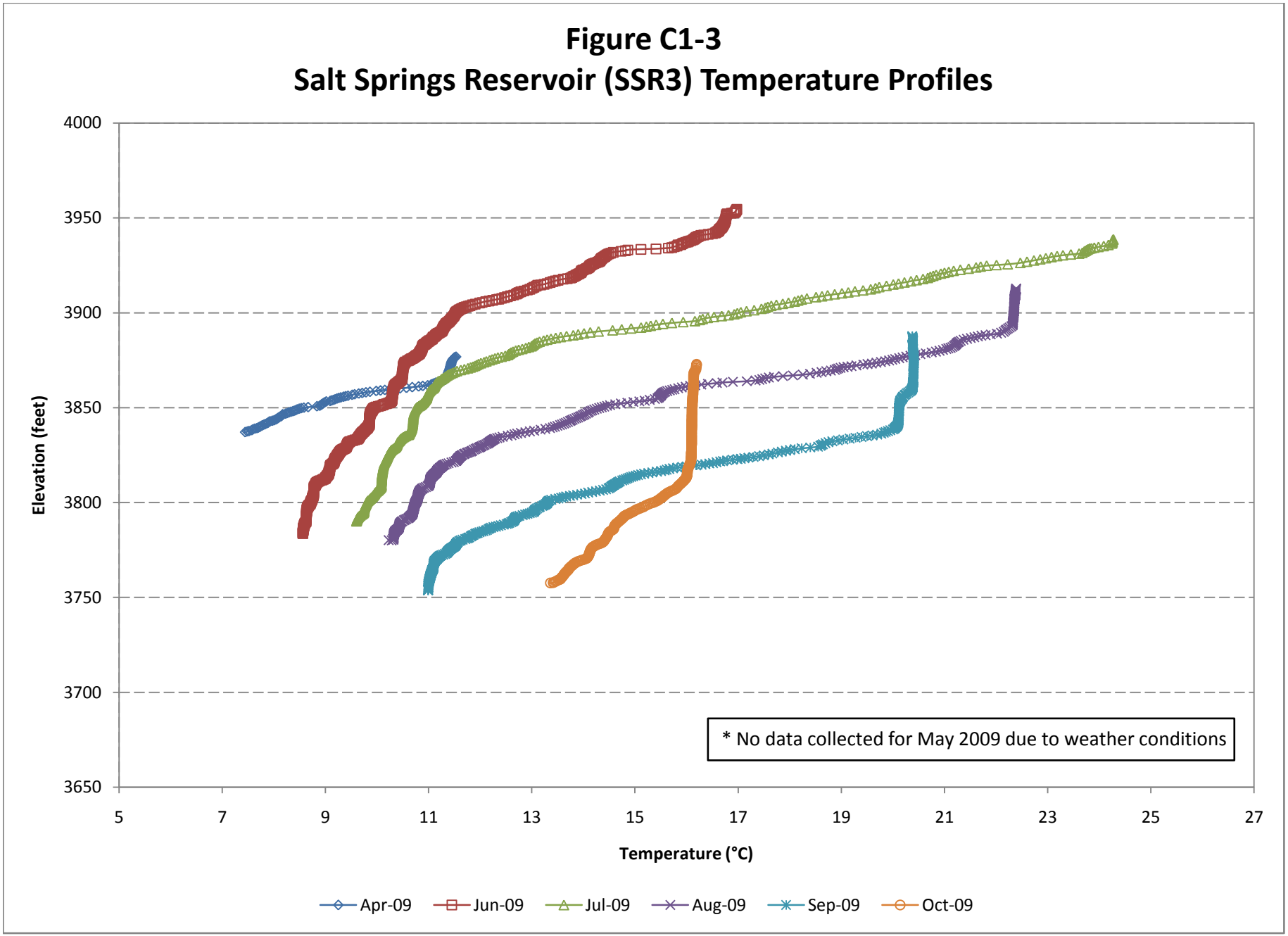


Figure C1-3
Salt Springs Reservoir (SSR3) Temperature Profiles
Elevation (feet)
4000
3950
3900
3850
3800
3750
3700
3650
5
7
9
11
13
15
17
19
21
23
25
27
Temperature (°C)
* No data collected for May 2009 due to weather conditions
Apr-09
Jun-09
Jul-09
Aug-09
Sep-09
Oct-09

Salt Springs Reservoir Inlet (SSR3) Monthly Temperature Profiles

Table C1-3

| April (4/23/09) | | May | | June (6/23/09) | | July (7/20/09) | | August (8/25/09) | | September (9/29/09) | | October (10/22/09) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 11.535 | 3876.87 | No profiles due to | | 16.977 | 3954.60 | 24.276 | 3938.60 | 22.392 | 3912.80 | 20.376 | 3887.77 | 16.197 | 3872.87 |
| 11.51 | 3876.60 | weather conditions | | 16.968 | 3954.20 | 24.268 | 3938.50 | 22.389 | 3912.60 | 20.378 | 3887.33 | 16.196 | 3872.43 |
| 11.497 | 3876.23 | | | 16.959 | 3953.80 | 24.259 | 3938.13 | 22.387 | 3912.20 | 20.382 | 3886.96 | 16.193 | 3871.73 |
| 11.485 | 3875.90 | | | 16.949 | 3953.39 | 24.259 | 3937.66 | 22.384 | 3911.90 | 20.383 | 3886.63 | 16.189 | 3870.86 |
| 11.476 | 3875.59 | | | 16.94 | 3952.99 | 24.259 | 3937.13 | 22.382 | 3911.53 | 20.385 | 3886.16 | 16.182 | 3869.96 |
| 11.466 | 3875.19 | | | 16.914 | 3952.69 | 24.248 | 3936.49 | 22.381 | 3911.19 | 20.39 | 3885.52 | 16.171 | 3869.39 |
| 11.46 | 3874.89 | | | 16.869 | 3952.52 | 24.177 | 3935.72 | 22.38 | 3910.96 | 20.39 | 3885.02 | 16.16 | 3869.02 |
| 11.455 | 3874.56 | | | 16.786 | 3952.22 | 24.087 | 3935.15 | 22.378 | 3910.56 | 20.388 | 3884.42 | 16.152 | 3868.95 |
| 11.45 | 3874.19 | | | 16.775 | 3951.86 | 23.985 | 3934.68 | 22.377 | 3909.99 | 20.386 | 3883.89 | 16.145 | 3868.32 |
| 11.446 | 3873.89 | | | 16.769 | 3951.32 | 23.904 | 3934.32 | 22.376 | 3909.65 | 20.385 | 3883.32 | 16.144 | 3867.81 |
| 11.441 | 3873.59 | | | 16.767 | 3950.89 | 23.849 | 3934.02 | 22.375 | 3909.35 | 20.386 | 3882.75 | 16.141 | 3867.28 |
| 11.44 | 3873.19 | | | 16.765 | 3950.32 | 23.812 | 3933.81 | 22.373 | 3909.15 | 20.389 | 3882.18 | 16.139 | 3866.71 |
| 11.437 | 3872.89 | | | 16.762 | 3949.75 | 23.782 | 3933.45 | 22.369 | 3908.89 | 20.388 | 3881.58 | 16.138 | 3866.14 |
| 11.436 | 3872.58 | | | 16.759 | 3949.25 | 23.762 | 3933.11 | 22.365 | 3908.48 | 20.388 | 3880.91 | 16.137 | 3865.64 |
| 11.43 | 3872.32 | | | 16.752 | 3948.81 | 23.737 | 3932.71 | 22.363 | 3908.02 | 20.389 | 3880.24 | 16.137 | 3865.14 |
| 11.425 | 3871.81 | | | 16.748 | 3948.48 | 23.711 | 3932.31 | 22.362 | 3907.68 | 20.391 | 3879.60 | 16.138 | 3864.54 |
| 11.422 | 3871.48 | | | 16.742 | 3948.07 | 23.672 | 3931.61 | 22.361 | 3907.35 | 20.399 | 3878.73 | 16.138 | 3863.87 |
| 11.419 | 3871.04 | | | 16.735 | 3947.67 | 23.61 | 3931.17 | 22.36 | 3907.04 | 20.402 | 3878.20 | 16.139 | 3863.26 |
| 11.416 | 3870.74 | | | 16.727 | 3947.17 | 23.45 | 3930.74 | 22.359 | 3906.81 | 20.406 | 3877.66 | 16.138 | 3862.70 |
| 11.413 | 3870.48 | | | 16.718 | 3946.74 | 23.297 | 3930.30 | 22.358 | 3906.51 | 20.408 | 3877.09 | 16.137 | 3862.29 |
| 11.41 | 3870.21 | | | 16.709 | 3946.30 | 23.183 | 3929.87 | 22.359 | 3906.14 | 20.409 | 3876.56 | 16.136 | 3861.83 |
| 11.403 | 3869.77 | | | 16.699 | 3945.77 | 23.074 | 3929.33 | 22.357 | 3905.71 | 20.408 | 3875.96 | 16.136 | 3861.39 |
| 11.396 | 3869.44 | | | 16.688 | 3945.30 | 22.965 | 3928.76 | 22.356 | 3905.24 | 20.408 | 3875.42 | 16.135 | 3860.92 |
| 11.392 | 3869.10 | | | 16.674 | 3944.86 | 22.855 | 3928.16 | 22.355 | 3904.84 | 20.408 | 3874.85 | 16.132 | 3860.32 |
| 11.39 | 3868.84 | | | 16.66 | 3944.56 | 22.734 | 3927.56 | 22.355 | 3904.27 | 20.408 | 3874.32 | 16.131 | 3859.79 |
| 11.385 | 3868.47 | | | 16.643 | 3944.13 | 22.6 | 3926.92 | 22.354 | 3903.90 | 20.408 | 3873.75 | 16.13 | 3859.28 |
| 11.38 | 3868.17 | | | 16.633 | 3943.76 | 22.47 | 3926.29 | 22.353 | 3903.43 | 20.407 | 3873.18 | 16.129 | 3858.81 |
| 11.374 | 3867.87 | | | 16.627 | 3943.46 | 22.225 | 3925.55 | 22.353 | 3903.03 | 20.405 | 3872.54 | 16.128 | 3858.45 |
| 11.369 | 3867.53 | | | 16.616 | 3943.09 | 22.009 | 3925.15 | 22.351 | 3902.56 | 20.404 | 3872.01 | 16.127 | 3858.01 |
| 11.367 | 3867.16 | | | 16.602 | 3942.79 | 21.817 | 3924.81 | 22.351 | 3902.13 | 20.403 | 3871.47 | 16.126 | 3857.54 |
| 11.365 | 3866.83 | | | 16.58 | 3942.49 | 21.701 | 3924.35 | 22.35 | 3901.73 | 20.403 | 3870.90 | 16.126 | 3856.94 |
| 11.361 | 3866.43 | | | 16.556 | 3942.12 | 21.612 | 3923.88 | 22.35 | 3901.32 | 20.401 | 3870.40 | 16.124 | 3856.44 |
| 11.358 | 3866.16 | | | 16.504 | 3941.72 | 21.469 | 3923.24 | 22.348 | 3900.89 | 20.399 | 3869.73 | 16.123 | 3855.84 |
| 11.352 | 3865.79 | | | 16.421 | 3941.38 | 21.307 | 3922.67 | 22.347 | 3900.62 | 20.399 | 3869.30 | 16.121 | 3855.37 |
| 11.347 | 3865.52 | | | 16.335 | 3941.08 | 21.178 | 3922.11 | 22.346 | 3900.22 | 20.397 | 3868.73 | 16.12 | 3854.80 |
| 11.341 | 3865.19 | | | 16.278 | 3940.78 | 21.083 | 3921.54 | 22.346 | 3899.85 | 20.396 | 3868.26 | 16.119 | 3854.33 |
| 11.33 | 3864.82 | | | 16.24 | 3940.38 | 21 | 3921.07 | 22.344 | 3899.42 | 20.396 | 3867.73 | 16.118 | 3853.80 |
| 11.302 | 3864.42 | | | 16.222 | 3940.18 | 20.929 | 3920.63 | 22.342 | 3899.02 | 20.396 | 3867.22 | 16.117 | 3853.16 |
| 11.255 | 3864.02 | | | 16.194 | 3939.84 | 20.839 | 3919.96 | 22.34 | 3898.55 | 20.397 | 3866.49 | 16.115 | 3852.56 |
| 11.222 | 3863.79 | | | 16.174 | 3939.48 | 20.782 | 3919.46 | 22.338 | 3898.11 | 20.398 | 3865.92 | 16.114 | 3851.96 |
| 11.179 | 3863.45 | | | 16.161 | 3939.08 | 20.725 | 3918.93 | 22.336 | 3897.71 | 20.399 | 3865.38 | 16.114 | 3851.32 |
| 11.137 | 3863.15 | | | 16.143 | 3938.77 | 20.677 | 3918.36 | 22.335 | 3897.28 | 20.399 | 3864.85 | 16.113 | 3850.69 |
| 11.106 | 3862.78 | | | 16.118 | 3938.37 | 20.584 | 3917.79 | 22.333 | 3896.81 | 20.4 | 3864.35 | 16.111 | 3850.05 |
| 11.076 | 3862.41 | | | 16.081 | 3938.00 | 20.459 | 3917.19 | 22.332 | 3896.21 | 20.4 | 3863.78 | 16.11 | 3849.45 |
| 11.051 | 3862.18 | | | 16.043 | 3937.70 | 20.35 | 3916.62 | 22.331 | 3895.74 | 20.396 | 3863.31 | 16.109 | 3848.81 |
| 10.985 | 3861.78 | | | 16.019 | 3937.37 | 20.224 | 3915.98 | 22.329 | 3895.17 | 20.393 | 3862.88 | 16.108 | 3848.01 |
| 10.889 | 3861.44 | | | 15.983 | 3937.10 | 20.11 | 3915.41 | 22.327 | 3894.63 | 20.389 | 3862.34 | 16.108 | 3847.41 |
| 10.809 | 3861.21 | | | 15.939 | 3936.77 | 20.008 | 3914.88 | 22.326 | 3894.00 | 20.389 | 3862.01 | 16.108 | 3846.80 |
| 10.685 | 3860.81 | | | 15.918 | 3936.43 | 19.876 | 3914.21 | 22.32 | 3893.36 | 20.387 | 3861.60 | 16.107 | 3846.10 |
| 10.573 | 3860.44 | | | 15.889 | 3935.93 | 19.736 | 3913.54 | 22.298 | 3892.83 | 20.385 | 3861.14 | 16.106 | 3845.53 |
| 10.447 | 3860.17 | | | 15.837 | 3935.83 | 19.663 | 3912.97 | 22.265 | 3892.26 | 20.385 | 3860.73 | 16.107 | 3844.96 |
| 10.248 | 3859.67 | | | 15.814 | 3935.23 | 19.57 | 3912.37 | 22.232 | 3891.76 | 20.379 | 3860.37 | 16.107 | 3844.40 |
| 10.153 | 3859.34 | | | 15.762 | 3934.83 | 19.423 | 3911.80 | 22.203 | 3891.22 | 20.374 | 3859.93 | 16.106 | 3843.83 |
| 10.069 | 3859.07 | | | 15.715 | 3934.43 | 19.264 | 3911.30 | 22.179 | 3890.69 | 20.366 | 3859.50 | 16.106 | 3843.29 |
| 9.986 | 3858.80 | | | 15.648 | 3934.09 | 19.136 | 3910.73 | 22.15 | 3889.98 | 20.35 | 3858.99 | 16.106 | 3842.76 |
| 9.864 | 3858.37 | | | 15.409 | 3933.72 | 19.013 | 3910.26 | 22.1 | 3889.48 | 20.328 | 3858.53 | 16.106 | 3842.22 |
| 9.787 | 3858.06 | | | 15.116 | 3933.49 | 18.872 | 3909.76 | 22.019 | 3888.98 | 20.3 | 3858.06 | 16.105 | 3841.52 |
| 9.715 | 3857.73 | | | 14.865 | 3933.15 | 18.735 | 3909.22 | 21.9 | 3888.61 | 20.271 | 3857.56 | 16.105 | 3840.98 |
| 9.646 | 3857.43 | | | 14.817 | 3932.72 | 18.626 | 3908.69 | 21.796 | 3888.24 | 20.247 | 3857.05 | 16.105 | 3840.45 |
| 9.567 | 3857.03 | | | 14.733 | 3932.45 | 18.511 | 3908.22 | 21.717 | 3887.94 | 20.227 | 3856.59 | 16.105 | 3839.91 |
| 9.52 | 3856.76 | | | 14.581 | 3931.88 | 18.333 | 3907.52 | 21.649 | 3887.54 | 20.202 | 3855.95 | 16.103 | 3839.38 |
| 9.439 | 3856.26 | | | 14.53 | 3931.45 | 18.233 | 3906.98 | 21.581 | 3887.14 | 20.188 | 3855.45 | 16.105 | 3838.84 |
| 9.391 | 3855.99 | | | 14.49 | 3931.05 | 18.163 | 3906.45 | 21.511 | 3886.74 | 20.18 | 3854.95 | 16.103 | 3838.31 |
| 9.351 | 3855.76 | | | 14.459 | 3930.61 | 18.096 | 3905.91 | 21.438 | 3886.30 | 20.168 | 3854.51 | 16.102 | 3837.77 |
| 9.299 | 3855.39 | | | 14.437 | 3930.18 | 17.976 | 3905.28 | 21.372 | 3885.80 | 20.152 | 3853.91 | 16.102 | 3837.14 |
| 9.258 | 3855.09 | | | 14.417 | 3929.77 | 17.866 | 3904.74 | 21.318 | 3885.23 | 20.142 | 3853.41 | 16.101 | 3836.67 |
| 9.224 | 3854.79 | | | 14.397 | 3929.41 | 17.742 | 3904.21 | 21.285 | 3884.80 | 20.135 | 3852.91 | 16.1 | 3836.13 |
| 9.188 | 3854.38 | | | 14.378 | 3929.14 | 17.643 | 3903.67 | 21.259 | 3884.40 | 20.131 | 3852.44 | 16.1 | 3835.50 |
| 9.155 | 3854.05 | | | 14.363 | 3928.84 | 17.576 | 3903.10 | 21.241 | 3883.93 | 20.129 | 3852.04 | 16.1 | 3834.96 |
| 9.121 | 3853.78 | | | 14.352 | 3928.60 | 17.528 | 3902.60 | 21.227 | 3883.43 | 20.126 | 3851.53 | 16.1 | 3834.49 |
| 9.093 | 3853.51 | | | 14.344 | 3928.37 | 17.452 | 3902.10 | 21.209 | 3882.96 | 20.124 | 3851.10 | 16.1 | 3833.96 |
| 9.017 | 3853.25 | | | 14.334 | 3928.04 | 17.311 | 3901.36 | 21.185 | 3882.49 | 20.122 | 3850.53 | 16.1 | 3833.46 |
| 8.983 | 3852.74 | | | 14.329 | 3927.67 | 17.163 | 3900.83 | 21.157 | 3881.99 | 20.121 | 3850.10 | 16.1 | 3832.92 |
| 8.961 | 3852.31 | | | 14.323 | 3927.40 | 17.052 | 3900.29 | 21.12 | 3881.59 | 20.12 | 3849.76 | 16.1 | 3832.45 |
| 8.943 | 3852.01 | | | 14.306 | 3927.06 | 16.985 | 3899.76 | 21.077 | 3881.32 | 20.12 | 3849.36 | 16.1 | 3831.95 |
| 8.929 | 3851.71 | | | 14.277 | 3926.70 | 16.926 | 3899.22 | 21.037 | 3880.95 | 20.119 | 3848.89 | 16.1 | 3831.45 |
| 8.915 | 3851.41 | | | 14.235 | 3926.33 | 16.814 | 3898.72 | 20.971 | 3880.45 | 20.119 | 3848.49 | 16.099 | 3830.98 |
| 8.89 | 3851.01 | | | 14.2 | 3925.96 | 16.682 | 3898.25 | 20.906 | 3880.01 | 20.119 | 3848.05 | 16.099 | 3830.48 |
| 8.837 | 3850.74 | | | 14.175 | 3925.63 | 16.532 | 3897.78 | 20.838 | 3879.58 | 20.118 | 3847.62 | 16.098 | 3829.91 |
| 8.665 | 3850.27 | | | 14.158 | 3925.39 | 16.412 | 3897.31 | 20.755 | 3879.14 | 20.118 | 3847.15 | 16.098 | 3829.51 |
| 8.582 | 3849.97 | | | 14.143 | 3925.12 | 16.314 | 3896.71 | 20.638 | 3878.64 | 20.118 | 3846.65 | 16.098 | 3829.01 |
| 8.532 | 3849.70 | | | 14.125 | 3924.76 | 16.258 | 3896.21 | 20.538 | 3878.21 | 20.117 | 3846.18 | 16.098 | 3828.64 |
| 8.493 | 3849.43 | | | 14.116 | 3924.36 | 16.163 | 3895.58 | 20.436 | 3877.77 | 20.115 | 3845.61 | 16.098 | 3828.40 |
| 8.454 | 3849.06 | | | 14.108 | 3924.02 | 15.936 | 3895.11 | 20.343 | 3877.37 | 20.114 | 3845.14 | 16.098 | 3828.07 |
| 8.424 | 3848.63 | | | 14.091 | 3923.69 | 15.717 | 3894.64 | 20.26 | 3876.94 | 20.114 | 3844.74 | 16.098 | 3827.57 |
| 8.397 | 3848.36 | | | 14.065 | 3923.35 | 15.542 | 3894.14 | 20.191 | 3876.50 | 20.113 | 3844.31 | 16.098 | 3827.27 |
| 8.369 | 3848.09 | | | 14.043 | 3923.08 | 15.41 | 3893.63 | 20.124 | 3876.13 | 20.112 | 3843.87 | 16.098 | 3826.97 |
| 8.331 | 3847.79 | | | 14 | 3922.68 | 15.306 | 3893.13 | 20.046 | 3875.66 | 20.111 | 3843.47 | 16.097 | 3826.56 |
| 8.294 | 3847.49 | | | 13.974 | 3922.35 | 15.221 | 3892.63 | 19.992 | 3875.26 | 20.11 | 3843.04 | 16.096 | 3826.23 |
| 8.261 | 3847.12 | | | 13.964 | 3922.01 | 15.119 | 3892.20 | 19.93 | 3874.89 | 20.108 | 3842.60 | 16.097 | 3825.90 |
| 8.226 | 3846.79 | | | 13.961 | 3921.68 | 14.926 | 3891.73 | 19.853 | 3874.49 | 20.106 | 3842.17 | 16.096 | 3825.49 |
| 8.172 | 3846.49 | | | 13.956 | 3921.34 | 14.744 | 3891.26 | 19.769 | 3874.09 | 20.104 | 3841.76 | 16.095 | 3825.13 |
| 8.163 | 3846.02 | | | 13.945 | 3921.04 | 14.567 | 3890.76 | 19.682 | 3873.69 | 20.1 | 3841.30 | 16.095 | 3824.72 |

Salt Springs Reservoir Inlet (SSR3) Monthly Temperature Profiles

Table C1-3

| April (4/23/09) | | May | | June (6/23/09) | | July (7/20/09) | | August (8/25/09) | | September (9/29/09) | | October (10/22/09) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 8.147 | 3845.59 | | | 13.917 | 3920.61 | 14.295 | 3890.16 | 19.594 | 3873.29 | 20.09 | 3840.76 | 16.094 | 3824.32 |
| 8.128 | 3845.28 | | | 13.893 | 3920.34 | 14.134 | 3889.65 | 19.509 | 3873.02 | 20.078 | 3840.33 | 16.092 | 3823.95 |
| 8.107 | 3845.02 | | | 13.869 | 3920.01 | 14.013 | 3889.15 | 19.428 | 3872.72 | 20.063 | 3839.92 | 16.092 | 3823.59 |
| 8.087 | 3844.65 | | | 13.848 | 3919.64 | 13.9 | 3888.58 | 19.297 | 3872.32 | 20.046 | 3839.39 | 16.09 | 3823.19 |
| 8.07 | 3844.31 | | | 13.825 | 3919.30 | 13.805 | 3888.15 | 19.2 | 3871.88 | 20.029 | 3838.95 | 16.089 | 3822.82 |
| 8.055 | 3844.01 | | | 13.804 | 3919.07 | 13.675 | 3887.68 | 19.12 | 3871.62 | 20.001 | 3838.52 | 16.088 | 3822.35 |
| 8.038 | 3843.75 | | | 13.776 | 3918.63 | 13.561 | 3887.21 | 19.046 | 3871.31 | 19.951 | 3838.08 | 16.086 | 3821.95 |
| 8.006 | 3843.31 | | | 13.75 | 3918.33 | 13.465 | 3886.74 | 18.988 | 3870.98 | 19.905 | 3837.65 | 16.083 | 3821.55 |
| 7.97 | 3843.08 | | | 13.692 | 3918.03 | 13.373 | 3886.27 | 18.943 | 3870.68 | 19.863 | 3837.22 | 16.079 | 3821.18 |
| 7.927 | 3842.78 | | | 13.612 | 3917.76 | 13.299 | 3885.84 | 18.91 | 3870.34 | 19.826 | 3836.78 | 16.076 | 3820.78 |
| 7.9 | 3842.34 | | | 13.512 | 3917.23 | 13.23 | 3885.37 | 18.875 | 3869.94 | 19.778 | 3836.35 | 16.072 | 3820.41 |
| 7.887 | 3842.04 | | | 13.459 | 3916.86 | 13.151 | 3884.77 | 18.8 | 3869.58 | 19.698 | 3835.81 | 16.068 | 3820.11 |
| 7.868 | 3841.74 | | | 13.411 | 3916.46 | 13.105 | 3884.30 | 18.711 | 3869.21 | 19.606 | 3835.37 | 16.062 | 3819.87 |
| 7.834 | 3841.30 | | | 13.359 | 3916.02 | 13.066 | 3883.80 | 18.62 | 3868.77 | 19.501 | 3835.01 | 16.057 | 3819.67 |
| 7.81 | 3841.04 | | | 13.298 | 3915.49 | 13.038 | 3883.30 | 18.523 | 3868.40 | 19.393 | 3834.57 | 16.05 | 3819.20 |
| 7.78 | 3840.67 | | | 13.241 | 3915.02 | 13.019 | 3882.83 | 18.394 | 3867.84 | 19.278 | 3834.14 | 16.043 | 3818.74 |
| 7.758 | 3840.37 | | | 13.173 | 3914.72 | 12.996 | 3882.36 | 18.255 | 3867.43 | 19.162 | 3833.70 | 16.038 | 3818.50 |
| 7.732 | 3839.93 | | | 13.117 | 3914.62 | 12.943 | 3881.93 | 18.064 | 3867.03 | 19.041 | 3833.23 | 16.033 | 3818.17 |
| 7.715 | 3839.66 | | | 13.089 | 3914.12 | 12.885 | 3881.46 | 17.87 | 3866.66 | 18.935 | 3832.80 | 16.029 | 3817.83 |
| 7.694 | 3839.40 | | | 13.042 | 3913.52 | 12.816 | 3880.92 | 17.697 | 3866.23 | 18.828 | 3832.26 | 16.024 | 3817.40 |
| 7.665 | 3839.10 | | | 13.011 | 3913.05 | 12.747 | 3880.49 | 17.598 | 3865.86 | 18.751 | 3831.80 | 16.021 | 3817.03 |
| 7.623 | 3838.83 | | | 12.965 | 3912.48 | 12.689 | 3880.09 | 17.528 | 3865.46 | 18.695 | 3831.33 | 16.02 | 3816.63 |
| 7.587 | 3838.39 | | | 12.917 | 3912.01 | 12.637 | 3879.52 | 17.468 | 3865.09 | 18.646 | 3830.76 | 16.018 | 3816.29 |
| 7.566 | 3838.02 | | | 12.849 | 3911.54 | 12.604 | 3879.08 | 17.415 | 3864.66 | 18.619 | 3830.32 | 16.016 | 3815.93 |
| 7.518 | 3837.62 | | | 12.79 | 3911.14 | 12.579 | 3878.61 | 17.338 | 3864.36 | 18.596 | 3829.89 | 16.016 | 3815.56 |
| 7.485 | 3837.39 | | | 12.751 | 3910.74 | 12.558 | 3878.21 | 17.168 | 3863.92 | 18.551 | 3829.42 | 16.015 | 3815.19 |
| 7.444 | 3837.09 | | | 12.726 | 3910.30 | 12.537 | 3877.74 | 16.901 | 3863.62 | 18.399 | 3829.02 | 16.014 | 3814.69 |
| 7.405 | 3836.65 | | | 12.702 | 3909.90 | 12.486 | 3877.31 | 16.697 | 3863.29 | 18.235 | 3828.58 | 16.012 | 3814.35 |
| 7.381 | 3836.29 | | | 12.65 | 3909.40 | 12.415 | 3876.84 | 16.587 | 3862.98 | 18.101 | 3828.12 | 16.008 | 3813.95 |
| 7.355 | 3835.98 | | | 12.589 | 3908.97 | 12.344 | 3876.41 | 16.416 | 3862.55 | 18.008 | 3827.68 | 16.004 | 3813.58 |
| 7.322 | 3835.65 | | | 12.529 | 3908.50 | 12.287 | 3875.94 | 16.29 | 3862.18 | 17.929 | 3827.28 | 16 | 3813.28 |
| 7.296 | 3835.35 | | | 12.471 | 3908.06 | 12.234 | 3875.47 | 16.171 | 3861.81 | 17.848 | 3826.84 | 15.996 | 3812.91 |
| 7.27 | 3834.91 | | | 12.417 | 3907.63 | 12.184 | 3875.00 | 16.071 | 3861.48 | 17.771 | 3826.41 | 15.989 | 3812.61 |
| 7.257 | 3834.58 | | | 12.363 | 3907.26 | 12.12 | 3874.40 | 15.983 | 3861.08 | 17.665 | 3825.84 | 15.975 | 3812.41 |
| 7.248 | 3834.28 | | | 12.317 | 3907.03 | 12.075 | 3873.96 | 15.91 | 3860.68 | 17.594 | 3825.37 | 15.961 | 3811.88 |
| 7.239 | 3833.94 | | | 12.244 | 3906.62 | 12.015 | 3873.43 | 15.839 | 3860.24 | 17.499 | 3824.87 | 15.951 | 3811.51 |
| 7.233 | 3833.68 | | | 12.174 | 3906.26 | 11.968 | 3872.96 | 15.77 | 3859.71 | 17.407 | 3824.44 | 15.939 | 3811.21 |
| 7.227 | 3833.34 | | | 12.107 | 3905.99 | 11.932 | 3872.49 | 15.723 | 3859.44 | 17.301 | 3824.03 | 15.928 | 3810.91 |
| 7.222 | 3832.97 | | | 12.041 | 3905.49 | 11.901 | 3872.06 | 15.675 | 3859.07 | 17.202 | 3823.70 | 15.916 | 3810.61 |
| 7.216 | 3832.60 | | | 11.991 | 3905.19 | 11.862 | 3871.62 | 15.628 | 3858.77 | 17.121 | 3823.36 | 15.904 | 3810.24 |
| 7.209 | 3832.34 | | | 11.906 | 3904.62 | 11.814 | 3871.19 | 15.591 | 3858.47 | 17.054 | 3823.06 | 15.889 | 3809.84 |
| 7.197 | 3831.94 | | | 11.849 | 3904.22 | 11.763 | 3870.75 | 15.564 | 3858.13 | 16.989 | 3822.90 | 15.871 | 3809.44 |
| 7.177 | 3831.63 | | | 11.805 | 3903.81 | 11.694 | 3870.28 | 15.543 | 3857.73 | 16.893 | 3822.60 | 15.854 | 3809.03 |
| 7.138 | 3831.33 | | | 11.768 | 3903.51 | 11.624 | 3869.85 | 15.529 | 3857.40 | 16.79 | 3822.26 | 15.838 | 3808.60 |
| 7.076 | 3830.90 | | | 11.728 | 3903.21 | 11.551 | 3869.28 | 15.517 | 3857.00 | 16.707 | 3821.86 | 15.823 | 3808.06 |
| 7.042 | 3830.60 | | | 11.695 | 3902.91 | 11.504 | 3868.81 | 15.507 | 3856.63 | 16.654 | 3821.66 | 15.814 | 3807.66 |
| 7.015 | 3830.30 | | | 11.667 | 3902.54 | 11.465 | 3868.34 | 15.498 | 3856.23 | 16.582 | 3821.26 | 15.795 | 3807.23 |
| 6.986 | 3829.90 | | | 11.644 | 3902.27 | 11.428 | 3867.94 | 15.475 | 3855.79 | 16.515 | 3820.79 | 15.771 | 3806.86 |
| 6.97 | 3829.59 | | | 11.627 | 3902.04 | 11.396 | 3867.51 | 15.461 | 3855.36 | 16.443 | 3820.59 | 15.743 | 3806.46 |
| 6.958 | 3829.33 | | | 11.598 | 3901.71 | 11.368 | 3867.07 | 15.438 | 3854.96 | 16.367 | 3820.25 | 15.708 | 3806.02 |
| 6.943 | 3828.86 | | | 11.583 | 3901.34 | 11.342 | 3866.64 | 15.388 | 3854.55 | 16.294 | 3819.92 | 15.674 | 3805.62 |
| 6.936 | 3828.49 | | | 11.565 | 3901.00 | 11.316 | 3866.07 | 15.286 | 3854.12 | 16.187 | 3819.55 | 15.64 | 3805.12 |
| 6.93 | 3828.16 | | | 11.542 | 3900.53 | 11.293 | 3865.67 | 15.192 | 3853.68 | 16.009 | 3819.05 | 15.618 | 3804.72 |
| 6.926 | 3827.82 | | | 11.531 | 3900.20 | 11.267 | 3865.23 | 15.087 | 3853.38 | 15.918 | 3818.75 | 15.601 | 3804.32 |
| 6.924 | 3827.52 | | | 11.522 | 3899.97 | 11.244 | 3864.80 | 14.971 | 3853.01 | 15.822 | 3818.45 | 15.586 | 3804.02 |
| 6.923 | 3827.19 | | | 11.516 | 3899.67 | 11.207 | 3864.16 | 14.853 | 3852.65 | 15.738 | 3818.08 | 15.568 | 3803.61 |
| 6.921 | 3826.88 | | | 11.509 | 3899.16 | 11.182 | 3863.73 | 14.727 | 3852.21 | 15.669 | 3817.71 | 15.555 | 3803.28 |
| 6.92 | 3826.55 | | | 11.5 | 3898.73 | 11.163 | 3863.29 | 14.619 | 3851.84 | 15.617 | 3817.34 | 15.541 | 3802.94 |
| 6.919 | 3826.15 | | | 11.488 | 3898.26 | 11.148 | 3862.82 | 14.52 | 3851.34 | 15.575 | 3816.94 | 15.524 | 3802.61 |
| 6.918 | 3825.85 | | | 11.472 | 3897.79 | 11.136 | 3862.39 | 14.46 | 3851.01 | 15.508 | 3816.61 | 15.508 | 3802.31 |
| 6.916 | 3825.58 | | | 11.454 | 3897.19 | 11.128 | 3861.99 | 14.407 | 3850.61 | 15.426 | 3816.27 | 15.489 | 3801.94 |
| 6.915 | 3825.35 | | | 11.442 | 3896.82 | 11.121 | 3861.62 | 14.357 | 3850.20 | 15.338 | 3815.90 | 15.469 | 3801.54 |
| 6.907 | 3824.98 | | | 11.43 | 3896.45 | 11.116 | 3861.22 | 14.309 | 3849.84 | 15.26 | 3815.54 | 15.448 | 3801.17 |
| 6.898 | 3824.68 | | | 11.417 | 3896.02 | 11.108 | 3860.82 | 14.261 | 3849.44 | 15.178 | 3815.17 | 15.426 | 3800.80 |
| 6.89 | 3824.27 | | | 11.401 | 3895.58 | 11.097 | 3860.41 | 14.214 | 3849.03 | 15.119 | 3814.83 | 15.394 | 3800.40 |
| 6.885 | 3824.01 | | | 11.384 | 3895.12 | 11.08 | 3860.08 | 14.175 | 3848.63 | 15.063 | 3814.50 | 15.357 | 3800.00 |
| 6.88 | 3823.47 | | | 11.364 | 3894.75 | 11.056 | 3859.68 | 14.143 | 3848.26 | 15.015 | 3814.20 | 15.302 | 3799.50 |
| 6.875 | 3823.10 | | | 11.344 | 3894.38 | 11.039 | 3859.31 | 14.111 | 3847.80 | 14.969 | 3813.83 | 15.258 | 3799.00 |
| 6.871 | 3822.77 | | | 11.333 | 3893.98 | 11.027 | 3858.94 | 14.087 | 3847.39 | 14.93 | 3813.46 | 15.228 | 3798.60 |
| 6.868 | 3822.47 | | | 11.325 | 3893.54 | 11.017 | 3858.57 | 14.053 | 3846.86 | 14.893 | 3813.13 | 15.194 | 3798.16 |
| 6.864 | 3822.17 | | | 11.315 | 3893.21 | 11.006 | 3858.21 | 14.022 | 3846.46 | 14.858 | 3812.76 | 15.172 | 3797.73 |
| 6.861 | 3821.87 | | | 11.304 | 3892.91 | 10.997 | 3857.84 | 13.991 | 3846.06 | 14.825 | 3812.39 | 15.135 | 3797.29 |
| 6.857 | 3821.56 | | | 11.296 | 3892.61 | 10.99 | 3857.47 | 13.961 | 3845.65 | 14.791 | 3812.02 | 15.095 | 3796.92 |
| 6.851 | 3821.26 | | | 11.289 | 3892.20 | 10.984 | 3857.03 | 13.933 | 3845.29 | 14.754 | 3811.66 | 15.058 | 3796.55 |
| 6.847 | 3821.00 | | | 11.284 | 3891.87 | 10.979 | 3856.63 | 13.901 | 3844.89 | 14.708 | 3811.19 | 15.029 | 3796.19 |
| 6.84 | 3820.53 | | | 11.28 | 3891.60 | 10.975 | 3856.27 | 13.866 | 3844.52 | 14.68 | 3810.82 | 15.006 | 3795.79 |
| 6.837 | 3820.26 | | | 11.275 | 3891.33 | 10.971 | 3855.86 | 13.83 | 3844.12 | 14.662 | 3810.45 | 14.985 | 3795.48 |
| 6.834 | 3819.86 | | | 11.266 | 3890.87 | 10.968 | 3855.40 | 13.794 | 3843.71 | 14.643 | 3810.12 | 14.96 | 3795.05 |
| 6.831 | 3819.59 | | | 11.26 | 3890.50 | 10.963 | 3855.06 | 13.765 | 3843.35 | 14.62 | 3809.78 | 14.936 | 3794.75 |
| 6.828 | 3819.32 | | | 11.252 | 3890.23 | 10.954 | 3854.76 | 13.742 | 3842.94 | 14.597 | 3809.41 | 14.91 | 3794.38 |
| 6.825 | 3818.89 | | | 11.228 | 3889.83 | 10.944 | 3854.39 | 13.702 | 3842.48 | 14.577 | 3809.08 | 14.884 | 3794.05 |
| 6.824 | 3818.59 | | | 11.205 | 3889.49 | 10.935 | 3854.02 | 13.664 | 3842.11 | 14.557 | 3808.68 | 14.861 | 3793.74 |
| 6.82 | 3818.29 | | | 11.184 | 3889.19 | 10.925 | 3853.66 | 13.629 | 3841.71 | 14.539 | 3808.28 | 14.835 | 3793.48 |
| 6.817 | 3817.95 | | | 11.163 | 3888.79 | 10.914 | 3853.22 | 13.589 | 3841.21 | 14.514 | 3807.84 | 14.813 | 3793.11 |
| 6.813 | 3817.52 | | | 11.15 | 3888.46 | 10.905 | 3852.89 | 13.547 | 3840.84 | 14.491 | 3807.47 | 14.801 | 3792.87 |
| 6.811 | 3817.25 | | | 11.137 | 3888.16 | 10.891 | 3852.55 | 13.497 | 3840.44 | 14.443 | 3807.04 | 14.782 | 3792.47 |
| 6.809 | 3816.98 | | | 11.129 | 3887.89 | 10.879 | 3852.22 | 13.45 | 3840.00 | 14.383 | 3806.67 | 14.777 | 3792.14 |
| 6.806 | 3816.61 | | | 11.12 | 3887.62 | 10.867 | 3851.85 | 13.407 | 3839.60 | 14.32 | 3806.30 | 14.771 | 3791.90 |
| 6.8 | 3816.25 | | | 11.096 | 3887.25 | 10.849 | 3851.45 | 13.353 | 3839.23 | 14.246 | 3805.93 | 14.755 | 3791.57 |
| 6.795 | 3815.88 | | | 11.085 | 3887.02 | 10.833 | 3851.15 | 13.263 | 3838.83 | 14.172 | 3805.60 | 14.737 | 3791.10 |
| 6.791 | 3815.68 | | | 11.076 | 3886.52 | 10.813 | 3850.85 | 13.172 | 3838.43 | 14.097 | 3805.20 | 14.724 | 3790.77 |
| 6.783 | 3815.31 | | | 11.069 | 3886.18 | 10.786 | 3850.38 | 13.048 | 3837.89 | 14.033 | 3804.83 | 14.71 | 3790.43 |
| 6.777 | 3815.01 | | | 11.046 | 3885.78 | 10.773 | 3850.01 | 12.965 | 3837.53 | 13.964 | 3804.46 | 14.695 | 3790.06 |

Salt Springs Reservoir Inlet (SSR3) Monthly Temperature Profiles

Table C1-3

| April | (4/23/09) | May | | June | (6/23/09) | July | (7/20/09) | August | (8/25/09) | September | (9/29/09) | October | (10/22/09) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp | Elevation | Temp | Elevation | Temp | Elevation | Temp | Elevation | Temp | Elevation | Temp | Elevation | Temp | Elevation |
| (°C) | (feet) | (°C) | (feet) | (°C) | (feet) | (°C) | (feet) | (°C) | (feet) | (°C) | (feet) | (°C) | (feet) |
| 6.766 | 3814.67 | | | 11.019 | 3885.35 | 10.76 | 3849.64 | 12.875 | 3837.12 | 13.88 | 3804.09 | 14.679 | 3789.70 |
| 6.753 | 3814.27 | | | 10.996 | 3884.91 | 10.748 | 3849.27 | 12.789 | 3836.72 | 13.803 | 3803.83 | 14.662 | 3789.33 |
| 6.743 | 3813.90 | | | 10.977 | 3884.54 | 10.74 | 3848.91 | 12.721 | 3836.35 | 13.743 | 3803.53 | 14.648 | 3788.96 |
| 6.739 | 3813.60 | | | 10.962 | 3884.21 | 10.733 | 3848.50 | 12.668 | 3835.95 | 13.669 | 3803.22 | 14.636 | 3788.69 |
| 6.735 | 3813.20 | | | 10.95 | 3883.87 | 10.728 | 3848.07 | 12.608 | 3835.52 | 13.617 | 3802.92 | 14.625 | 3788.36 |
| 6.733 | 3812.90 | | | 10.931 | 3883.51 | 10.724 | 3847.70 | 12.534 | 3835.15 | 13.572 | 3802.56 | 14.613 | 3787.92 |
| 6.731 | 3812.53 | | | 10.914 | 3883.24 | 10.717 | 3847.10 | 12.437 | 3834.68 | 13.521 | 3802.12 | 14.605 | 3787.49 |
| 6.729 | 3812.20 | | | 10.898 | 3882.94 | 10.712 | 3846.73 | 12.376 | 3834.31 | 13.458 | 3801.89 | 14.6 | 3787.15 |
| 6.726 | 3811.90 | | | 10.886 | 3882.40 | 10.709 | 3846.33 | 12.332 | 3833.98 | 13.379 | 3801.45 | 14.597 | 3786.75 |
| 6.721 | 3811.60 | | | 10.882 | 3882.03 | 10.707 | 3845.96 | 12.29 | 3833.64 | 13.347 | 3801.15 | 14.595 | 3786.38 |
| 6.708 | 3811.03 | | | 10.879 | 3881.63 | 10.706 | 3845.56 | 12.266 | 3833.34 | 13.326 | 3800.85 | 14.591 | 3786.08 |
| 6.7 | 3810.73 | | | 10.873 | 3881.20 | 10.705 | 3845.19 | 12.245 | 3832.98 | 13.309 | 3800.41 | 14.578 | 3785.72 |
| 6.695 | 3810.39 | | | 10.867 | 3880.76 | 10.704 | 3844.79 | 12.224 | 3832.64 | 13.302 | 3800.08 | 14.558 | 3785.38 |
| 6.69 | 3810.06 | | | 10.861 | 3880.36 | 10.704 | 3844.39 | 12.204 | 3832.31 | 13.299 | 3799.78 | 14.536 | 3785.05 |
| 6.688 | 3809.72 | | | 10.853 | 3879.96 | 10.702 | 3843.99 | 12.185 | 3831.90 | 13.294 | 3799.54 | 14.518 | 3784.71 |
| 6.686 | 3809.39 | | | 10.845 | 3879.73 | 10.701 | 3843.59 | 12.168 | 3831.54 | 13.273 | 3799.14 | 14.504 | 3784.41 |
| 6.685 | 3809.09 | | | 10.838 | 3879.46 | 10.699 | 3843.22 | 12.147 | 3831.20 | 13.253 | 3798.77 | 14.491 | 3783.91 |
| 6.684 | 3808.72 | | | 10.831 | 3879.09 | 10.698 | 3842.75 | 12.121 | 3830.80 | 13.229 | 3798.44 | 14.483 | 3783.54 |
| 6.683 | 3808.42 | | | 10.825 | 3878.79 | 10.696 | 3842.38 | 12.089 | 3830.47 | 13.2 | 3798.17 | 14.479 | 3783.21 |
| 6.681 | 3808.08 | | | 10.82 | 3878.49 | 10.694 | 3842.01 | 12.06 | 3830.13 | 13.159 | 3797.70 | 14.474 | 3782.84 |
| 6.68 | 3807.71 | | | 10.809 | 3878.19 | 10.693 | 3841.65 | 12.032 | 3829.73 | 13.134 | 3797.34 | 14.467 | 3782.44 |
| 6.674 | 3807.28 | | | 10.786 | 3877.82 | 10.692 | 3841.28 | 12.014 | 3829.50 | 13.104 | 3796.90 | 14.461 | 3782.10 |
| 6.666 | 3806.88 | | | 10.76 | 3877.42 | 10.689 | 3840.84 | 11.996 | 3829.23 | 13.08 | 3796.43 | 14.453 | 3781.73 |
| 6.66 | 3806.54 | | | 10.742 | 3877.02 | 10.686 | 3840.47 | 11.972 | 3828.93 | 13.065 | 3796.07 | 14.444 | 3781.40 |
| 6.656 | 3806.21 | | | 10.726 | 3876.65 | 10.683 | 3840.11 | 11.938 | 3828.63 | 13.055 | 3795.73 | 14.436 | 3781.07 |
| 6.652 | 3805.84 | | | 10.706 | 3876.28 | 10.68 | 3839.74 | 11.91 | 3828.22 | 13.047 | 3795.33 | 14.427 | 3780.73 |
| 6.65 | 3805.51 | | | 10.683 | 3875.95 | 10.677 | 3839.37 | 11.878 | 3827.92 | 13.034 | 3794.99 | 14.418 | 3780.40 |
| 6.647 | 3805.21 | | | 10.662 | 3875.74 | 10.673 | 3839.00 | 11.847 | 3827.32 | 13.005 | 3794.69 | 14.409 | 3779.99 |
| 6.644 | 3804.87 | | | 10.645 | 3875.44 | 10.666 | 3838.57 | 11.825 | 3826.95 | 12.963 | 3794.36 | 14.402 | 3779.66 |
| 6.641 | 3804.60 | | | 10.635 | 3875.24 | 10.66 | 3838.23 | 11.794 | 3826.69 | 12.919 | 3794.06 | 14.389 | 3779.33 |
| 6.637 | 3804.17 | | | 10.618 | 3874.87 | 10.655 | 3837.93 | 11.764 | 3826.42 | 12.874 | 3793.72 | 14.376 | 3779.02 |
| 6.635 | 3803.87 | | | 10.593 | 3874.71 | 10.653 | 3837.66 | 11.739 | 3826.15 | 12.825 | 3793.39 | 14.358 | 3778.72 |
| 6.632 | 3803.50 | | | 10.556 | 3874.17 | 10.648 | 3837.43 | 11.706 | 3825.82 | 12.762 | 3792.99 | 14.329 | 3778.39 |
| 6.631 | 3803.20 | | | 10.543 | 3873.77 | 10.642 | 3837.16 | 11.685 | 3825.55 | 12.728 | 3792.69 | 14.294 | 3778.05 |
| 6.631 | 3802.83 | | | 10.535 | 3873.47 | 10.634 | 3836.66 | 11.655 | 3825.11 | 12.704 | 3792.39 | 14.266 | 3777.75 |
| 6.63 | 3802.50 | | | 10.529 | 3873.10 | 10.629 | 3836.33 | 11.635 | 3824.78 | 12.687 | 3792.05 | 14.247 | 3777.55 |
| 6.63 | 3802.16 | | | 10.52 | 3872.63 | 10.623 | 3835.96 | 11.619 | 3824.44 | 12.676 | 3791.68 | 14.225 | 3777.18 |
| 6.629 | 3801.83 | | | 10.516 | 3872.27 | 10.61 | 3835.62 | 11.609 | 3824.21 | 12.669 | 3791.38 | 14.197 | 3776.72 |
| 6.63 | 3801.46 | | | 10.511 | 3871.83 | 10.564 | 3835.19 | 11.595 | 3823.77 | 12.664 | 3790.95 | 14.18 | 3776.45 |
| 6.629 | 3801.12 | | | 10.509 | 3871.46 | 10.539 | 3834.89 | 11.586 | 3823.51 | 12.656 | 3790.65 | 14.171 | 3776.18 |
| 6.628 | 3800.79 | | | 10.508 | 3871.09 | 10.516 | 3834.52 | 11.572 | 3823.14 | 12.643 | 3790.34 | 14.159 | 3775.71 |
| 6.628 | 3800.42 | | | 10.506 | 3870.73 | 10.495 | 3834.18 | 11.562 | 3822.87 | 12.628 | 3790.04 | 14.151 | 3775.38 |
| 6.627 | 3800.12 | | | 10.505 | 3870.36 | 10.479 | 3833.82 | 11.549 | 3822.40 | 12.602 | 3789.71 | 14.145 | 3775.14 |
| 6.626 | 3799.65 | | | 10.505 | 3869.99 | 10.463 | 3833.48 | 11.54 | 3822.10 | 12.569 | 3789.31 | 14.139 | 3774.74 |
| 6.626 | 3799.35 | | | 10.504 | 3869.62 | 10.451 | 3833.11 | 11.524 | 3821.80 | 12.544 | 3788.97 | 14.135 | 3774.44 |
| 6.625 | 3799.02 | | | 10.502 | 3869.25 | 10.44 | 3832.71 | 11.489 | 3821.40 | 12.513 | 3788.67 | 14.131 | 3774.14 |
| 6.623 | 3798.68 | | | 10.5 | 3868.89 | 10.428 | 3832.31 | 11.444 | 3821.13 | 12.459 | 3788.34 | 14.127 | 3773.84 |
| 6.621 | 3798.38 | | | 10.498 | 3868.42 | 10.412 | 3831.94 | 11.387 | 3820.73 | 12.403 | 3788.00 | 14.12 | 3773.24 |
| 6.62 | 3798.05 | | | 10.497 | 3868.05 | 10.404 | 3831.54 | 11.348 | 3820.40 | 12.354 | 3787.67 | 14.117 | 3772.87 |
| 6.617 | 3797.74 | | | 10.495 | 3867.68 | 10.396 | 3831.04 | 11.315 | 3820.06 | 12.307 | 3787.33 | 14.113 | 3772.53 |
| 6.615 | 3797.41 | | | 10.493 | 3867.35 | 10.39 | 3830.67 | 11.291 | 3819.76 | 12.258 | 3787.03 | 14.108 | 3772.23 |
| 6.614 | 3797.08 | | | 10.491 | 3866.95 | 10.387 | 3830.30 | 11.274 | 3819.46 | 12.215 | 3786.70 | 14.102 | 3771.86 |
| 6.613 | 3796.71 | | | 10.491 | 3866.58 | 10.379 | 3829.94 | 11.26 | 3819.12 | 12.185 | 3786.40 | 14.095 | 3771.53 |
| 6.612 | 3796.37 | | | 10.49 | 3866.21 | 10.371 | 3829.53 | 11.247 | 3818.79 | 12.164 | 3786.06 | 14.088 | 3771.23 |
| 6.611 | 3795.87 | | | 10.49 | 3865.77 | 10.358 | 3829.10 | 11.227 | 3818.39 | 12.136 | 3785.59 | 14.076 | 3770.86 |
| 6.611 | 3795.50 | | | 10.487 | 3865.41 | 10.34 | 3828.70 | 11.211 | 3818.02 | 12.107 | 3785.26 | 14.065 | 3770.56 |
| 6.611 | 3795.14 | | | 10.479 | 3865.07 | 10.317 | 3828.33 | 11.192 | 3817.55 | 12.066 | 3784.92 | 14.04 | 3770.23 |
| 6.611 | 3794.80 | | | 10.469 | 3864.70 | 10.295 | 3827.93 | 11.181 | 3817.22 | 12.028 | 3784.62 | 14.002 | 3769.86 |
| 6.61 | 3794.43 | | | 10.45 | 3864.20 | 10.279 | 3827.56 | 11.171 | 3816.85 | 11.988 | 3784.32 | 13.955 | 3769.46 |
| 6.61 | 3794.06 | | | 10.434 | 3863.83 | 10.268 | 3827.19 | 11.163 | 3816.48 | 11.954 | 3783.99 | 13.911 | 3769.05 |
| 6.608 | 3793.70 | | | 10.419 | 3863.47 | 10.255 | 3826.69 | 11.156 | 3816.15 | 11.925 | 3783.72 | 13.886 | 3768.79 |
| 6.607 | 3793.33 | | | 10.403 | 3863.10 | 10.245 | 3826.32 | 11.149 | 3815.81 | 11.902 | 3783.45 | 13.858 | 3768.35 |
| 6.603 | 3792.96 | | | 10.386 | 3862.73 | 10.235 | 3825.92 | 11.131 | 3815.44 | 11.873 | 3782.98 | 13.84 | 3768.05 |
| 6.599 | 3792.59 | | | 10.367 | 3862.40 | 10.228 | 3825.55 | 11.113 | 3815.08 | 11.853 | 3782.72 | 13.824 | 3767.72 |
| 6.595 | 3792.22 | | | 10.352 | 3862.03 | 10.219 | 3825.15 | 11.101 | 3814.68 | 11.832 | 3782.38 | 13.81 | 3767.38 |
| 6.591 | 3791.76 | | | 10.343 | 3861.66 | 10.213 | 3824.78 | 11.088 | 3814.34 | 11.82 | 3782.15 | 13.798 | 3767.08 |
| 6.59 | 3791.42 | | | 10.337 | 3861.29 | 10.207 | 3824.38 | 11.076 | 3813.97 | 11.792 | 3781.65 | 13.786 | 3766.78 |
| 6.589 | 3791.05 | | | 10.332 | 3860.99 | 10.202 | 3823.98 | 11.061 | 3813.54 | 11.77 | 3781.34 | 13.763 | 3766.31 |
| 6.588 | 3790.69 | | | 10.328 | 3860.66 | 10.195 | 3823.58 | 11.053 | 3813.24 | 11.744 | 3781.08 | 13.752 | 3766.01 |
| 6.587 | 3790.32 | | | 10.324 | 3860.19 | 10.189 | 3823.21 | 11.045 | 3812.90 | 11.711 | 3780.78 | 13.742 | 3765.74 |
| 6.584 | 3789.92 | | | 10.322 | 3859.79 | 10.181 | 3822.78 | 11.038 | 3812.47 | 11.661 | 3780.37 | 13.732 | 3765.51 |
| 6.582 | 3789.58 | | | 10.319 | 3859.49 | 10.174 | 3822.27 | 11.035 | 3812.13 | 11.624 | 3780.07 | 13.72 | 3765.17 |
| 6.578 | 3789.31 | | | 10.316 | 3859.12 | 10.165 | 3821.87 | 11.032 | 3811.80 | 11.598 | 3779.77 | 13.717 | 3764.74 |
| 6.574 | 3789.05 | | | 10.312 | 3858.78 | 10.155 | 3821.51 | 11.03 | 3811.43 | 11.573 | 3779.30 | 13.711 | 3764.47 |
| 6.565 | 3788.81 | | | 10.309 | 3858.41 | 10.147 | 3821.10 | 11.028 | 3811.10 | 11.555 | 3778.84 | 13.698 | 3764.14 |
| 6.549 | 3788.38 | | | 10.307 | 3858.08 | 10.141 | 3820.74 | 11.026 | 3810.73 | 11.544 | 3778.53 | 13.682 | 3763.80 |
| 6.541 | 3788.11 | | | 10.309 | 3857.81 | 10.136 | 3820.37 | 11.024 | 3810.39 | 11.536 | 3778.20 | 13.669 | 3763.43 |
| 6.538 | 3787.81 | | | 10.306 | 3857.48 | 10.132 | 3819.97 | 11.02 | 3810.02 | 11.529 | 3777.83 | 13.656 | 3763.07 |
| 6.537 | 3787.47 | | | 10.302 | 3857.04 | 10.129 | 3819.60 | 11.014 | 3809.59 | 11.522 | 3777.50 | 13.647 | 3762.77 |
| 6.535 | 3787.14 | | | 10.301 | 3856.64 | 10.125 | 3819.20 | 11.009 | 3809.26 | 11.513 | 3777.20 | 13.639 | 3762.43 |
| 6.532 | 3786.80 | | | 10.298 | 3856.34 | 10.122 | 3818.83 | 11.001 | 3808.92 | 11.499 | 3776.86 | 13.627 | 3762.03 |
| 6.529 | 3786.47 | | | 10.298 | 3856.01 | 10.12 | 3818.46 | 10.982 | 3808.59 | 11.479 | 3776.49 | 13.62 | 3761.76 |
| 6.525 | 3786.14 | | | 10.298 | 3855.70 | 10.117 | 3817.96 | 10.947 | 3808.22 | 11.457 | 3776.16 | 13.607 | 3761.26 |
| 6.522 | 3785.83 | | | 10.297 | 3855.37 | 10.114 | 3817.56 | 10.915 | 3807.85 | 11.436 | 3775.79 | 13.597 | 3760.96 |
| 6.52 | 3785.47 | | | 10.296 | 3855.07 | 10.111 | 3817.22 | 10.887 | 3807.48 | 11.419 | 3775.46 | 13.588 | 3760.72 |
| 6.519 | 3785.10 | | | 10.294 | 3854.77 | 10.109 | 3816.86 | 10.868 | 3807.11 | 11.4 | 3774.99 | 13.58 | 3760.49 |
| 6.518 | 3784.56 | | | 10.292 | 3854.37 | 10.107 | 3816.39 | 10.849 | 3806.68 | 11.388 | 3774.59 | 13.568 | 3759.99 |
| 6.517 | 3784.20 | | | 10.289 | 3854.03 | 10.106 | 3816.02 | 10.837 | 3806.28 | 11.377 | 3774.29 | 13.559 | 3759.65 |
| 6.516 | 3783.83 | | | 10.284 | 3853.70 | 10.103 | 3815.62 | 10.83 | 3805.94 | 11.37 | 3773.95 | 13.541 | 3759.35 |
| 6.516 | 3783.46 | | | 10.274 | 3853.36 | 10.1 | 3815.22 | 10.821 | 3805.51 | 11.36 | 3773.62 | 13.517 | 3759.12 |
| 6.515 | 3783.06 | | | 10.26 | 3852.93 | 10.098 | 3814.88 | 10.815 | 3805.21 | 11.347 | 3773.28 | 13.484 | 3758.68 |
| 6.515 | 3782.72 | | | 10.243 | 3852.66 | 10.096 | 3814.51 | 10.811 | 3804.94 | 11.32 | 3772.95 | 13.463 | 3758.38 |
| 6.515 | 3782.32 | | | 10.22 | 3852.43 | 10.095 | 3814.11 | 10.808 | 3804.64 | 11.283 | 3772.61 | 13.436 | 3757.98 |

Salt Springs Reservoir Inlet (SSR3) Monthly Temperature Profiles

Table C1-3

| April (4/23/09) | | May | | June (6/23/09) | | July (7/20/09) | | August (8/25/09) | | September (9/29/09) | | October (10/22/09) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| 6.515 | 3781.99 | | | 10.186 | 3852.16 | 10.094 | 3813.64 | 10.804 | 3804.30 | 11.252 | 3772.28 | 13.414 | 3757.71 |
| 6.515 | 3781.65 | | | 10.136 | 3851.82 | 10.093 | 3813.24 | 10.799 | 3803.94 | 11.229 | 3771.98 | 13.363 | 3757.58 |
| 6.515 | 3781.28 | | | 10.112 | 3851.46 | 10.093 | 3812.87 | 10.795 | 3803.63 | 11.211 | 3771.64 | | |
| 6.514 | 3780.95 | | | 10.071 | 3851.02 | 10.093 | 3812.51 | 10.793 | 3803.30 | 11.193 | 3771.17 | | |
| 6.514 | 3780.48 | | | 10.026 | 3850.75 | 10.093 | 3812.14 | 10.791 | 3802.97 | 11.18 | 3770.87 | | |
| 6.515 | 3780.15 | | | 9.977 | 3850.35 | 10.092 | 3811.77 | 10.788 | 3802.66 | 11.169 | 3770.54 | | |
| 6.515 | 3779.78 | | | 9.952 | 3850.05 | 10.09 | 3811.40 | 10.785 | 3802.36 | 11.157 | 3770.20 | | |
| 6.515 | 3779.44 | | | 9.935 | 3849.72 | 10.089 | 3811.03 | 10.781 | 3801.93 | 11.143 | 3769.87 | | |
| 6.515 | 3779.08 | | | 9.924 | 3849.38 | 10.087 | 3810.67 | 10.776 | 3801.56 | 11.131 | 3769.50 | | |
| 6.514 | 3778.68 | | | 9.915 | 3849.01 | 10.086 | 3810.23 | 10.77 | 3801.16 | 11.119 | 3769.10 | | |
| 6.514 | 3778.31 | | | 9.91 | 3848.71 | 10.087 | 3809.90 | 10.764 | 3800.82 | 11.113 | 3768.73 | | |
| 6.514 | 3777.94 | | | 9.905 | 3848.45 | 10.088 | 3809.43 | 10.76 | 3800.49 | 11.108 | 3768.40 | | |
| 6.513 | 3777.60 | | | 9.892 | 3848.01 | 10.087 | 3809.09 | 10.752 | 3800.12 | 11.104 | 3768.06 | | |
| 6.513 | 3777.27 | | | 9.885 | 3847.71 | 10.087 | 3808.76 | 10.744 | 3799.79 | 11.101 | 3767.70 | | |
| 6.51 | 3776.94 | | | 9.879 | 3847.37 | 10.084 | 3808.39 | 10.738 | 3799.49 | 11.098 | 3767.26 | | |
| 6.507 | 3776.50 | | | 9.874 | 3847.11 | 10.076 | 3808.02 | 10.735 | 3799.15 | 11.097 | 3766.93 | | |
| 6.505 | 3776.20 | | | 9.869 | 3846.67 | 10.065 | 3807.65 | 10.731 | 3798.82 | 11.097 | 3766.56 | | |
| 6.501 | 3775.83 | | | 9.865 | 3846.37 | 10.053 | 3807.32 | 10.728 | 3798.48 | 11.096 | 3766.22 | | |
| 6.499 | 3775.50 | | | 9.864 | 3846.04 | 10.041 | 3806.99 | 10.724 | 3798.05 | 11.094 | 3765.89 | | |
| 6.497 | 3775.16 | | | 9.862 | 3845.70 | 10.029 | 3806.65 | 10.721 | 3797.71 | 11.092 | 3765.52 | | |
| 6.496 | 3774.79 | | | 9.861 | 3845.37 | 10.015 | 3806.28 | 10.718 | 3797.38 | 11.088 | 3765.19 | | |
| 6.495 | 3774.46 | | | 9.861 | 3845.03 | 10 | 3805.95 | 10.715 | 3797.04 | 11.082 | 3764.82 | | |
| 6.495 | 3774.13 | | | 9.859 | 3844.73 | 9.98 | 3805.48 | 10.712 | 3796.68 | 11.074 | 3764.48 | | |
| 6.494 | 3773.79 | | | 9.858 | 3844.43 | 9.966 | 3805.08 | 10.709 | 3796.34 | 11.069 | 3764.15 | | |
| 6.494 | 3773.46 | | | 9.858 | 3844.00 | 9.959 | 3804.71 | 10.705 | 3796.01 | 11.066 | 3763.85 | | |
| 6.494 | 3773.05 | | | 9.857 | 3843.73 | 9.95 | 3804.28 | 10.7 | 3795.61 | 11.06 | 3763.35 | | |
| 6.494 | 3772.62 | | | 9.855 | 3843.33 | 9.939 | 3803.94 | 10.697 | 3795.27 | 11.056 | 3762.98 | | |
| 6.494 | 3772.29 | | | 9.855 | 3843.09 | 9.929 | 3803.57 | 10.694 | 3794.90 | 11.051 | 3762.68 | | |
| 6.494 | 3771.92 | | | 9.855 | 3842.66 | 9.917 | 3803.21 | 10.693 | 3794.57 | 11.046 | 3762.34 | | |
| 6.493 | 3771.58 | | | 9.854 | 3842.36 | 9.903 | 3802.84 | 10.688 | 3794.10 | 11.042 | 3762.01 | | |
| 6.494 | 3771.25 | | | 9.854 | 3842.02 | 9.889 | 3802.47 | 10.682 | 3793.77 | 11.039 | 3761.67 | | |
| 6.494 | 3770.91 | | | 9.854 | 3841.69 | 9.875 | 3802.10 | 10.67 | 3793.40 | 11.035 | 3761.31 | | |
| 6.494 | 3770.55 | | | 9.853 | 3841.35 | 9.861 | 3801.73 | 10.656 | 3793.06 | 11.033 | 3760.97 | | |
| 6.494 | 3770.21 | | | 9.852 | 3841.02 | 9.839 | 3801.23 | 10.644 | 3792.70 | 11.029 | 3760.64 | | |
| 6.494 | 3769.88 | | | 9.844 | 3840.72 | 9.824 | 3800.90 | 10.632 | 3792.36 | 11.026 | 3760.27 | | |
| 6.492 | 3769.58 | | | 9.837 | 3840.42 | 9.812 | 3800.53 | 10.621 | 3792.03 | 11.023 | 3759.93 | | |
| 6.491 | 3769.24 | | | 9.825 | 3839.88 | 9.805 | 3800.16 | 10.6 | 3791.66 | 11.019 | 3759.50 | | |
| 6.491 | 3768.81 | | | 9.817 | 3839.58 | 9.799 | 3799.83 | 10.569 | 3791.32 | 11.016 | 3759.13 | | |
| 6.492 | 3768.44 | | | 9.808 | 3839.25 | 9.793 | 3799.46 | 10.543 | 3790.99 | 11.012 | 3758.80 | | |
| 6.492 | 3768.10 | | | 9.795 | 3838.94 | 9.787 | 3799.09 | 10.518 | 3790.65 | 11.009 | 3758.43 | | |
| 6.492 | 3767.74 | | | 9.782 | 3838.61 | 9.781 | 3798.72 | 10.488 | 3790.19 | 11.007 | 3758.09 | | |
| 6.492 | 3767.33 | | | 9.767 | 3838.21 | 9.773 | 3798.29 | 10.469 | 3789.75 | 11.004 | 3757.66 | | |
| 6.491 | 3767.00 | | | 9.758 | 3837.91 | 9.768 | 3797.95 | 10.456 | 3789.38 | 11.001 | 3757.32 | | |
| 6.491 | 3766.63 | | | 9.747 | 3837.61 | 9.764 | 3797.62 | 10.447 | 3789.05 | 11 | 3756.99 | | |
| 6.492 | 3766.30 | | | 9.734 | 3837.30 | 9.759 | 3797.15 | 10.441 | 3788.71 | 10.998 | 3756.65 | | |
| 6.492 | 3765.96 | | | 9.722 | 3837.00 | 9.757 | 3796.78 | 10.437 | 3788.35 | 10.997 | 3756.29 | | |
| 6.49 | 3765.63 | | | 9.712 | 3836.70 | 9.755 | 3796.45 | 10.434 | 3787.98 | 10.996 | 3755.95 | | |
| 6.489 | 3765.29 | | | 9.7 | 3836.33 | 9.754 | 3796.11 | 10.43 | 3787.61 | 10.995 | 3755.48 | | |
| 6.487 | 3764.86 | | | 9.691 | 3836.07 | 9.754 | 3795.74 | 10.428 | 3787.24 | 10.995 | 3755.12 | | |
| 6.486 | 3764.49 | | | 9.68 | 3835.70 | 9.752 | 3795.38 | 10.425 | 3786.91 | 10.994 | 3754.78 | | |
| 6.484 | 3764.16 | | | 9.671 | 3835.36 | 9.748 | 3795.01 | 10.419 | 3786.54 | 10.994 | 3754.45 | | |
| 6.483 | 3763.82 | | | 9.665 | 3835.06 | 9.743 | 3794.71 | 10.406 | 3786.07 | 10.993 | 3754.08 | | |
| 6.483 | 3763.49 | | | 9.655 | 3834.66 | 9.735 | 3794.41 | 10.392 | 3785.74 | 10.992 | 3753.68 | | |
| 6.483 | 3763.15 | | | 9.648 | 3834.36 | 9.719 | 3794.07 | 10.375 | 3785.40 | 10.991 | 3753.81 | | |
| 6.482 | 3762.85 | | | 9.643 | 3834.09 | 9.702 | 3793.74 | 10.361 | 3785.07 | | | | |
| 6.481 | 3762.52 | | | 9.635 | 3833.76 | 9.678 | 3793.27 | 10.35 | 3784.73 | | | | |
| 6.48 | 3762.18 | | | 9.618 | 3833.39 | 9.661 | 3792.90 | 10.342 | 3784.40 | | | | |
| 6.48 | 3761.78 | | | 9.571 | 3833.02 | 9.645 | 3792.50 | 10.336 | 3784.00 | | | | |
| 6.479 | 3761.48 | | | 9.529 | 3832.72 | 9.636 | 3792.17 | 10.331 | 3783.66 | | | | |
| 6.478 | 3761.04 | | | 9.484 | 3832.29 | 9.628 | 3791.90 | 10.328 | 3783.33 | | | | |
| 6.478 | 3760.71 | | | 9.465 | 3831.99 | 9.621 | 3791.56 | 10.326 | 3782.96 | | | | |
| 6.477 | 3760.34 | | | 9.452 | 3831.68 | 9.617 | 3791.26 | 10.325 | 3782.63 | | | | |
| 6.477 | 3760.01 | | | 9.443 | 3831.42 | 9.612 | 3790.93 | 10.324 | 3782.19 | | | | |
| 6.477 | 3759.67 | | | 9.434 | 3830.98 | 9.609 | 3790.56 | 10.324 | 3781.86 | | | | |
| 6.478 | 3759.34 | | | 9.428 | 3830.71 | 9.606 | 3790.22 | 10.323 | 3781.49 | | | | |
| 6.477 | 3759.00 | | | 9.418 | 3830.25 | 9.602 | 3790.12 | 10.322 | 3781.12 | | | | |
| 6.478 | 3759.07 | | | 9.415 | 3829.94 | | | 10.32 | 3780.79 | | | | |
| | | | | 9.412 | 3829.68 | | | 10.318 | 3780.45 | | | | |
| | | | | 9.409 | 3829.38 | | | 10.309 | 3780.92 | | | | |
| | | | | 9.396 | 3828.94 | | | 10.285 | 3780.05 | | | | |
| | | | | 9.382 | 3828.67 | | | 10.226 | 3780.22 | | | | |
| | | | | 9.36 | 3828.34 | | | | | | | | |
| | | | | 9.336 | 3828.04 | | | | | | | | |
| | | | | 9.313 | 3827.67 | | | | | | | | |
| | | | | 9.3 | 3827.33 | | | | | | | | |
| | | | | 9.29 | 3827.03 | | | | | | | | |
| | | | | 9.279 | 3826.67 | | | | | | | | |
| | | | | 9.271 | 3826.36 | | | | | | | | |
| | | | | 9.261 | 3825.93 | | | | | | | | |
| | | | | 9.253 | 3825.63 | | | | | | | | |
| | | | | 9.245 | 3825.33 | | | | | | | | |
| | | | | 9.238 | 3825.03 | | | | | | | | |
| | | | | 9.228 | 3824.63 | | | | | | | | |
| | | | | 9.221 | 3824.32 | | | | | | | | |
| | | | | 9.213 | 3824.02 | | | | | | | | |
| | | | | 9.198 | 3823.49 | | | | | | | | |
| | | | | 9.192 | 3823.22 | | | | | | | | |
| | | | | 9.186 | 3822.89 | | | | | | | | |
| | | | | 9.182 | 3822.58 | | | | | | | | |
| | | | | 9.177 | 3822.22 | | | | | | | | |
| | | | | 9.174 | 3821.92 | | | | | | | | |
| | | | | 9.171 | 3821.61 | | | | | | | | |
| | | | | 9.168 | 3821.31 | | | | | | | | |

Salt Springs Reservoir Inlet (SSR3) Monthly Temperature Profiles

Table C1-3

| April | (4/23/09) | May | | June | (6/23/09) | July | (7/20/09) | August | (8/25/09) | September | (9/29/09) | October | (10/22/09) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| | | | | 9.162 | 3821.05 | | | | | | | | |
| | | | | 9.15 | 3820.61 | | | | | | | | |
| | | | | 9.132 | 3820.34 | | | | | | | | |
| | | | | 9.113 | 3819.94 | | | | | | | | |
| | | | | 9.103 | 3819.67 | | | | | | | | |
| | | | | 9.097 | 3819.34 | | | | | | | | |
| | | | | 9.092 | 3818.90 | | | | | | | | |
| | | | | 9.089 | 3818.60 | | | | | | | | |
| | | | | 9.087 | 3818.30 | | | | | | | | |
| | | | | 9.086 | 3818.00 | | | | | | | | |
| | | | | 9.084 | 3817.57 | | | | | | | | |
| | | | | 9.083 | 3817.30 | | | | | | | | |
| | | | | 9.083 | 3816.96 | | | | | | | | |
| | | | | 9.078 | 3816.60 | | | | | | | | |
| | | | | 9.072 | 3816.33 | | | | | | | | |
| | | | | 9.07 | 3815.99 | | | | | | | | |
| | | | | 9.068 | 3815.56 | | | | | | | | |
| | | | | 9.064 | 3815.26 | | | | | | | | |
| | | | | 9.057 | 3814.96 | | | | | | | | |
| | | | | 9.052 | 3814.69 | | | | | | | | |
| | | | | 9.039 | 3814.29 | | | | | | | | |
| | | | | 9.031 | 3814.02 | | | | | | | | |
| | | | | 9.016 | 3813.52 | | | | | | | | |
| | | | | 9.008 | 3813.22 | | | | | | | | |
| | | | | 9.002 | 3812.95 | | | | | | | | |
| | | | | 8.993 | 3812.65 | | | | | | | | |
| | | | | 8.962 | 3812.25 | | | | | | | | |
| | | | | 8.936 | 3811.95 | | | | | | | | |
| | | | | 8.901 | 3811.61 | | | | | | | | |
| | | | | 8.874 | 3811.31 | | | | | | | | |
| | | | | 8.847 | 3810.91 | | | | | | | | |
| | | | | 8.836 | 3810.64 | | | | | | | | |
| | | | | 8.823 | 3810.21 | | | | | | | | |
| | | | | 8.819 | 3810.01 | | | | | | | | |
| | | | | 8.814 | 3809.67 | | | | | | | | |
| | | | | 8.81 | 3809.34 | | | | | | | | |
| | | | | 8.799 | 3808.97 | | | | | | | | |
| | | | | 8.79 | 3808.60 | | | | | | | | |
| | | | | 8.784 | 3808.23 | | | | | | | | |
| | | | | 8.781 | 3807.90 | | | | | | | | |
| | | | | 8.78 | 3807.60 | | | | | | | | |
| | | | | 8.779 | 3807.30 | | | | | | | | |
| | | | | 8.778 | 3806.89 | | | | | | | | |
| | | | | 8.777 | 3806.59 | | | | | | | | |
| | | | | 8.776 | 3806.29 | | | | | | | | |
| | | | | 8.776 | 3805.92 | | | | | | | | |
| | | | | 8.776 | 3805.56 | | | | | | | | |
| | | | | 8.776 | 3805.25 | | | | | | | | |
| | | | | 8.776 | 3804.95 | | | | | | | | |
| | | | | 8.774 | 3804.59 | | | | | | | | |
| | | | | 8.772 | 3804.32 | | | | | | | | |
| | | | | 8.769 | 3803.92 | | | | | | | | |
| | | | | 8.766 | 3803.62 | | | | | | | | |
| | | | | 8.761 | 3803.21 | | | | | | | | |
| | | | | 8.758 | 3802.95 | | | | | | | | |
| | | | | 8.753 | 3802.54 | | | | | | | | |
| | | | | 8.749 | 3802.24 | | | | | | | | |
| | | | | 8.746 | 3801.98 | | | | | | | | |
| | | | | 8.742 | 3801.54 | | | | | | | | |
| | | | | 8.738 | 3801.31 | | | | | | | | |
| | | | | 8.728 | 3800.91 | | | | | | | | |
| | | | | 8.722 | 3800.54 | | | | | | | | |
| | | | | 8.718 | 3800.27 | | | | | | | | |
| | | | | 8.713 | 3799.87 | | | | | | | | |
| | | | | 8.711 | 3799.60 | | | | | | | | |
| | | | | 8.706 | 3799.17 | | | | | | | | |
| | | | | 8.694 | 3798.90 | | | | | | | | |
| | | | | 8.681 | 3798.50 | | | | | | | | |
| | | | | 8.671 | 3798.23 | | | | | | | | |
| | | | | 8.664 | 3797.93 | | | | | | | | |
| | | | | 8.655 | 3797.53 | | | | | | | | |
| | | | | 8.653 | 3797.26 | | | | | | | | |
| | | | | 8.647 | 3796.86 | | | | | | | | |
| | | | | 8.645 | 3796.59 | | | | | | | | |
| | | | | 8.641 | 3796.19 | | | | | | | | |
| | | | | 8.64 | 3795.92 | | | | | | | | |
| | | | | 8.638 | 3795.55 | | | | | | | | |
| | | | | 8.638 | 3795.25 | | | | | | | | |
| | | | | 8.636 | 3794.85 | | | | | | | | |
| | | | | 8.635 | 3794.58 | | | | | | | | |
| | | | | 8.634 | 3794.18 | | | | | | | | |
| | | | | 8.633 | 3793.88 | | | | | | | | |
| | | | | 8.633 | 3793.61 | | | | | | | | |
| | | | | 8.631 | 3793.21 | | | | | | | | |
| | | | | 8.631 | 3792.91 | | | | | | | | |
| | | | | 8.63 | 3792.47 | | | | | | | | |
| | | | | 8.63 | 3792.24 | | | | | | | | |
| | | | | 8.628 | 3791.91 | | | | | | | | |
| | | | | 8.627 | 3791.50 | | | | | | | | |
| | | | | 8.626 | 3791.20 | | | | | | | | |
| | | | | 8.626 | 3790.90 | | | | | | | | |
| | | | | 8.625 | 3790.47 | | | | | | | | |
| | | | | 8.626 | 3790.17 | | | | | | | | |

Salt Springs Reservoir Inlet (SSR3) Monthly Temperature Profiles

Table C1-3

| April | (4/23/09) | May | | June | (6/23/09) | July | (7/20/09) | August | (8/25/09) | September | (9/29/09) | October | (10/22/09) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) | Temp (°C) | Elevation (feet) |
| | | | | 8.625 | 3789.93 | | | | | | | | |
| | | | | 8.615 | 3789.53 | | | | | | | | |
| | | | | 8.607 | 3789.30 | | | | | | | | |
| | | | | 8.599 | 3788.89 | | | | | | | | |
| | | | | 8.597 | 3788.56 | | | | | | | | |
| | | | | 8.592 | 3788.23 | | | | | | | | |
| | | | | 8.59 | 3787.96 | | | | | | | | |
| | | | | 8.588 | 3787.62 | | | | | | | | |
| | | | | 8.581 | 3787.19 | | | | | | | | |
| | | | | 8.575 | 3786.85 | | | | | | | | |
| | | | | 8.572 | 3786.62 | | | | | | | | |
| | | | | 8.572 | 3786.29 | | | | | | | | |
| | | | | 8.572 | 3785.88 | | | | | | | | |
| | | | | 8.572 | 3785.58 | | | | | | | | |
| | | | | 8.57 | 3785.21 | | | | | | | | |
| | | | | 8.569 | 3784.91 | | | | | | | | |
| | | | | 8.567 | 3784.58 | | | | | | | | |
| | | | | 8.565 | 3784.24 | | | | | | | | |
| | | | | 8.566 | 3783.98 | | | | | | | | |
| | | | | 8.564 | 3783.64 | | | | | | | | |

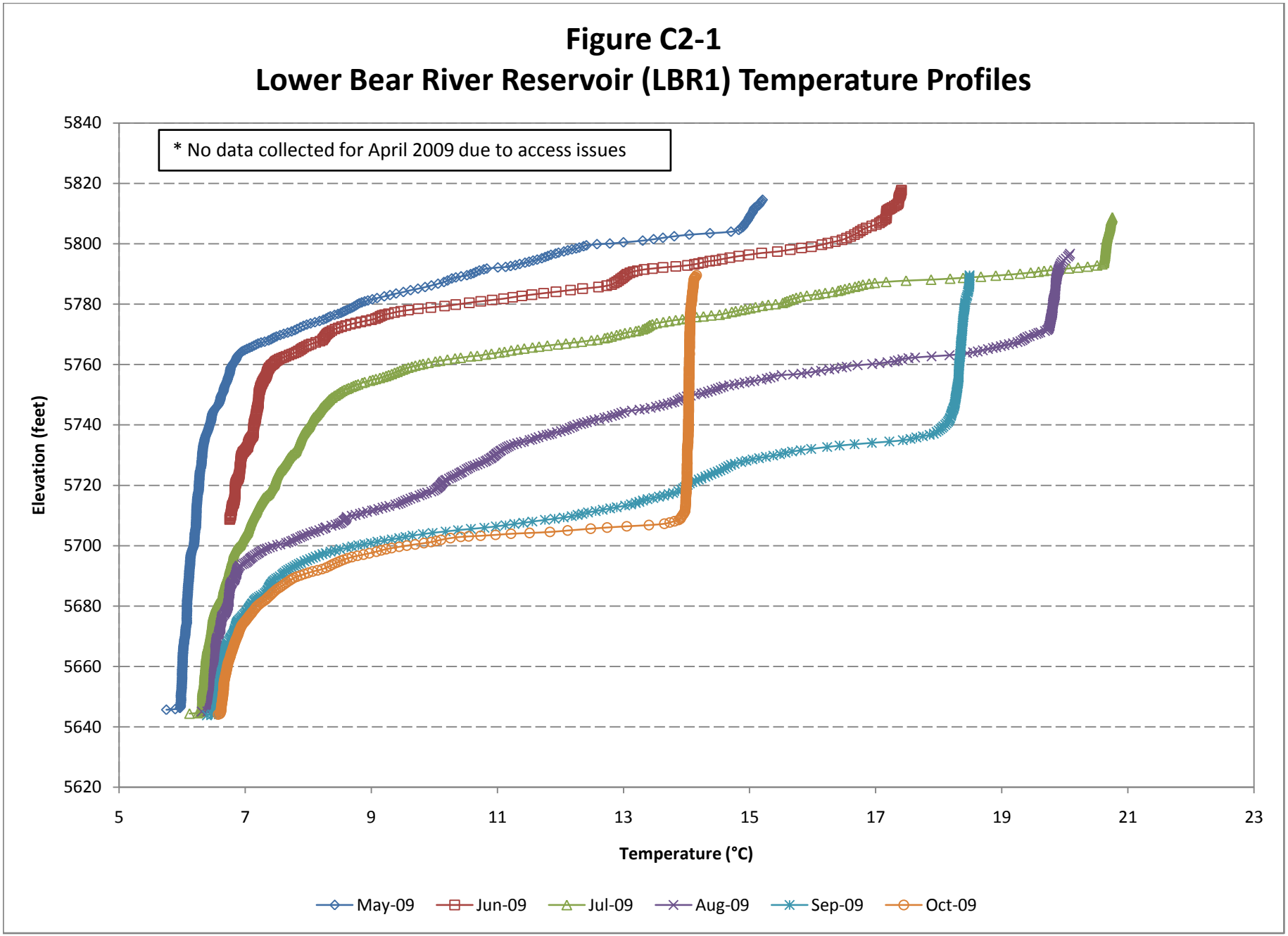


Figure C2-1
Lower Bear River Reservoir (LBR1) Temperature Profiles
* No data collected for April 2009 due to access issues
Elevation (feet)
5840
5820
5800
5780
5760
5740
5720
5700
5680
5660
5640
5620
5
7
9
11
13
15
17
19
21
23
Temperature (°C)
May-09
Jun-09
Jul-09
Aug-09
Sep-09
Oct-09

Lower Bear River Reservoir near Dam (LBR1) Monthly Temperature Profiles

Table C2-1

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No profiles due to | | 15.206 | 5814.57 | 17.411 | 5817.73 | 20.754 | 5808.73 | 20.083 | 5796.70 | 18.492 | 5789.57 | 14.162 | 5789.60 |
| access issues | | 15.19 | 5814.13 | 17.406 | 5817.50 | 20.748 | 5808.33 | 20.069 | 5796.16 | 18.491 | 5789.10 | 14.147 | 5789.10 |
| | | 15.178 | 5813.70 | 17.402 | 5817.03 | 20.742 | 5808.06 | 20.051 | 5795.73 | 18.492 | 5788.53 | 14.133 | 5788.83 |
| | | 15.162 | 5813.26 | 17.399 | 5816.73 | 20.738 | 5807.93 | 20.018 | 5795.09 | 18.492 | 5787.99 | 14.125 | 5788.56 |
| | | 15.148 | 5812.79 | 17.396 | 5816.43 | 20.731 | 5807.56 | 19.982 | 5794.52 | 18.49 | 5787.56 | 14.119 | 5788.16 |
| | | 15.134 | 5812.59 | 17.39 | 5816.16 | 20.729 | 5807.13 | 19.957 | 5793.96 | 18.489 | 5787.32 | 14.117 | 5787.73 |
| | | 15.103 | 5812.29 | 17.385 | 5815.93 | 20.726 | 5806.76 | 19.94 | 5793.39 | 18.488 | 5786.92 | 14.115 | 5787.46 |
| | | 15.079 | 5811.96 | 17.375 | 5815.56 | 20.724 | 5806.42 | 19.928 | 5792.85 | 18.488 | 5786.45 | 14.114 | 5787.19 |
| | | 15.068 | 5811.52 | 17.371 | 5815.29 | 20.722 | 5806.06 | 19.919 | 5792.35 | 18.486 | 5785.99 | 14.112 | 5786.86 |
| | | 15.058 | 5811.02 | 17.368 | 5814.92 | 20.719 | 5805.69 | 19.911 | 5791.88 | 18.48 | 5785.48 | 14.111 | 5786.49 |
| | | 15.05 | 5810.55 | 17.365 | 5814.35 | 20.714 | 5805.29 | 19.904 | 5791.48 | 18.475 | 5784.91 | 14.109 | 5786.09 |
| | | 15.039 | 5810.18 | 17.364 | 5813.92 | 20.709 | 5805.02 | 19.896 | 5791.08 | 18.47 | 5784.38 | 14.108 | 5785.78 |
| | | 15.027 | 5809.88 | 17.36 | 5813.52 | 20.706 | 5804.72 | 19.889 | 5790.61 | 18.465 | 5783.84 | 14.107 | 5785.52 |
| | | 15.014 | 5809.51 | 17.35 | 5813.15 | 20.702 | 5804.42 | 19.884 | 5790.21 | 18.457 | 5783.04 | 14.105 | 5785.05 |
| | | 14.999 | 5808.94 | 17.328 | 5812.78 | 20.699 | 5804.15 | 19.878 | 5789.71 | 18.45 | 5782.51 | 14.103 | 5784.78 |
| | | 14.988 | 5808.51 | 17.297 | 5812.45 | 20.693 | 5803.75 | 19.875 | 5789.31 | 18.44 | 5781.94 | 14.101 | 5784.51 |
| | | 14.971 | 5807.87 | 17.261 | 5811.98 | 20.689 | 5803.45 | 19.871 | 5788.90 | 18.429 | 5781.27 | 14.097 | 5784.15 |
| | | 14.953 | 5807.37 | 17.235 | 5811.68 | 20.685 | 5803.15 | 19.869 | 5788.57 | 18.424 | 5780.57 | 14.095 | 5783.84 |
| | | 14.938 | 5806.97 | 17.217 | 5811.48 | 20.68 | 5802.84 | 19.867 | 5788.27 | 18.42 | 5780.00 | 14.094 | 5783.51 |
| | | 14.923 | 5806.64 | 17.197 | 5811.28 | 20.676 | 5802.44 | 19.864 | 5788.10 | 18.418 | 5779.50 | 14.093 | 5783.07 |
| | | 14.911 | 5806.27 | 17.175 | 5810.91 | 20.673 | 5802.11 | 19.861 | 5787.97 | 18.414 | 5778.99 | 14.091 | 5782.74 |
| | | 14.902 | 5805.87 | 17.172 | 5810.44 | 20.669 | 5801.77 | 19.859 | 5787.50 | 18.41 | 5778.49 | 14.09 | 5782.47 |
| | | 14.888 | 5805.47 | 17.171 | 5810.07 | 20.667 | 5801.54 | 19.857 | 5787.10 | 18.406 | 5778.02 | 14.088 | 5782.14 |
| | | 14.858 | 5805.06 | 17.17 | 5809.74 | 20.664 | 5801.10 | 19.856 | 5786.73 | 18.403 | 5777.42 | 14.087 | 5781.67 |
| | | 14.828 | 5804.60 | 17.171 | 5809.47 | 20.661 | 5800.80 | 19.854 | 5786.29 | 18.4 | 5776.79 | 14.086 | 5781.40 |
| | | 14.705 | 5803.99 | 17.172 | 5809.13 | 20.66 | 5800.47 | 19.853 | 5785.83 | 18.397 | 5776.25 | 14.084 | 5781.07 |
| | | 14.372 | 5803.49 | 17.171 | 5808.77 | 20.659 | 5800.10 | 19.852 | 5785.32 | 18.394 | 5775.68 | 14.082 | 5780.80 |
| | | 14.044 | 5803.02 | 17.17 | 5808.50 | 20.656 | 5799.73 | 19.85 | 5784.86 | 18.39 | 5775.08 | 14.079 | 5780.43 |
| | | 13.805 | 5802.49 | 17.152 | 5808.10 | 20.655 | 5799.47 | 19.849 | 5784.35 | 18.388 | 5774.54 | 14.077 | 5780.16 |
| | | 13.626 | 5801.99 | 17.112 | 5807.70 | 20.652 | 5799.06 | 19.848 | 5783.85 | 18.385 | 5773.94 | 14.075 | 5779.86 |
| | | 13.478 | 5801.52 | 17.089 | 5807.33 | 20.651 | 5798.80 | 19.846 | 5783.38 | 18.383 | 5773.37 | 14.072 | 5779.56 |
| | | 13.305 | 5801.05 | 17.06 | 5806.93 | 20.65 | 5798.50 | 19.842 | 5782.95 | 18.38 | 5772.77 | 14.07 | 5779.09 |
| | | 13 | 5800.48 | 17.011 | 5806.36 | 20.648 | 5798.13 | 19.84 | 5782.65 | 18.378 | 5772.13 | 14.069 | 5778.76 |
| | | 12.784 | 5800.08 | 16.937 | 5805.86 | 20.646 | 5797.69 | 19.838 | 5782.31 | 18.376 | 5771.57 | 14.068 | 5778.29 |
| | | 12.58 | 5799.88 | 16.85 | 5805.22 | 20.644 | 5797.36 | 19.834 | 5782.08 | 18.374 | 5771.00 | 14.068 | 5777.99 |
| | | 12.412 | 5799.48 | 16.795 | 5804.68 | 20.642 | 5797.02 | 19.829 | 5781.74 | 18.372 | 5770.33 | 14.068 | 5777.69 |
| | | 12.367 | 5799.18 | 16.756 | 5804.18 | 20.641 | 5796.66 | 19.823 | 5781.38 | 18.37 | 5769.76 | 14.067 | 5777.39 |
| | | 12.299 | 5798.74 | 16.717 | 5803.61 | 20.639 | 5796.19 | 19.821 | 5781.08 | 18.368 | 5769.22 | 14.065 | 5777.15 |
| | | 12.249 | 5798.44 | 16.664 | 5803.05 | 20.636 | 5795.85 | 19.818 | 5780.71 | 18.365 | 5768.62 | 14.064 | 5776.89 |
| | | 12.182 | 5798.14 | 16.602 | 5802.41 | 20.633 | 5795.58 | 19.815 | 5780.37 | 18.363 | 5768.09 | 14.062 | 5776.52 |
| | | 12.117 | 5797.84 | 16.54 | 5801.87 | 20.631 | 5795.35 | 19.813 | 5779.97 | 18.359 | 5767.65 | 14.061 | 5776.18 |
| | | 12.055 | 5797.44 | 16.467 | 5801.27 | 20.628 | 5795.18 | 19.811 | 5779.67 | 18.356 | 5767.18 | 14.06 | 5775.71 |
| | | 11.97 | 5797.03 | 16.362 | 5800.74 | 20.626 | 5794.92 | 19.81 | 5779.17 | 18.354 | 5766.68 | 14.059 | 5775.38 |
| | | 11.923 | 5796.73 | 16.243 | 5800.20 | 20.625 | 5794.45 | 19.808 | 5778.80 | 18.352 | 5766.18 | 14.059 | 5775.01 |
| | | 11.849 | 5796.33 | 16.148 | 5799.67 | 20.622 | 5794.05 | 19.807 | 5778.47 | 18.351 | 5765.68 | 14.059 | 5774.64 |
| | | 11.802 | 5795.96 | 15.982 | 5799.00 | 20.619 | 5793.64 | 19.806 | 5778.13 | 18.35 | 5765.18 | 14.058 | 5774.31 |
| | | 11.757 | 5795.60 | 15.825 | 5798.60 | 20.594 | 5793.21 | 19.804 | 5777.86 | 18.348 | 5764.51 | 14.059 | 5773.97 |
| | | 11.705 | 5795.19 | 15.647 | 5798.03 | 20.512 | 5792.84 | 19.802 | 5777.56 | 18.348 | 5764.01 | 14.059 | 5773.67 |
| | | 11.632 | 5794.76 | 15.44 | 5797.39 | 20.362 | 5792.44 | 19.799 | 5777.23 | 18.345 | 5763.37 | 14.059 | 5773.31 |
| | | 11.566 | 5794.43 | 15.193 | 5796.92 | 20.21 | 5792.14 | 19.797 | 5776.93 | 18.341 | 5762.80 | 14.059 | 5773.00 |
| | | 11.503 | 5794.06 | 14.993 | 5796.35 | 20.064 | 5791.84 | 19.794 | 5776.63 | 18.339 | 5762.30 | 14.058 | 5772.70 |
| | | 11.438 | 5793.72 | 14.827 | 5795.89 | 19.908 | 5791.54 | 19.792 | 5776.39 | 18.336 | 5761.80 | 14.058 | 5772.40 |
| | | 11.354 | 5793.29 | 14.688 | 5795.38 | 19.776 | 5791.24 | 19.79 | 5776.16 | 18.334 | 5761.23 | 14.057 | 5772.03 |
| | | 11.285 | 5792.92 | 14.568 | 5794.92 | 19.672 | 5791.03 | 19.785 | 5775.76 | 18.331 | 5760.73 | 14.056 | 5771.73 |
| | | 11.21 | 5792.62 | 14.464 | 5794.48 | 19.584 | 5790.73 | 19.781 | 5775.39 | 18.328 | 5760.22 | 14.056 | 5771.43 |
| | | 11.131 | 5792.32 | 14.369 | 5794.25 | 19.459 | 5790.47 | 19.778 | 5775.15 | 18.326 | 5759.72 | 14.056 | 5771.13 |
| | | 11.008 | 5792.15 | 14.261 | 5793.81 | 19.29 | 5790.10 | 19.774 | 5774.79 | 18.324 | 5759.25 | 14.055 | 5770.70 |
| | | 10.833 | 5791.78 | 14.19 | 5793.44 | 19.107 | 5789.76 | 19.772 | 5774.38 | 18.323 | 5758.59 | 14.054 | 5770.46 |
| | | 10.785 | 5791.51 | 14.126 | 5793.18 | 18.905 | 5789.46 | 19.77 | 5774.12 | 18.321 | 5758.08 | 14.054 | 5770.09 |
| | | 10.714 | 5791.15 | 14.015 | 5792.84 | 18.669 | 5789.09 | 19.766 | 5773.72 | 18.321 | 5757.55 | 14.053 | 5769.69 |
| | | 10.661 | 5790.68 | 13.831 | 5792.47 | 18.387 | 5788.73 | 19.763 | 5773.45 | 18.32 | 5757.05 | 14.053 | 5769.49 |
| | | 10.622 | 5790.24 | 13.627 | 5792.14 | 18.181 | 5788.46 | 19.761 | 5773.01 | 18.32 | 5756.54 | 14.052 | 5769.16 |
| | | 10.576 | 5789.94 | 13.46 | 5791.77 | 17.879 | 5788.12 | 19.757 | 5772.74 | 18.319 | 5756.04 | 14.052 | 5768.72 |
| | | 10.517 | 5789.57 | 13.327 | 5791.47 | 17.482 | 5787.79 | 19.752 | 5772.51 | 18.319 | 5755.57 | 14.052 | 5768.45 |
| | | 10.425 | 5789.21 | 13.219 | 5791.07 | 17.166 | 5787.39 | 19.747 | 5772.08 | 18.317 | 5754.97 | 14.051 | 5767.99 |
| | | 10.341 | 5788.84 | 13.152 | 5790.73 | 16.986 | 5787.05 | 19.736 | 5771.67 | 18.315 | 5754.47 | 14.051 | 5767.69 |
| | | 10.277 | 5788.50 | 13.103 | 5790.37 | 16.896 | 5786.82 | 19.718 | 5771.37 | 18.311 | 5753.97 | 14.05 | 5767.35 |
| | | 10.21 | 5787.83 | 13.057 | 5789.93 | 16.798 | 5786.48 | 19.685 | 5771.07 | 18.306 | 5753.50 | 14.05 | 5767.05 |
| | | 10.153 | 5787.33 | 13.033 | 5789.56 | 16.732 | 5786.12 | 19.613 | 5770.64 | 18.302 | 5752.90 | 14.05 | 5766.75 |
| | | 10.059 | 5786.76 | 13.012 | 5789.16 | 16.672 | 5785.78 | 19.581 | 5770.44 | 18.298 | 5752.40 | 14.05 | 5766.35 |
| | | 9.954 | 5786.20 | 12.986 | 5788.73 | 16.583 | 5785.41 | 19.549 | 5770.10 | 18.294 | 5751.93 | 14.05 | 5766.01 |
| | | 9.854 | 5785.66 | 12.957 | 5788.33 | 16.512 | 5785.05 | 19.505 | 5769.80 | 18.291 | 5751.46 | 14.05 | 5765.71 |
| | | 9.741 | 5785.12 | 12.925 | 5787.82 | 16.444 | 5784.68 | 19.443 | 5769.40 | 18.288 | 5750.99 | 14.05 | 5765.41 |
| | | 9.623 | 5784.62 | 12.893 | 5787.39 | 16.406 | 5784.44 | 19.406 | 5769.13 | 18.285 | 5750.52 | 14.049 | 5764.98 |
| | | 9.51 | 5784.02 | 12.858 | 5786.99 | 16.315 | 5784.08 | 19.371 | 5768.76 | 18.282 | 5750.05 | 14.049 | 5764.67 |
| | | 9.394 | 5783.52 | 12.813 | 5786.49 | 16.199 | 5783.71 | 19.356 | 5768.46 | 18.278 | 5749.59 | 14.049 | 5764.37 |
| | | 9.298 | 5783.02 | 12.736 | 5786.08 | 16.105 | 5783.37 | 19.33 | 5768.06 | 18.274 | 5749.12 | 14.049 | 5764.07 |
| | | 9.207 | 5782.58 | 12.605 | 5785.65 | 16.044 | 5783.17 | 19.297 | 5767.73 | 18.27 | 5748.68 | 14.05 | 5763.74 |
| | | 9.092 | 5782.01 | 12.352 | 5785.11 | 15.908 | 5782.84 | 19.25 | 5767.43 | 18.266 | 5748.21 | 14.05 | 5763.40 |
| | | 9.017 | 5781.61 | 12.162 | 5784.65 | 15.809 | 5782.47 | 19.178 | 5767.06 | 18.263 | 5747.61 | 14.049 | 5763.00 |
| | | 8.947 | 5781.21 | 11.93 | 5784.08 | 15.739 | 5782.10 | 19.115 | 5766.69 | 18.259 | 5747.08 | 14.049 | 5762.53 |
| | | 8.897 | 5780.91 | 11.735 | 5783.61 | 15.686 | 5781.73 | 19.042 | 5766.39 | 18.254 | 5746.64 | 14.048 | 5762.23 |
| | | 8.849 | 5780.57 | 11.548 | 5783.14 | 15.641 | 5781.37 | 18.986 | 5766.09 | 18.25 | 5746.17 | 14.048 | 5761.90 |
| | | 8.81 | 5780.27 | 11.389 | 5782.70 | 15.595 | 5781.03 | 18.914 | 5765.72 | 18.242 | 5745.71 | 14.048 | 5761.56 |
| | | 8.779 | 5779.91 | 11.244 | 5782.27 | 15.563 | 5780.73 | 18.859 | 5765.49 | 18.233 | 5745.24 | 14.046 | 5761.23 |
| | | 8.753 | 5779.54 | 11.1 | 5781.80 | 15.527 | 5780.43 | 18.782 | 5765.12 | 18.224 | 5744.77 | 14.046 | 5760.89 |
| | | 8.726 | 5779.20 | 10.919 | 5781.37 | 15.413 | 5780.03 | 18.699 | 5764.72 | 18.215 | 5744.33 | 14.046 | 5760.69 |
| | | 8.696 | 5778.83 | 10.739 | 5780.93 | 15.297 | 5779.79 | 18.62 | 5764.31 | 18.208 | 5743.87 | 14.045 | 5760.46 |
| | | 8.663 | 5778.53 | 10.557 | 5780.46 | 15.204 | 5779.46 | 18.546 | 5764.05 | 18.202 | 5743.40 | 14.045 | 5760.12 |
| | | 8.618 | 5778.10 | 10.34 | 5779.83 | 15.094 | 5779.02 | 18.452 | 5763.75 | 18.195 | 5742.93 | 14.045 | 5759.66 |
| | | 8.589 | 5777.80 | 10.165 | 5779.36 | 15.012 | 5778.66 | 18.339 | 5763.41 | 18.184 | 5742.36 | 14.045 | 5759.39 |
| | | 8.565 | 5777.60 | 9.947 | 5778.89 | 14.931 | 5778.36 | 18.171 | 5763.08 | 18.175 | 5741.89 | 14.044 | 5759.05 |
| | | 8.547 | 5777.40 | 9.747 | 5778.46 | 14.868 | 5778.05 | 17.887 | 5762.71 | 18.163 | 5741.42 | 14.044 | 5758.69 |

Lower Bear River Reservoir near Dam (LBR1) Monthly Temperature Profiles

Table C2-1

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 8.518 | 5777.10 | 9.589 | 5778.02 | 14.779 | 5777.69 | 17.626 | 5762.31 | 18.148 | 5740.99 | 14.044 | 5758.42 |
| | | 8.473 | 5776.76 | 9.468 | 5777.65 | 14.718 | 5777.42 | 17.52 | 5762.11 | 18.128 | 5740.52 | 14.044 | 5757.98 |
| | | 8.418 | 5776.43 | 9.37 | 5777.25 | 14.622 | 5776.95 | 17.423 | 5761.74 | 18.105 | 5740.02 | 14.044 | 5757.78 |
| | | 8.351 | 5775.96 | 9.273 | 5776.78 | 14.524 | 5776.52 | 17.353 | 5761.34 | 18.077 | 5739.52 | 14.044 | 5757.21 |
| | | 8.318 | 5775.62 | 9.213 | 5776.52 | 14.393 | 5776.28 | 17.3 | 5761.07 | 18.055 | 5739.05 | 14.044 | 5756.91 |
| | | 8.284 | 5775.22 | 9.172 | 5776.25 | 14.269 | 5775.95 | 17.189 | 5760.73 | 18.029 | 5738.61 | 14.044 | 5756.65 |
| | | 8.24 | 5774.85 | 9.142 | 5775.95 | 14.156 | 5775.75 | 17.061 | 5760.40 | 18 | 5738.18 | 14.044 | 5756.31 |
| | | 8.18 | 5774.42 | 9.107 | 5775.55 | 14.003 | 5775.34 | 16.946 | 5760.13 | 17.968 | 5737.71 | 14.044 | 5756.01 |
| | | 8.107 | 5774.02 | 9.071 | 5775.21 | 13.935 | 5775.04 | 16.713 | 5759.76 | 17.925 | 5737.14 | 14.043 | 5755.74 |
| | | 8.038 | 5773.62 | 9.005 | 5774.84 | 13.828 | 5774.74 | 16.54 | 5759.30 | 17.858 | 5736.71 | 14.043 | 5755.37 |
| | | 7.977 | 5773.21 | 8.918 | 5774.47 | 13.728 | 5774.41 | 16.468 | 5759.03 | 17.751 | 5736.27 | 14.042 | 5755.07 |
| | | 7.925 | 5772.81 | 8.836 | 5774.11 | 13.631 | 5774.07 | 16.347 | 5758.66 | 17.648 | 5735.84 | 14.041 | 5754.70 |
| | | 7.877 | 5772.34 | 8.752 | 5773.74 | 13.528 | 5773.74 | 16.263 | 5758.36 | 17.556 | 5735.37 | 14.041 | 5754.20 |
| | | 7.824 | 5771.78 | 8.669 | 5773.34 | 13.458 | 5773.37 | 16.135 | 5757.96 | 17.434 | 5734.93 | 14.041 | 5753.90 |
| | | 7.786 | 5771.37 | 8.594 | 5772.90 | 13.418 | 5773.04 | 16.047 | 5757.66 | 17.219 | 5734.50 | 14.04 | 5753.57 |
| | | 7.736 | 5770.97 | 8.53 | 5772.53 | 13.398 | 5772.73 | 15.912 | 5757.26 | 16.943 | 5734.06 | 14.04 | 5753.27 |
| | | 7.675 | 5770.57 | 8.476 | 5772.13 | 13.373 | 5772.33 | 15.823 | 5756.99 | 16.667 | 5733.59 | 14.04 | 5752.93 |
| | | 7.612 | 5770.17 | 8.426 | 5771.76 | 13.34 | 5772.00 | 15.691 | 5756.69 | 16.43 | 5733.16 | 14.039 | 5752.60 |
| | | 7.554 | 5769.74 | 8.376 | 5771.23 | 13.309 | 5771.70 | 15.508 | 5756.52 | 16.234 | 5732.69 | 14.039 | 5752.26 |
| | | 7.496 | 5769.27 | 8.342 | 5770.79 | 13.241 | 5771.30 | 15.386 | 5756.02 | 15.98 | 5732.06 | 14.039 | 5751.86 |
| | | 7.461 | 5768.93 | 8.317 | 5770.46 | 13.196 | 5771.10 | 15.33 | 5755.65 | 15.814 | 5731.62 | 14.039 | 5751.56 |
| | | 7.435 | 5768.66 | 8.294 | 5770.06 | 13.108 | 5770.76 | 15.274 | 5755.35 | 15.675 | 5731.19 | 14.038 | 5751.29 |
| | | 7.409 | 5768.33 | 8.279 | 5769.66 | 13.023 | 5770.43 | 15.19 | 5755.01 | 15.574 | 5730.75 | 14.038 | 5750.96 |
| | | 7.372 | 5768.00 | 8.267 | 5769.26 | 12.949 | 5770.09 | 15.076 | 5754.58 | 15.485 | 5730.32 | 14.038 | 5750.66 |
| | | 7.31 | 5767.56 | 8.254 | 5768.89 | 12.891 | 5769.76 | 15.008 | 5754.38 | 15.378 | 5729.85 | 14.037 | 5750.29 |
| | | 7.253 | 5767.29 | 8.239 | 5768.52 | 12.811 | 5769.29 | 14.92 | 5754.04 | 15.261 | 5729.45 | 14.037 | 5749.99 |
| | | 7.206 | 5766.96 | 8.226 | 5768.12 | 12.747 | 5768.99 | 14.839 | 5753.71 | 15.152 | 5729.01 | 14.037 | 5749.65 |
| | | 7.172 | 5766.59 | 8.189 | 5767.72 | 12.703 | 5768.75 | 14.755 | 5753.34 | 15.049 | 5728.58 | 14.037 | 5749.32 |
| | | 7.14 | 5766.26 | 8.12 | 5767.32 | 12.587 | 5768.25 | 14.677 | 5753.04 | 14.953 | 5728.14 | 14.037 | 5748.98 |
| | | 7.106 | 5765.89 | 8.049 | 5766.81 | 12.491 | 5768.02 | 14.589 | 5752.67 | 14.868 | 5727.71 | 14.037 | 5748.65 |
| | | 7.067 | 5765.52 | 8.009 | 5766.48 | 12.338 | 5767.58 | 14.543 | 5752.37 | 14.767 | 5727.14 | 14.036 | 5748.31 |
| | | 7.027 | 5765.15 | 7.969 | 5766.08 | 12.216 | 5767.28 | 14.497 | 5752.00 | 14.708 | 5726.74 | 14.036 | 5747.98 |
| | | 6.991 | 5764.75 | 7.932 | 5765.71 | 12.088 | 5766.98 | 14.458 | 5751.74 | 14.664 | 5726.30 | 14.036 | 5747.65 |
| | | 6.963 | 5764.45 | 7.903 | 5765.31 | 11.962 | 5766.68 | 14.399 | 5751.37 | 14.627 | 5725.87 | 14.036 | 5747.28 |
| | | 6.942 | 5764.22 | 7.879 | 5764.94 | 11.793 | 5766.28 | 14.34 | 5751.00 | 14.59 | 5725.43 | 14.036 | 5746.84 |
| | | 6.922 | 5763.81 | 7.845 | 5764.51 | 11.661 | 5765.94 | 14.285 | 5750.60 | 14.542 | 5724.96 | 14.036 | 5746.44 |
| | | 6.91 | 5763.55 | 7.811 | 5764.14 | 11.557 | 5765.68 | 14.236 | 5750.40 | 14.498 | 5724.56 | 14.036 | 5746.11 |
| | | 6.898 | 5763.31 | 7.775 | 5763.77 | 11.426 | 5765.31 | 14.136 | 5750.06 | 14.448 | 5724.13 | 14.036 | 5745.74 |
| | | 6.885 | 5762.94 | 7.738 | 5763.47 | 11.323 | 5765.01 | 14.067 | 5749.66 | 14.397 | 5723.73 | 14.036 | 5745.40 |
| | | 6.876 | 5762.68 | 7.697 | 5763.17 | 11.219 | 5764.67 | 14.005 | 5749.43 | 14.348 | 5723.29 | 14.036 | 5745.10 |
| | | 6.867 | 5762.31 | 7.648 | 5762.73 | 11.113 | 5764.24 | 13.953 | 5749.09 | 14.301 | 5722.86 | 14.036 | 5744.87 |
| | | 6.86 | 5761.91 | 7.613 | 5762.40 | 11.032 | 5764.00 | 13.92 | 5748.69 | 14.241 | 5722.32 | 14.036 | 5744.57 |
| | | 6.854 | 5761.61 | 7.576 | 5762.13 | 10.906 | 5763.60 | 13.895 | 5748.36 | 14.197 | 5721.92 | 14.036 | 5744.27 |
| | | 6.844 | 5761.27 | 7.542 | 5761.80 | 10.817 | 5763.33 | 13.859 | 5748.02 | 14.147 | 5721.48 | 14.035 | 5743.97 |
| | | 6.835 | 5760.97 | 7.513 | 5761.43 | 10.68 | 5762.90 | 13.807 | 5747.59 | 14.095 | 5721.05 | 14.035 | 5743.63 |
| | | 6.82 | 5760.60 | 7.489 | 5761.13 | 10.579 | 5762.73 | 13.768 | 5747.35 | 14.054 | 5720.65 | 14.035 | 5743.30 |
| | | 6.811 | 5760.30 | 7.472 | 5760.83 | 10.418 | 5762.26 | 13.7 | 5747.02 | 14.023 | 5720.21 | 14.034 | 5742.90 |
| | | 6.801 | 5760.00 | 7.459 | 5760.46 | 10.329 | 5762.03 | 13.634 | 5746.65 | 13.996 | 5719.81 | 14.034 | 5742.73 |
| | | 6.793 | 5759.70 | 7.441 | 5760.12 | 10.208 | 5761.66 | 13.577 | 5746.32 | 13.973 | 5719.38 | 14.034 | 5742.49 |
| | | 6.784 | 5759.36 | 7.42 | 5759.82 | 10.091 | 5761.26 | 13.514 | 5746.01 | 13.948 | 5718.97 | 14.034 | 5742.03 |
| | | 6.772 | 5759.03 | 7.404 | 5759.49 | 10.017 | 5761.03 | 13.431 | 5745.65 | 13.919 | 5718.54 | 14.033 | 5741.66 |
| | | 6.769 | 5758.63 | 7.385 | 5758.95 | 9.907 | 5760.59 | 13.335 | 5745.28 | 13.871 | 5718.04 | 14.033 | 5741.39 |
| | | 6.765 | 5758.29 | 7.374 | 5758.62 | 9.822 | 5760.26 | 13.256 | 5745.04 | 13.79 | 5717.47 | 14.033 | 5740.89 |
| | | 6.762 | 5757.99 | 7.365 | 5758.25 | 9.769 | 5759.99 | 13.132 | 5744.74 | 13.717 | 5717.03 | 14.033 | 5740.59 |
| | | 6.759 | 5757.56 | 7.358 | 5757.85 | 9.699 | 5759.65 | 13.016 | 5744.34 | 13.642 | 5716.63 | 14.033 | 5740.15 |
| | | 6.755 | 5757.12 | 7.352 | 5757.55 | 9.644 | 5759.32 | 12.966 | 5743.97 | 13.565 | 5716.23 | 14.033 | 5739.85 |
| | | 6.751 | 5756.82 | 7.348 | 5757.25 | 9.587 | 5758.98 | 12.919 | 5743.64 | 13.474 | 5715.80 | 14.033 | 5739.48 |
| | | 6.745 | 5756.49 | 7.344 | 5756.91 | 9.534 | 5758.65 | 12.866 | 5743.27 | 13.384 | 5715.39 | 14.032 | 5739.15 |
| | | 6.738 | 5756.12 | 7.34 | 5756.51 | 9.501 | 5758.35 | 12.816 | 5743.00 | 13.311 | 5714.96 | 14.032 | 5738.78 |
| | | 6.731 | 5755.75 | 7.333 | 5756.21 | 9.456 | 5758.01 | 12.748 | 5742.57 | 13.253 | 5714.53 | 14.032 | 5738.48 |
| | | 6.726 | 5755.38 | 7.323 | 5755.87 | 9.415 | 5757.61 | 12.697 | 5742.33 | 13.198 | 5714.12 | 14.032 | 5738.18 |
| | | 6.722 | 5755.05 | 7.312 | 5755.47 | 9.371 | 5757.31 | 12.612 | 5741.90 | 13.121 | 5713.69 | 14.031 | 5737.88 |
| | | 6.715 | 5754.65 | 7.297 | 5755.00 | 9.325 | 5756.88 | 12.539 | 5741.56 | 13.029 | 5713.29 | 14.031 | 5737.54 |
| | | 6.708 | 5754.28 | 7.287 | 5754.57 | 9.276 | 5756.54 | 12.487 | 5741.30 | 12.895 | 5712.75 | 14.03 | 5737.17 |
| | | 6.7 | 5753.91 | 7.279 | 5754.27 | 9.235 | 5756.21 | 12.421 | 5740.93 | 12.791 | 5712.35 | 14.03 | 5736.84 |
| | | 6.692 | 5753.58 | 7.271 | 5753.90 | 9.188 | 5755.91 | 12.369 | 5740.63 | 12.673 | 5711.92 | 14.029 | 5736.44 |
| | | 6.682 | 5753.17 | 7.264 | 5753.53 | 9.136 | 5755.57 | 12.328 | 5740.33 | 12.56 | 5711.48 | 14.029 | 5736.14 |
| | | 6.675 | 5752.74 | 7.254 | 5753.06 | 9.073 | 5755.24 | 12.269 | 5740.13 | 12.439 | 5711.01 | 14.028 | 5735.74 |
| | | 6.669 | 5752.37 | 7.247 | 5752.73 | 9.024 | 5754.97 | 12.22 | 5739.62 | 12.351 | 5710.58 | 14.028 | 5735.40 |
| | | 6.663 | 5752.00 | 7.242 | 5752.36 | 8.979 | 5754.67 | 12.19 | 5739.32 | 12.274 | 5710.18 | 14.027 | 5735.03 |
| | | 6.661 | 5751.67 | 7.239 | 5751.99 | 8.895 | 5754.23 | 12.149 | 5738.96 | 12.181 | 5709.77 | 14.026 | 5734.67 |
| | | 6.659 | 5751.37 | 7.234 | 5751.62 | 8.857 | 5753.97 | 12.101 | 5738.55 | 12.054 | 5709.34 | 14.025 | 5734.33 |
| | | 6.654 | 5751.03 | 7.229 | 5751.29 | 8.791 | 5753.46 | 12.064 | 5738.29 | 11.91 | 5708.94 | 14.025 | 5734.00 |
| | | 6.648 | 5750.73 | 7.223 | 5750.86 | 8.752 | 5753.20 | 12.007 | 5737.95 | 11.756 | 5708.54 | 14.023 | 5733.69 |
| | | 6.639 | 5750.46 | 7.222 | 5750.52 | 8.718 | 5752.93 | 11.945 | 5737.58 | 11.557 | 5708.00 | 14.021 | 5733.43 |
| | | 6.632 | 5750.16 | 7.22 | 5750.22 | 8.685 | 5752.63 | 11.867 | 5737.12 | 11.413 | 5707.60 | 14.02 | 5733.16 |
| | | 6.626 | 5749.90 | 7.218 | 5749.92 | 8.64 | 5752.23 | 11.823 | 5736.85 | 11.271 | 5707.20 | 14.019 | 5732.79 |
| | | 6.618 | 5749.53 | 7.217 | 5749.58 | 8.611 | 5751.96 | 11.781 | 5736.65 | 11.13 | 5706.80 | 14.018 | 5732.49 |
| | | 6.613 | 5749.19 | 7.216 | 5749.22 | 8.572 | 5751.66 | 11.72 | 5736.35 | 10.978 | 5706.40 | 14.017 | 5732.26 |
| | | 6.611 | 5748.86 | 7.214 | 5748.95 | 8.54 | 5751.29 | 11.653 | 5735.91 | 10.796 | 5705.96 | 14.016 | 5731.99 |
| | | 6.608 | 5748.52 | 7.213 | 5748.48 | 8.511 | 5750.92 | 11.606 | 5735.58 | 10.582 | 5705.56 | 14.015 | 5731.75 |
| | | 6.604 | 5748.19 | 7.214 | 5748.18 | 8.485 | 5750.55 | 11.556 | 5735.21 | 10.375 | 5705.16 | 14.013 | 5731.19 |
| | | 6.599 | 5747.89 | 7.215 | 5747.91 | 8.464 | 5750.25 | 11.513 | 5734.97 | 10.182 | 5704.72 | 14.013 | 5730.68 |
| | | 6.592 | 5747.45 | 7.212 | 5747.51 | 8.437 | 5749.85 | 11.421 | 5734.47 | 9.973 | 5704.25 | 14.013 | 5730.35 |
| | | 6.586 | 5747.15 | 7.211 | 5747.21 | 8.414 | 5749.65 | 11.373 | 5734.24 | 9.821 | 5703.85 | 14.013 | 5730.08 |
| | | 6.579 | 5746.82 | 7.21 | 5746.94 | 8.385 | 5749.18 | 11.314 | 5733.90 | 9.655 | 5703.32 | 14.013 | 5729.91 |
| | | 6.569 | 5746.48 | 7.208 | 5746.54 | 8.367 | 5748.95 | 11.26 | 5733.57 | 9.545 | 5702.92 | 14.013 | 5729.51 |
| | | 6.557 | 5746.18 | 7.203 | 5746.27 | 8.342 | 5748.51 | 11.214 | 5733.27 | 9.444 | 5702.51 | 14.013 | 5729.14 |
| | | 6.539 | 5745.78 | 7.199 | 5745.87 | 8.328 | 5748.21 | 11.179 | 5732.93 | 9.327 | 5702.11 | 14.013 | 5728.88 |
| | | 6.525 | 5745.41 | 7.195 | 5745.57 | 8.314 | 5747.91 | 11.152 | 5732.63 | 9.209 | 5701.71 | 14.013 | 5728.64 |
| | | 6.514 | 5745.11 | 7.189 | 5745.13 | 8.3 | 5747.58 | 11.123 | 5732.26 | 9.098 | 5701.31 | 14.013 | 5728.24 |
| | | 6.505 | 5744.81 | 7.187 | 5744.90 | 8.281 | 5747.14 | 11.093 | 5731.96 | 8.994 | 5700.91 | 14.013 | 5727.87 |
| | | 6.497 | 5744.48 | 7.183 | 5744.57 | 8.266 | 5746.84 | 11.06 | 5731.56 | 8.892 | 5700.51 | 14.014 | 5727.30 |

Lower Bear River Reservoir near Dam (LBR1) Monthly Temperature Profiles

Table C2-1

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6.49 | 5744.21 | 7.184 | 5744.33 | 8.249 | 5746.51 | 11.042 | 5731.29 | 8.795 | 5700.14 | 14.012 | 5726.94 |
| | | 6.482 | 5743.81 | 7.179 | 5744.00 | 8.234 | 5746.17 | 11.015 | 5730.93 | 8.7 | 5699.74 | 14.012 | 5726.60 |
| | | 6.478 | 5743.51 | 7.176 | 5743.60 | 8.22 | 5745.84 | 10.99 | 5730.52 | 8.618 | 5699.34 | 14.012 | 5726.03 |
| | | 6.475 | 5743.24 | 7.172 | 5743.16 | 8.207 | 5745.54 | 10.974 | 5730.26 | 8.51 | 5698.83 | 14.011 | 5725.60 |
| | | 6.47 | 5742.80 | 7.171 | 5742.86 | 8.197 | 5745.23 | 10.955 | 5729.86 | 8.429 | 5698.43 | 14.011 | 5725.13 |
| | | 6.467 | 5742.40 | 7.169 | 5742.56 | 8.188 | 5744.93 | 10.939 | 5729.59 | 8.355 | 5698.03 | 14.01 | 5724.70 |
| | | 6.464 | 5742.03 | 7.166 | 5742.06 | 8.177 | 5744.53 | 10.912 | 5729.19 | 8.279 | 5697.56 | 14.011 | 5724.33 |
| | | 6.463 | 5741.73 | 7.16 | 5741.72 | 8.165 | 5744.26 | 10.893 | 5728.92 | 8.226 | 5697.20 | 14.011 | 5724.09 |
| | | 6.46 | 5741.43 | 7.156 | 5741.39 | 8.154 | 5743.93 | 10.864 | 5728.58 | 8.172 | 5696.79 | 14.01 | 5723.76 |
| | | 6.456 | 5741.13 | 7.151 | 5741.02 | 8.138 | 5743.49 | 10.832 | 5728.22 | 8.119 | 5696.39 | 14.009 | 5723.36 |
| | | 6.452 | 5740.80 | 7.146 | 5740.65 | 8.125 | 5743.23 | 10.81 | 5727.95 | 8.076 | 5695.99 | 14.009 | 5722.82 |
| | | 6.447 | 5740.50 | 7.142 | 5740.28 | 8.113 | 5742.89 | 10.773 | 5727.61 | 8.031 | 5695.62 | 14.009 | 5722.45 |
| | | 6.44 | 5740.19 | 7.139 | 5739.92 | 8.095 | 5742.56 | 10.728 | 5727.25 | 7.984 | 5695.22 | 14.009 | 5722.15 |
| | | 6.435 | 5739.89 | 7.137 | 5739.55 | 8.086 | 5742.29 | 10.685 | 5726.91 | 7.941 | 5694.82 | 14.009 | 5721.75 |
| | | 6.43 | 5739.56 | 7.135 | 5739.15 | 8.072 | 5741.96 | 10.64 | 5726.54 | 7.887 | 5694.32 | 14.009 | 5721.28 |
| | | 6.425 | 5739.16 | 7.135 | 5738.78 | 8.061 | 5741.59 | 10.607 | 5726.34 | 7.851 | 5693.95 | 14.008 | 5720.98 |
| | | 6.419 | 5738.76 | 7.134 | 5738.41 | 8.051 | 5741.22 | 10.57 | 5725.97 | 7.816 | 5693.55 | 14.007 | 5720.61 |
| | | 6.415 | 5738.45 | 7.133 | 5737.91 | 8.043 | 5740.92 | 10.538 | 5725.61 | 7.783 | 5693.15 | 14.005 | 5720.25 |
| | | 6.409 | 5738.12 | 7.134 | 5737.51 | 8.032 | 5740.42 | 10.512 | 5725.31 | 7.749 | 5692.75 | 14.003 | 5719.81 |
| | | 6.403 | 5737.82 | 7.132 | 5737.17 | 8.025 | 5740.08 | 10.476 | 5724.87 | 7.715 | 5692.34 | 14.001 | 5719.44 |
| | | 6.398 | 5737.52 | 7.128 | 5736.77 | 8.017 | 5739.75 | 10.44 | 5724.44 | 7.683 | 5691.98 | 14.001 | 5719.14 |
| | | 6.392 | 5737.22 | 7.121 | 5736.37 | 8.007 | 5739.41 | 10.419 | 5724.20 | 7.656 | 5691.61 | 13.999 | 5718.74 |
| | | 6.384 | 5736.88 | 7.106 | 5735.97 | 7.992 | 5739.05 | 10.395 | 5723.90 | 7.627 | 5691.14 | 13.998 | 5718.34 |
| | | 6.378 | 5736.55 | 7.092 | 5735.60 | 7.978 | 5738.71 | 10.358 | 5723.53 | 7.605 | 5690.74 | 13.996 | 5717.97 |
| | | 6.373 | 5736.25 | 7.081 | 5735.20 | 7.965 | 5738.38 | 10.322 | 5723.16 | 7.585 | 5690.37 | 13.996 | 5717.67 |
| | | 6.365 | 5735.78 | 7.072 | 5734.90 | 7.954 | 5738.07 | 10.29 | 5722.86 | 7.552 | 5689.84 | 13.996 | 5717.47 |
| | | 6.36 | 5735.34 | 7.065 | 5734.60 | 7.944 | 5737.77 | 10.265 | 5722.56 | 7.523 | 5689.43 | 13.995 | 5717.20 |
| | | 6.357 | 5735.08 | 7.058 | 5734.30 | 7.934 | 5737.47 | 10.231 | 5722.23 | 7.492 | 5689.07 | 13.994 | 5716.87 |
| | | 6.354 | 5734.74 | 7.053 | 5733.86 | 7.926 | 5737.27 | 10.189 | 5721.83 | 7.467 | 5688.66 | 13.993 | 5716.43 |
| | | 6.351 | 5734.41 | 7.049 | 5733.56 | 7.916 | 5736.90 | 10.169 | 5721.59 | 7.448 | 5688.30 | 13.991 | 5716.00 |
| | | 6.347 | 5734.11 | 7.047 | 5733.22 | 7.905 | 5736.57 | 10.145 | 5721.22 | 7.434 | 5687.89 | 13.992 | 5715.56 |
| | | 6.343 | 5733.80 | 7.045 | 5732.89 | 7.9 | 5736.23 | 10.129 | 5720.89 | 7.419 | 5687.49 | 13.991 | 5715.13 |
| | | 6.34 | 5733.47 | 7.034 | 5732.56 | 7.893 | 5735.90 | 10.118 | 5720.59 | 7.405 | 5687.13 | 13.991 | 5714.53 |
| | | 6.337 | 5733.14 | 7.022 | 5732.25 | 7.885 | 5735.47 | 10.105 | 5720.22 | 7.392 | 5686.72 | 13.989 | 5714.02 |
| | | 6.335 | 5732.87 | 7.011 | 5731.92 | 7.88 | 5735.20 | 10.093 | 5719.89 | 7.382 | 5686.36 | 13.988 | 5713.55 |
| | | 6.333 | 5732.53 | 6.997 | 5731.59 | 7.876 | 5734.90 | 10.076 | 5719.55 | 7.373 | 5685.99 | 13.987 | 5713.15 |
| | | 6.33 | 5732.10 | 6.98 | 5731.25 | 7.87 | 5734.56 | 10.057 | 5719.25 | 7.363 | 5685.45 | 13.984 | 5712.72 |
| | | 6.328 | 5731.70 | 6.967 | 5730.92 | 7.862 | 5734.13 | 10.043 | 5718.95 | 7.351 | 5685.05 | 13.983 | 5712.32 |
| | | 6.326 | 5731.33 | 6.957 | 5730.48 | 7.854 | 5733.73 | 10.021 | 5718.58 | 7.334 | 5684.62 | 13.981 | 5711.78 |
| | | 6.324 | 5731.06 | 6.947 | 5730.05 | 7.846 | 5733.42 | 9.992 | 5718.25 | 7.313 | 5684.21 | 13.979 | 5711.45 |
| | | 6.322 | 5730.76 | 6.941 | 5729.68 | 7.839 | 5733.22 | 9.952 | 5717.91 | 7.284 | 5683.81 | 13.969 | 5711.08 |
| | | 6.321 | 5730.46 | 6.938 | 5729.31 | 7.833 | 5732.92 | 9.885 | 5717.58 | 7.248 | 5683.45 | 13.957 | 5710.64 |
| | | 6.32 | 5730.19 | 6.935 | 5728.94 | 7.824 | 5732.52 | 9.843 | 5717.28 | 7.217 | 5683.04 | 13.943 | 5710.24 |
| | | 6.32 | 5729.79 | 6.933 | 5728.61 | 7.82 | 5732.22 | 9.804 | 5716.98 | 7.191 | 5682.68 | 13.925 | 5709.71 |
| | | 6.319 | 5729.49 | 6.932 | 5728.27 | 7.812 | 5731.79 | 9.764 | 5716.64 | 7.169 | 5682.27 | 13.915 | 5709.31 |
| | | 6.317 | 5729.19 | 6.931 | 5727.94 | 7.806 | 5731.48 | 9.701 | 5716.17 | 7.151 | 5681.91 | 13.905 | 5708.90 |
| | | 6.315 | 5728.89 | 6.93 | 5727.60 | 7.798 | 5731.25 | 9.668 | 5715.94 | 7.135 | 5681.54 | 13.877 | 5708.50 |
| | | 6.313 | 5728.35 | 6.928 | 5727.30 | 7.782 | 5730.88 | 9.62 | 5715.57 | 7.117 | 5681.00 | 13.811 | 5708.10 |
| | | 6.311 | 5728.05 | 6.926 | 5726.97 | 7.765 | 5730.61 | 9.576 | 5715.20 | 7.104 | 5680.63 | 13.736 | 5707.70 |
| | | 6.31 | 5727.75 | 6.924 | 5726.63 | 7.741 | 5730.21 | 9.54 | 5714.90 | 7.091 | 5680.23 | 13.651 | 5707.27 |
| | | 6.309 | 5727.45 | 6.921 | 5726.20 | 7.724 | 5729.91 | 9.5 | 5714.50 | 7.079 | 5679.87 | 13.406 | 5706.83 |
| | | 6.309 | 5727.18 | 6.92 | 5725.90 | 7.709 | 5729.54 | 9.467 | 5714.16 | 7.066 | 5679.50 | 13.053 | 5706.43 |
| | | 6.307 | 5726.78 | 6.918 | 5725.56 | 7.694 | 5729.14 | 9.43 | 5713.86 | 7.054 | 5679.10 | 12.743 | 5706.03 |
| | | 6.305 | 5726.48 | 6.916 | 5725.23 | 7.684 | 5728.84 | 9.384 | 5713.60 | 7.042 | 5678.73 | 12.481 | 5705.63 |
| | | 6.301 | 5726.11 | 6.915 | 5724.83 | 7.67 | 5728.41 | 9.286 | 5713.16 | 7.027 | 5678.29 | 12.116 | 5705.02 |
| | | 6.298 | 5725.81 | 6.915 | 5724.49 | 7.662 | 5728.11 | 9.227 | 5712.86 | 7.013 | 5677.93 | 11.836 | 5704.56 |
| | | 6.295 | 5725.54 | 6.913 | 5724.12 | 7.654 | 5727.84 | 9.178 | 5712.59 | 6.996 | 5677.56 | 11.512 | 5704.22 |
| | | 6.288 | 5724.97 | 6.911 | 5723.79 | 7.644 | 5727.47 | 9.111 | 5712.16 | 6.979 | 5677.16 | 11.218 | 5703.95 |
| | | 6.285 | 5724.67 | 6.906 | 5723.46 | 7.636 | 5727.17 | 9.048 | 5711.79 | 6.958 | 5676.69 | 10.972 | 5703.59 |
| | | 6.283 | 5724.37 | 6.901 | 5723.09 | 7.628 | 5726.90 | 9.011 | 5711.59 | 6.943 | 5676.29 | 10.735 | 5703.28 |
| | | 6.282 | 5724.04 | 6.898 | 5722.72 | 7.614 | 5726.53 | 8.933 | 5711.22 | 6.925 | 5675.92 | 10.546 | 5703.08 |
| | | 6.28 | 5723.70 | 6.891 | 5722.28 | 7.605 | 5726.23 | 8.867 | 5710.85 | 6.907 | 5675.55 | 10.421 | 5702.92 |
| | | 6.279 | 5723.37 | 6.881 | 5721.98 | 7.59 | 5725.83 | 8.822 | 5710.59 | 6.89 | 5675.18 | 10.256 | 5702.51 |
| | | 6.277 | 5723.07 | 6.872 | 5721.68 | 7.58 | 5725.53 | 8.75 | 5710.18 | 6.878 | 5674.81 | 10.106 | 5701.95 |
| | | 6.276 | 5722.76 | 6.864 | 5721.35 | 7.567 | 5725.16 | 8.689 | 5709.92 | 6.869 | 5674.45 | 10.033 | 5701.58 |
| | | 6.275 | 5722.43 | 6.857 | 5721.01 | 7.554 | 5724.93 | 8.612 | 5709.55 | 6.862 | 5674.08 | 9.951 | 5701.21 |
| | | 6.275 | 5722.09 | 6.852 | 5720.68 | 7.539 | 5724.53 | 8.602 | 5709.11 | 6.856 | 5673.71 | 9.836 | 5700.84 |
| | | 6.274 | 5721.79 | 6.849 | 5720.34 | 7.526 | 5724.12 | 8.59 | 5708.75 | 6.85 | 5673.34 | 9.697 | 5700.44 |
| | | 6.271 | 5721.43 | 6.846 | 5720.01 | 7.519 | 5723.86 | 8.573 | 5708.44 | 6.845 | 5672.97 | 9.565 | 5700.04 |
| | | 6.27 | 5721.09 | 6.846 | 5719.64 | 7.512 | 5723.52 | 8.556 | 5708.18 | 6.837 | 5672.47 | 9.444 | 5699.64 |
| | | 6.27 | 5720.72 | 6.844 | 5719.31 | 7.506 | 5723.19 | 8.53 | 5707.67 | 6.831 | 5672.00 | 9.323 | 5699.20 |
| | | 6.269 | 5720.39 | 6.843 | 5718.94 | 7.498 | 5722.72 | 8.504 | 5707.37 | 6.825 | 5671.64 | 9.237 | 5698.83 |
| | | 6.269 | 5720.12 | 6.842 | 5718.47 | 7.493 | 5722.45 | 8.474 | 5707.17 | 6.821 | 5671.27 | 9.159 | 5698.47 |
| | | 6.268 | 5719.79 | 6.842 | 5718.14 | 7.488 | 5722.12 | 8.431 | 5706.91 | 6.813 | 5670.87 | 9.082 | 5698.03 |
| | | 6.267 | 5719.49 | 6.842 | 5717.77 | 7.484 | 5721.88 | 8.368 | 5706.60 | 6.802 | 5670.50 | 8.971 | 5697.50 |
| | | 6.267 | 5719.15 | 6.842 | 5717.40 | 7.479 | 5721.51 | 8.279 | 5706.10 | 6.788 | 5670.10 | 8.877 | 5697.06 |
| | | 6.265 | 5718.72 | 6.841 | 5717.07 | 7.477 | 5721.21 | 8.266 | 5705.87 | 6.775 | 5669.66 | 8.781 | 5696.66 |
| | | 6.264 | 5718.38 | 6.839 | 5716.73 | 7.471 | 5720.78 | 8.232 | 5705.57 | 6.764 | 5669.23 | 8.696 | 5696.23 |
| | | 6.261 | 5718.01 | 6.838 | 5716.40 | 7.467 | 5720.51 | 8.175 | 5705.10 | 6.753 | 5668.79 | 8.625 | 5695.82 |
| | | 6.258 | 5717.71 | 6.837 | 5716.03 | 7.461 | 5720.18 | 8.119 | 5704.76 | 6.741 | 5668.36 | 8.566 | 5695.39 |
| | | 6.254 | 5717.41 | 6.835 | 5715.69 | 7.451 | 5719.88 | 8.083 | 5704.53 | 6.725 | 5667.79 | 8.515 | 5694.95 |
| | | 6.251 | 5717.11 | 6.832 | 5715.36 | 7.436 | 5719.47 | 8.032 | 5704.20 | 6.715 | 5667.39 | 8.466 | 5694.52 |
| | | 6.249 | 5716.84 | 6.83 | 5715.02 | 7.426 | 5719.14 | 7.976 | 5703.79 | 6.707 | 5666.95 | 8.419 | 5694.12 |
| | | 6.246 | 5716.37 | 6.824 | 5714.56 | 7.414 | 5718.77 | 7.933 | 5703.39 | 6.701 | 5666.52 | 8.379 | 5693.68 |
| | | 6.244 | 5716.04 | 6.821 | 5714.26 | 7.405 | 5718.47 | 7.9 | 5703.16 | 6.696 | 5666.08 | 8.34 | 5693.25 |
| | | 6.242 | 5715.74 | 6.817 | 5713.99 | 7.397 | 5718.17 | 7.871 | 5702.82 | 6.691 | 5665.68 | 8.286 | 5692.71 |
| | | 6.241 | 5715.37 | 6.806 | 5713.59 | 7.388 | 5717.80 | 7.829 | 5702.46 | 6.687 | 5665.21 | 8.222 | 5692.24 |
| | | 6.24 | 5715.07 | 6.799 | 5713.25 | 7.38 | 5717.43 | 7.799 | 5702.19 | 6.683 | 5664.81 | 8.149 | 5691.84 |
| | | 6.239 | 5714.73 | 6.795 | 5712.98 | 7.366 | 5717.10 | 7.756 | 5701.72 | 6.681 | 5664.41 | 8.07 | 5691.44 |
| | | 6.238 | 5714.33 | 6.791 | 5712.68 | 7.348 | 5716.76 | 7.728 | 5701.45 | 6.678 | 5664.04 | 8 | 5691.01 |
| | | 6.236 | 5714.00 | 6.789 | 5712.38 | 7.328 | 5716.46 | 7.686 | 5701.12 | 6.675 | 5663.64 | 7.939 | 5690.60 |
| | | 6.235 | 5713.70 | 6.788 | 5712.05 | 7.305 | 5716.03 | 7.649 | 5700.88 | 6.673 | 5663.17 | 7.88 | 5690.17 |
| | | 6.233 | 5713.40 | 6.787 | 5711.75 | 7.292 | 5715.69 | 7.558 | 5700.41 | 6.672 | 5662.80 | 7.821 | 5689.77 |

Lower Bear River Reservoir near Dam (LBR1) Monthly Temperature Profiles

Table C2-1

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6.232 | 5713.13 | 6.785 | 5711.45 | 7.281 | 5715.39 | 7.506 | 5700.18 | 6.669 | 5662.44 | 7.774 | 5689.33 |
| | | 6.231 | 5712.79 | 6.781 | 5710.88 | 7.271 | 5715.02 | 7.436 | 5699.71 | 6.668 | 5662.07 | 7.738 | 5688.90 |
| | | 6.23 | 5712.46 | 6.778 | 5710.58 | 7.261 | 5714.72 | 7.39 | 5699.41 | 6.665 | 5661.70 | 7.707 | 5688.50 |
| | | 6.229 | 5712.02 | 6.775 | 5710.27 | 7.252 | 5714.42 | 7.347 | 5699.08 | 6.663 | 5661.33 | 7.666 | 5687.93 |
| | | 6.229 | 5711.72 | 6.773 | 5709.97 | 7.243 | 5714.09 | 7.311 | 5698.84 | 6.663 | 5660.96 | 7.637 | 5687.49 |
| | | 6.229 | 5711.39 | 6.767 | 5709.64 | 7.233 | 5713.75 | 7.272 | 5698.41 | 6.661 | 5660.63 | 7.607 | 5687.06 |
| | | 6.229 | 5711.09 | 6.762 | 5709.30 | 7.223 | 5713.42 | 7.249 | 5698.14 | 6.659 | 5660.26 | 7.578 | 5686.62 |
| | | 6.228 | 5710.82 | 6.759 | 5709.04 | 7.214 | 5713.08 | 7.223 | 5697.81 | 6.655 | 5659.89 | 7.547 | 5686.19 |
| | | 6.227 | 5710.42 | 6.755 | 5708.70 | 7.206 | 5712.82 | 7.205 | 5697.47 | 6.651 | 5659.52 | 7.517 | 5685.75 |
| | | 6.227 | 5710.08 | | | 7.196 | 5712.35 | 7.178 | 5697.14 | 6.643 | 5658.99 | 7.486 | 5685.25 |
| | | 6.227 | 5709.72 | | | 7.19 | 5712.01 | 7.15 | 5696.80 | 6.638 | 5658.59 | 7.461 | 5684.78 |
| | | 6.226 | 5709.45 | | | 7.184 | 5711.75 | 7.121 | 5696.40 | 6.633 | 5658.22 | 7.438 | 5684.38 |
| | | 6.226 | 5709.15 | | | 7.178 | 5711.41 | 7.102 | 5696.07 | 6.627 | 5657.82 | 7.42 | 5683.98 |
| | | 6.225 | 5708.71 | | | 7.172 | 5711.11 | 7.084 | 5695.80 | 6.624 | 5657.48 | 7.398 | 5683.55 |
| | | 6.224 | 5708.41 | | | 7.164 | 5710.88 | 7.07 | 5695.46 | 6.62 | 5657.12 | 7.369 | 5683.01 |
| | | 6.223 | 5708.01 | | | 7.153 | 5710.47 | 7.048 | 5695.03 | 6.618 | 5656.71 | 7.349 | 5682.61 |
| | | 6.222 | 5707.71 | | | 7.143 | 5710.11 | 7.03 | 5694.69 | 6.615 | 5656.35 | 7.329 | 5682.21 |
| | | 6.222 | 5707.41 | | | 7.133 | 5709.74 | 7.008 | 5694.39 | 6.612 | 5655.95 | 7.304 | 5681.81 |
| | | 6.221 | 5707.07 | | | 7.124 | 5709.40 | 6.98 | 5694.09 | 6.608 | 5655.54 | 7.275 | 5681.37 |
| | | 6.221 | 5706.77 | | | 7.118 | 5709.10 | 6.952 | 5693.82 | 6.604 | 5655.18 | 7.246 | 5680.97 |
| | | 6.221 | 5706.34 | | | 7.109 | 5708.70 | 6.919 | 5693.46 | 6.6 | 5654.67 | 7.222 | 5680.57 |
| | | 6.219 | 5706.04 | | | 7.102 | 5708.40 | 6.902 | 5693.12 | 6.597 | 5654.34 | 7.2 | 5680.17 |
| | | 6.216 | 5705.70 | | | 7.097 | 5708.10 | 6.891 | 5692.69 | 6.594 | 5653.94 | 7.18 | 5679.77 |
| | | 6.213 | 5705.40 | | | 7.092 | 5707.80 | 6.883 | 5692.49 | 6.593 | 5653.57 | 7.165 | 5679.36 |
| | | 6.209 | 5705.10 | | | 7.084 | 5707.36 | 6.875 | 5692.08 | 6.591 | 5653.17 | 7.151 | 5678.96 |
| | | 6.207 | 5704.60 | | | 7.079 | 5707.03 | 6.87 | 5691.78 | 6.588 | 5652.70 | 7.128 | 5678.36 |
| | | 6.204 | 5704.30 | | | 7.074 | 5706.76 | 6.865 | 5691.32 | 6.588 | 5652.33 | 7.113 | 5677.96 |
| | | 6.202 | 5704.03 | | | 7.069 | 5706.49 | 6.863 | 5691.01 | 6.587 | 5651.96 | 7.098 | 5677.52 |
| | | 6.201 | 5703.76 | | | 7.061 | 5705.99 | 6.86 | 5690.71 | 6.587 | 5651.56 | 7.081 | 5677.16 |
| | | 6.2 | 5703.43 | | | 7.056 | 5705.72 | 6.855 | 5690.41 | 6.587 | 5651.19 | 7.066 | 5676.75 |
| | | 6.198 | 5702.96 | | | 7.053 | 5705.46 | 6.85 | 5690.18 | 6.583 | 5650.79 | 7.052 | 5676.35 |
| | | 6.197 | 5702.69 | | | 7.047 | 5705.02 | 6.842 | 5689.68 | 6.58 | 5650.29 | 7.037 | 5675.98 |
| | | 6.197 | 5702.39 | | | 7.042 | 5704.75 | 6.838 | 5689.41 | 6.576 | 5649.92 | 7.023 | 5675.58 |
| | | 6.197 | 5702.09 | | | 7.037 | 5704.49 | 6.834 | 5689.04 | 6.573 | 5649.52 | 7.009 | 5675.18 |
| | | 6.195 | 5701.69 | | | 7.026 | 5704.15 | 6.826 | 5688.74 | 6.57 | 5649.15 | 6.994 | 5674.81 |
| | | 6.194 | 5701.32 | | | 7.012 | 5703.75 | 6.812 | 5688.40 | 6.567 | 5648.79 | 6.977 | 5674.45 |
| | | 6.192 | 5701.02 | | | 6.999 | 5703.45 | 6.795 | 5688.04 | 6.565 | 5648.38 | 6.959 | 5673.98 |
| | | 6.191 | 5700.72 | | | 6.991 | 5703.15 | 6.785 | 5687.77 | 6.563 | 5648.02 | 6.947 | 5673.61 |
| | | 6.189 | 5700.42 | | | 6.982 | 5702.85 | 6.778 | 5687.43 | 6.562 | 5647.61 | 6.938 | 5673.24 |
| | | 6.186 | 5699.98 | | | 6.973 | 5702.51 | 6.768 | 5687.07 | 6.558 | 5647.25 | 6.929 | 5672.84 |
| | | 6.182 | 5699.68 | | | 6.961 | 5702.11 | 6.764 | 5686.80 | 6.555 | 5646.88 | 6.921 | 5672.47 |
| | | 6.175 | 5699.35 | | | 6.952 | 5701.81 | 6.76 | 5686.46 | 6.55 | 5646.44 | 6.912 | 5672.04 |
| | | 6.169 | 5699.04 | | | 6.942 | 5701.37 | 6.756 | 5686.10 | 6.544 | 5645.94 | 6.906 | 5671.67 |
| | | 6.164 | 5698.74 | | | 6.937 | 5701.11 | 6.754 | 5685.76 | 6.541 | 5645.57 | 6.899 | 5671.27 |
| | | 6.155 | 5698.31 | | | 6.929 | 5700.71 | 6.754 | 5685.36 | 6.539 | 5645.21 | 6.893 | 5670.90 |
| | | 6.15 | 5697.91 | | | 6.924 | 5700.47 | 6.754 | 5685.09 | 6.537 | 5644.80 | 6.887 | 5670.50 |
| | | 6.146 | 5697.61 | | | 6.913 | 5700.14 | 6.752 | 5684.72 | 6.535 | 5644.44 | 6.88 | 5670.13 |
| | | 6.143 | 5697.27 | | | 6.895 | 5699.80 | 6.75 | 5684.42 | 6.515 | 5644.10 | 6.871 | 5669.63 |
| | | 6.139 | 5697.00 | | | 6.877 | 5699.47 | 6.747 | 5684.12 | 6.477 | 5644.10 | 6.863 | 5669.26 |
| | | 6.137 | 5696.70 | | | 6.863 | 5699.10 | 6.745 | 5683.82 | 6.393 | 5643.80 | 6.855 | 5668.89 |
| | | 6.135 | 5696.37 | | | 6.849 | 5698.83 | 6.742 | 5683.62 | | | 6.848 | 5668.52 |
| | | 6.133 | 5696.03 | | | 6.837 | 5698.40 | 6.739 | 5683.09 | | | 6.841 | 5668.12 |
| | | 6.132 | 5695.73 | | | 6.827 | 5698.06 | 6.738 | 5682.75 | | | 6.834 | 5667.72 |
| | | 6.13 | 5695.26 | | | 6.821 | 5697.73 | 6.739 | 5682.38 | | | 6.827 | 5667.35 |
| | | 6.129 | 5694.96 | | | 6.818 | 5697.49 | 6.739 | 5682.01 | | | 6.822 | 5666.95 |
| | | 6.128 | 5694.66 | | | 6.815 | 5697.13 | 6.739 | 5681.75 | | | 6.815 | 5666.58 |
| | | 6.128 | 5694.26 | | | 6.812 | 5696.72 | 6.737 | 5681.48 | | | 6.809 | 5666.18 |
| | | 6.127 | 5693.89 | | | 6.81 | 5696.42 | 6.731 | 5681.14 | | | 6.801 | 5665.68 |
| | | 6.126 | 5693.59 | | | 6.804 | 5696.06 | 6.729 | 5680.71 | | | 6.793 | 5665.21 |
| | | 6.124 | 5693.29 | | | 6.8 | 5695.75 | 6.728 | 5680.41 | | | 6.787 | 5664.84 |
| | | 6.122 | 5692.99 | | | 6.792 | 5695.35 | 6.725 | 5680.07 | | | 6.781 | 5664.44 |
| | | 6.121 | 5692.65 | | | 6.788 | 5695.15 | 6.718 | 5679.61 | | | 6.775 | 5664.07 |
| | | 6.119 | 5692.39 | | | 6.784 | 5694.75 | 6.711 | 5679.24 | | | 6.77 | 5663.67 |
| | | 6.117 | 5691.95 | | | 6.78 | 5694.45 | 6.703 | 5678.87 | | | 6.765 | 5663.31 |
| | | 6.115 | 5691.65 | | | 6.777 | 5694.11 | 6.698 | 5678.54 | | | 6.76 | 5662.94 |
| | | 6.115 | 5691.35 | | | 6.773 | 5693.71 | 6.692 | 5678.27 | | | 6.753 | 5662.54 |
| | | 6.114 | 5690.98 | | | 6.766 | 5693.38 | 6.684 | 5678.00 | | | 6.746 | 5662.17 |
| | | 6.113 | 5690.68 | | | 6.762 | 5693.08 | 6.677 | 5677.80 | | | 6.74 | 5661.80 |
| | | 6.113 | 5690.41 | | | 6.754 | 5692.54 | 6.667 | 5677.36 | | | 6.734 | 5661.43 |
| | | 6.111 | 5689.98 | | | 6.751 | 5692.27 | 6.652 | 5677.03 | | | 6.726 | 5660.96 |
| | | 6.111 | 5689.68 | | | 6.749 | 5691.97 | 6.638 | 5676.63 | | | 6.722 | 5660.56 |
| | | 6.111 | 5689.41 | | | 6.747 | 5691.64 | 6.633 | 5676.43 | | | 6.718 | 5660.19 |
| | | 6.107 | 5689.01 | | | 6.743 | 5691.34 | 6.627 | 5675.96 | | | 6.715 | 5659.83 |
| | | 6.106 | 5688.71 | | | 6.737 | 5690.97 | 6.624 | 5675.52 | | | 6.711 | 5659.39 |
| | | 6.106 | 5688.34 | | | 6.732 | 5690.64 | 6.623 | 5675.12 | | | 6.708 | 5659.06 |
| | | 6.104 | 5688.07 | | | 6.727 | 5690.33 | 6.617 | 5674.72 | | | 6.704 | 5658.65 |
| | | 6.102 | 5687.64 | | | 6.723 | 5690.03 | 6.613 | 5674.32 | | | 6.7 | 5658.29 |
| | | 6.1 | 5687.37 | | | 6.718 | 5689.77 | 6.609 | 5673.92 | | | 6.697 | 5657.92 |
| | | 6.098 | 5687.00 | | | 6.707 | 5689.26 | 6.608 | 5673.58 | | | 6.694 | 5657.58 |
| | | 6.097 | 5686.67 | | | 6.702 | 5689.00 | 6.606 | 5673.25 | | | 6.689 | 5657.22 |
| | | 6.096 | 5686.30 | | | 6.698 | 5688.70 | 6.607 | 5673.02 | | | 6.684 | 5656.71 |
| | | 6.095 | 5686.03 | | | 6.693 | 5688.43 | 6.607 | 5672.75 | | | 6.68 | 5656.35 |
| | | 6.095 | 5685.63 | | | 6.687 | 5688.03 | 6.603 | 5672.38 | | | 6.676 | 5655.98 |
| | | 6.094 | 5685.36 | | | 6.684 | 5687.72 | 6.595 | 5672.08 | | | 6.672 | 5655.61 |
| | | 6.092 | 5684.93 | | | 6.68 | 5687.36 | 6.587 | 5671.68 | | | 6.669 | 5655.24 |
| | | 6.091 | 5684.63 | | | 6.676 | 5687.09 | 6.585 | 5671.31 | | | 6.666 | 5654.84 |
| | | 6.091 | 5684.36 | | | 6.67 | 5686.72 | 6.585 | 5670.94 | | | 6.664 | 5654.47 |
| | | 6.09 | 5683.96 | | | 6.663 | 5686.25 | 6.581 | 5670.57 | | | 6.662 | 5654.14 |
| | | 6.089 | 5683.69 | | | 6.66 | 5685.99 | 6.575 | 5670.20 | | | 6.661 | 5653.80 |
| | | 6.088 | 5683.39 | | | 6.656 | 5685.68 | 6.564 | 5669.64 | | | 6.66 | 5653.37 |
| | | 6.087 | 5683.02 | | | 6.654 | 5685.38 | 6.557 | 5669.30 | | | 6.659 | 5653.07 |
| | | 6.084 | 5682.62 | | | 6.651 | 5684.98 | 6.551 | 5669.03 | | | 6.658 | 5652.63 |
| | | 6.083 | 5682.32 | | | 6.649 | 5684.71 | 6.547 | 5668.73 | | | 6.658 | 5652.30 |

Lower Bear River Reservoir near Dam (LBR1) Monthly Temperature Profiles

Table C2-1

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6.081 | 5681.98 | | | 6.647 | 5684.41 | 6.541 | 5668.26 | | | 6.656 | 5651.93 |
| | | 6.08 | 5681.71 | | | 6.645 | 5684.04 | 6.539 | 5667.93 | | | 6.655 | 5651.60 |
| | | 6.08 | 5681.35 | | | 6.643 | 5683.64 | 6.538 | 5667.63 | | | 6.652 | 5651.26 |
| | | 6.08 | 5680.95 | | | 6.641 | 5683.38 | 6.537 | 5667.33 | | | 6.65 | 5650.93 |
| | | 6.08 | 5680.71 | | | 6.638 | 5683.01 | 6.536 | 5667.06 | | | 6.648 | 5650.59 |
| | | 6.078 | 5680.41 | | | 6.635 | 5682.71 | 6.532 | 5666.69 | | | 6.647 | 5650.26 |
| | | 6.078 | 5680.04 | | | 6.623 | 5682.34 | 6.527 | 5666.19 | | | 6.644 | 5649.92 |
| | | 6.077 | 5679.71 | | | 6.612 | 5682.07 | 6.525 | 5665.92 | | | 6.642 | 5649.56 |
| | | 6.078 | 5679.24 | | | 6.596 | 5681.67 | 6.523 | 5665.62 | | | 6.64 | 5649.22 |
| | | 6.078 | 5679.00 | | | 6.583 | 5681.37 | 6.522 | 5665.32 | | | 6.637 | 5648.75 |
| | | 6.079 | 5678.64 | | | 6.567 | 5680.97 | 6.524 | 5664.95 | | | 6.635 | 5648.38 |
| | | 6.079 | 5678.30 | | | 6.557 | 5680.67 | 6.526 | 5664.72 | | | 6.632 | 5648.02 |
| | | 6.077 | 5677.97 | | | 6.549 | 5680.33 | 6.527 | 5664.35 | | | 6.63 | 5647.61 |
| | | 6.077 | 5677.70 | | | 6.54 | 5679.96 | 6.528 | 5664.02 | | | 6.627 | 5647.28 |
| | | 6.076 | 5677.30 | | | 6.534 | 5679.70 | 6.528 | 5663.71 | | | 6.625 | 5646.91 |
| | | 6.076 | 5676.96 | | | 6.527 | 5679.29 | 6.527 | 5663.28 | | | 6.623 | 5646.51 |
| | | 6.075 | 5676.70 | | | 6.523 | 5679.03 | 6.528 | 5662.84 | | | 6.621 | 5646.14 |
| | | 6.074 | 5676.19 | | | 6.517 | 5678.63 | 6.528 | 5662.54 | | | 6.619 | 5645.81 |
| | | 6.075 | 5675.93 | | | 6.513 | 5678.36 | 6.526 | 5662.21 | | | 6.618 | 5645.44 |
| | | 6.074 | 5675.69 | | | 6.508 | 5677.96 | 6.522 | 5661.87 | | | 6.616 | 5645.07 |
| | | 6.075 | 5675.29 | | | 6.504 | 5677.72 | 6.52 | 5661.54 | | | 6.61 | 5644.60 |
| | | 6.076 | 5674.99 | | | 6.499 | 5677.35 | 6.518 | 5661.17 | | | 6.599 | 5644.27 |
| | | 6.076 | 5674.59 | | | 6.494 | 5676.95 | 6.516 | 5660.84 | | | 6.572 | 5644.07 |
| | | 6.076 | 5674.35 | | | 6.491 | 5676.72 | 6.514 | 5660.50 | | | | |
| | | 6.071 | 5673.99 | | | 6.487 | 5676.32 | 6.513 | 5660.17 | | | | |
| | | 6.066 | 5673.58 | | | 6.485 | 5676.05 | 6.512 | 5659.80 | | | | |
| | | 6.063 | 5673.25 | | | 6.484 | 5675.68 | 6.51 | 5659.43 | | | | |
| | | 6.061 | 5672.98 | | | 6.482 | 5675.35 | 6.509 | 5658.96 | | | | |
| | | 6.059 | 5672.65 | | | 6.481 | 5675.01 | 6.506 | 5658.53 | | | | |
| | | 6.057 | 5672.25 | | | 6.479 | 5674.61 | 6.505 | 5658.16 | | | | |
| | | 6.056 | 5672.01 | | | 6.477 | 5674.38 | 6.503 | 5657.83 | | | | |
| | | 6.054 | 5671.61 | | | 6.475 | 5673.97 | 6.501 | 5657.46 | | | | |
| | | 6.053 | 5671.34 | | | 6.473 | 5673.61 | 6.5 | 5657.12 | | | | |
| | | 6.052 | 5670.98 | | | 6.471 | 5673.37 | 6.499 | 5656.79 | | | | |
| | | 6.051 | 5670.64 | | | 6.468 | 5673.00 | 6.498 | 5656.45 | | | | |
| | | 6.05 | 5670.31 | | | 6.466 | 5672.64 | 6.497 | 5656.09 | | | | |
| | | 6.046 | 5669.90 | | | 6.464 | 5672.37 | 6.496 | 5655.72 | | | | |
| | | 6.045 | 5669.64 | | | 6.461 | 5671.97 | 6.496 | 5655.35 | | | | |
| | | 6.04 | 5669.27 | | | 6.458 | 5671.67 | 6.497 | 5654.88 | | | | |
| | | 6.036 | 5668.93 | | | 6.454 | 5671.16 | 6.496 | 5654.51 | | | | |
| | | 6.035 | 5668.67 | | | 6.452 | 5670.86 | 6.495 | 5654.15 | | | | |
| | | 6.033 | 5668.27 | | | 6.449 | 5670.56 | 6.494 | 5653.74 | | | | |
| | | 6.032 | 5667.93 | | | 6.447 | 5670.26 | 6.491 | 5653.38 | | | | |
| | | 6.031 | 5667.60 | | | 6.444 | 5669.96 | 6.489 | 5653.01 | | | | |
| | | 6.027 | 5667.30 | | | 6.44 | 5669.63 | 6.488 | 5652.61 | | | | |
| | | 6.024 | 5666.93 | | | 6.438 | 5669.32 | 6.488 | 5652.27 | | | | |
| | | 6.022 | 5666.59 | | | 6.435 | 5668.99 | 6.487 | 5651.87 | | | | |
| | | 6.021 | 5666.33 | | | 6.429 | 5668.56 | 6.486 | 5651.50 | | | | |
| | | 6.02 | 5665.96 | | | 6.426 | 5668.25 | 6.484 | 5651.14 | | | | |
| | | 6.019 | 5665.62 | | | 6.422 | 5667.95 | 6.479 | 5650.63 | | | | |
| | | 6.018 | 5665.29 | | | 6.421 | 5667.55 | 6.476 | 5650.23 | | | | |
| | | 6.016 | 5664.82 | | | 6.417 | 5667.28 | 6.471 | 5649.86 | | | | |
| | | 6.015 | 5664.55 | | | 6.413 | 5666.98 | 6.467 | 5649.50 | | | | |
| | | 6.014 | 5664.32 | | | 6.407 | 5666.55 | 6.463 | 5649.13 | | | | |
| | | 6.013 | 5663.98 | | | 6.402 | 5666.25 | 6.461 | 5648.76 | | | | |
| | | 6.012 | 5663.58 | | | 6.398 | 5665.98 | 6.461 | 5648.46 | | | | |
| | | 6.011 | 5663.31 | | | 6.396 | 5665.64 | 6.459 | 5648.12 | | | | |
| | | 6.01 | 5662.95 | | | 6.394 | 5665.24 | 6.456 | 5647.79 | | | | |
| | | 6.01 | 5662.58 | | | 6.393 | 5664.98 | 6.456 | 5647.42 | | | | |
| | | 6.01 | 5662.21 | | | 6.391 | 5664.67 | 6.451 | 5647.02 | | | | |
| | | 6.01 | 5661.81 | | | 6.388 | 5664.24 | 6.442 | 5646.45 | | | | |
| | | 6.009 | 5661.54 | | | 6.384 | 5663.94 | 6.438 | 5646.08 | | | | |
| | | 6.008 | 5661.31 | | | 6.382 | 5663.64 | 6.434 | 5645.72 | | | | |
| | | 6.008 | 5660.94 | | | 6.379 | 5663.20 | 6.426 | 5645.35 | | | | |
| | | 6.007 | 5660.57 | | | 6.378 | 5662.93 | 6.401 | 5645.11 | | | | |
| | | 6.007 | 5660.24 | | | 6.376 | 5662.67 | 6.31 | 5645.08 | | | | |
| | | 6.005 | 5659.90 | | | 6.375 | 5662.27 | | | | | | |
| | | 6.004 | 5659.63 | | | 6.374 | 5661.96 | | | | | | |
| | | 6.003 | 5659.20 | | | 6.374 | 5661.53 | | | | | | |
| | | 6.002 | 5658.96 | | | 6.373 | 5661.19 | | | | | | |
| | | 6.002 | 5658.63 | | | 6.373 | 5660.93 | | | | | | |
| | | 6.002 | 5658.30 | | | 6.371 | 5660.66 | | | | | | |
| | | 6.001 | 5657.93 | | | 6.368 | 5660.26 | | | | | | |
| | | 6 | 5657.59 | | | 6.367 | 5659.99 | | | | | | |
| | | 6 | 5657.26 | | | 6.366 | 5659.56 | | | | | | |
| | | 6.001 | 5656.92 | | | 6.365 | 5659.29 | | | | | | |
| | | 6.001 | 5656.49 | | | 6.363 | 5658.99 | | | | | | |
| | | 6.001 | 5656.22 | | | 6.361 | 5658.59 | | | | | | |
| | | 6 | 5655.92 | | | 6.359 | 5658.32 | | | | | | |
| | | 6 | 5655.62 | | | 6.357 | 5657.98 | | | | | | |
| | | 5.998 | 5655.25 | | | 6.355 | 5657.58 | | | | | | |
| | | 5.998 | 5654.98 | | | 6.354 | 5657.18 | | | | | | |
| | | 5.997 | 5654.62 | | | 6.353 | 5656.91 | | | | | | |
| | | 5.996 | 5654.25 | | | 6.352 | 5656.51 | | | | | | |
| | | 5.995 | 5653.91 | | | 6.352 | 5656.24 | | | | | | |
| | | 5.994 | 5653.58 | | | 6.352 | 5655.98 | | | | | | |
| | | 5.994 | 5653.21 | | | 6.351 | 5655.57 | | | | | | |
| | | 5.994 | 5652.98 | | | 6.349 | 5655.17 | | | | | | |
| | | 5.993 | 5652.61 | | | 6.347 | 5654.94 | | | | | | |
| | | 5.991 | 5652.24 | | | 6.346 | 5654.57 | | | | | | |
| | | 5.989 | 5651.84 | | | 6.344 | 5654.30 | | | | | | |
| | | 5.988 | 5651.60 | | | 6.34 | 5653.94 | | | | | | |
| | | 5.985 | 5651.27 | | | 6.337 | 5653.67 | | | | | | |

Lower Bear River Reservoir near Dam (LBR1) Monthly Temperature Profiles

Table C2-1

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5.984 | 5650.97 | | | 6.331 | 5653.20 | | | | | | |
| | | 5.983 | 5650.57 | | | 6.328 | 5652.93 | | | | | | |
| | | 5.982 | 5650.30 | | | 6.325 | 5652.50 | | | | | | |
| | | 5.982 | 5649.93 | | | 6.324 | 5652.26 | | | | | | |
| | | 5.984 | 5649.60 | | | 6.321 | 5651.86 | | | | | | |
| | | 5.985 | 5649.23 | | | 6.32 | 5651.63 | | | | | | |
| | | 5.984 | 5648.89 | | | 6.32 | 5651.26 | | | | | | |
| | | 5.984 | 5648.66 | | | 6.319 | 5650.86 | | | | | | |
| | | 5.982 | 5648.23 | | | 6.319 | 5650.52 | | | | | | |
| | | 5.98 | 5647.92 | | | 6.32 | 5650.29 | | | | | | |
| | | 5.978 | 5647.52 | | | 6.32 | 5649.89 | | | | | | |
| | | 5.978 | 5647.16 | | | 6.32 | 5649.55 | | | | | | |
| | | 5.978 | 5646.92 | | | 6.319 | 5649.22 | | | | | | |
| | | 5.976 | 5646.59 | | | 6.319 | 5648.98 | | | | | | |
| | | 5.966 | 5646.25 | | | 6.318 | 5648.62 | | | | | | |
| | | 5.892 | 5645.88 | | | 6.318 | 5648.28 | | | | | | |
| | | 5.751 | 5645.68 | | | 6.317 | 5647.85 | | | | | | |
| | | | | | | 6.317 | 5647.65 | | | | | | |
| | | | | | | 6.317 | 5647.28 | | | | | | |
| | | | | | | 6.316 | 5646.91 | | | | | | |
| | | | | | | 6.316 | 5646.54 | | | | | | |
| | | | | | | 6.315 | 5646.21 | | | | | | |
| | | | | | | 6.314 | 5645.94 | | | | | | |
| | | | | | | 6.312 | 5645.50 | | | | | | |
| | | | | | | 6.305 | 5645.24 | | | | | | |
| | | | | | | 6.29 | 5644.94 | | | | | | |
| | | | | | | 6.251 | 5644.57 | | | | | | |
| | | | | | | 6.118 | 5644.40 | | | | | | |

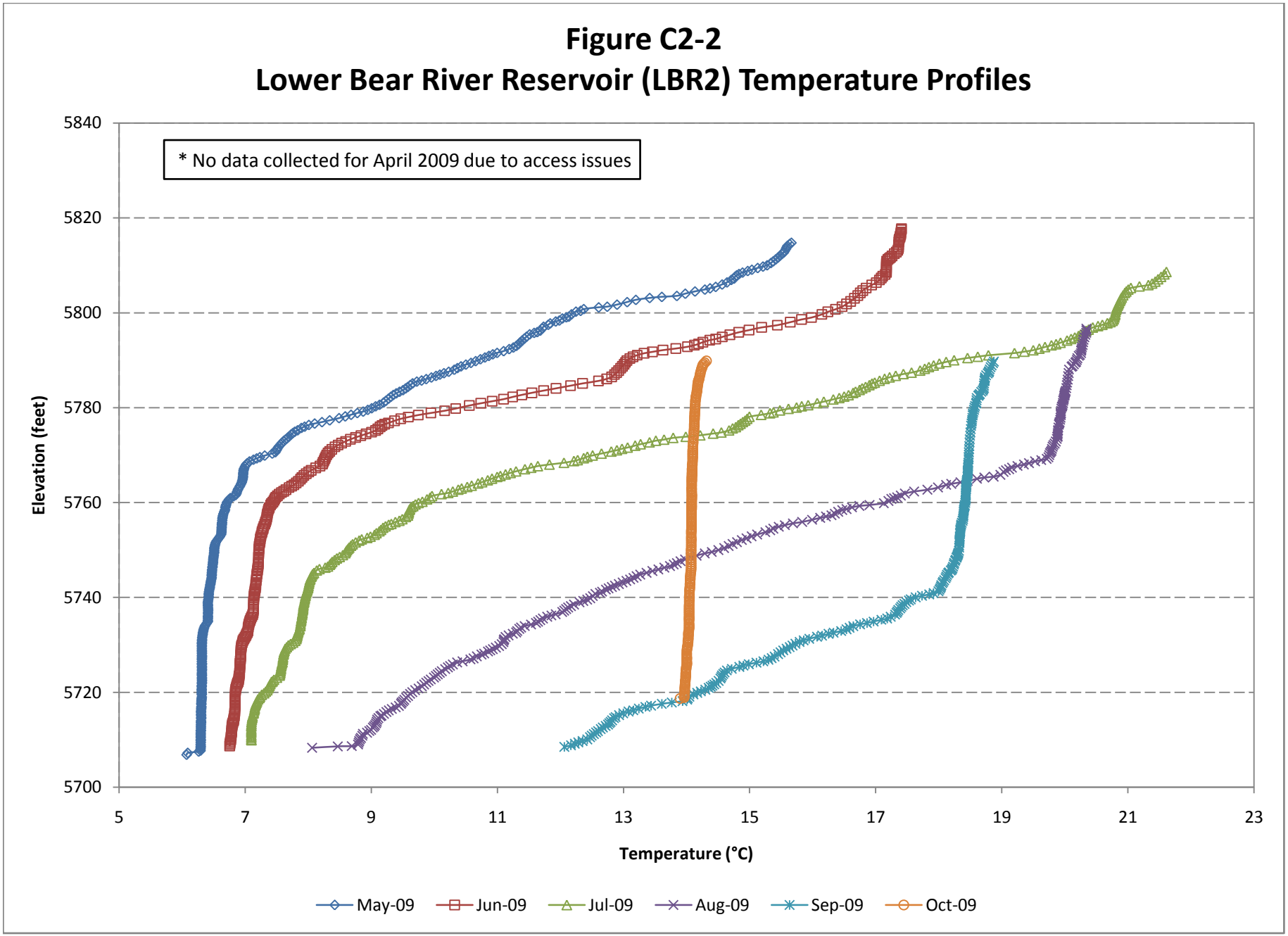


Figure C2-2
Lower Bear River Reservoir (LBR2) Temperature Profiles
* No data collected for April 2009 due to access issues
Elevation (feet)
5840
5820
5800
5780
5760
5740
5720
5700
5
7
9
11
13
15
17
19
21
23
Temperature (°C)
May-09
Jun-09
Jul-09
Aug-09
Sep-09
Oct-09

Lower bear River Reservoir mid Reservoir (LBR2) Monthly Temperature Profiles

Table C1-2

| April Temp (°C) | Elevation (feet) | May (5/26/09) Temp (°C) | Elevation (feet) | June (6/24/09) Temp (°C) | Elevation (feet) | July (7/21/09) Temp (°C) | Elevation (feet) | August (8/24/09) Temp (°C) | Elevation (feet) | September (9/28/09) Temp (°C) | Elevation (feet) | October (10/21/09) Temp (°C) | Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No profiles due to | | 15.664 | 5814.77 | 17.411 | 5817.73 | 21.613 | 5808.60 | 20.344 | 5796.67 | 18.877 | 5789.73 | 14.319 | 5789.87 |
| access issues | | 15.635 | 5814.50 | 17.406 | 5817.50 | 21.58 | 5808.10 | 20.342 | 5796.26 | 18.862 | 5789.36 | 14.291 | 5789.46 |
| | | 15.601 | 5814.13 | 17.402 | 5817.03 | 21.528 | 5807.56 | 20.34 | 5795.80 | 18.842 | 5788.93 | 14.272 | 5789.20 |
| | | 15.588 | 5813.80 | 17.399 | 5816.73 | 21.481 | 5807.06 | 20.327 | 5795.36 | 18.825 | 5788.53 | 14.258 | 5788.90 |
| | | 15.579 | 5813.49 | 17.396 | 5816.43 | 21.436 | 5806.56 | 20.312 | 5794.83 | 18.81 | 5788.09 | 14.25 | 5788.53 |
| | | 15.56 | 5813.09 | 17.39 | 5816.16 | 21.386 | 5806.16 | 20.298 | 5794.32 | 18.801 | 5787.69 | 14.24 | 5788.19 |
| | | 15.544 | 5812.73 | 17.385 | 5815.93 | 21.327 | 5805.82 | 20.29 | 5793.82 | 18.794 | 5787.46 | 14.23 | 5787.76 |
| | | 15.513 | 5812.39 | 17.375 | 5815.56 | 21.185 | 5805.55 | 20.283 | 5793.25 | 18.778 | 5787.22 | 14.223 | 5787.46 |
| | | 15.48 | 5812.02 | 17.371 | 5815.29 | 21.049 | 5805.22 | 20.272 | 5792.78 | 18.753 | 5786.82 | 14.218 | 5787.09 |
| | | 15.449 | 5811.62 | 17.368 | 5814.92 | 21.008 | 5804.89 | 20.267 | 5792.42 | 18.738 | 5786.39 | 14.213 | 5786.72 |
| | | 15.415 | 5811.25 | 17.365 | 5814.35 | 20.977 | 5804.48 | 20.262 | 5792.08 | 18.733 | 5786.09 | 14.206 | 5786.32 |
| | | 15.376 | 5810.85 | 17.364 | 5813.92 | 20.955 | 5804.18 | 20.26 | 5791.98 | 18.73 | 5785.75 | 14.199 | 5785.99 |
| | | 15.338 | 5810.48 | 17.36 | 5813.52 | 20.927 | 5803.68 | 20.257 | 5791.51 | 18.728 | 5785.58 | 14.193 | 5785.78 |
| | | 15.279 | 5810.02 | 17.35 | 5813.15 | 20.904 | 5803.21 | 20.242 | 5791.15 | 18.721 | 5785.12 | 14.186 | 5785.48 |
| | | 15.213 | 5809.75 | 17.328 | 5812.78 | 20.889 | 5802.84 | 20.223 | 5790.94 | 18.72 | 5784.65 | 14.182 | 5785.12 |
| | | 15.129 | 5809.45 | 17.297 | 5812.45 | 20.876 | 5802.48 | 20.201 | 5790.44 | 18.718 | 5784.18 | 14.178 | 5784.78 |
| | | 15.037 | 5809.08 | 17.261 | 5811.98 | 20.861 | 5802.07 | 20.191 | 5790.07 | 18.71 | 5783.88 | 14.176 | 5784.48 |
| | | 14.971 | 5808.81 | 17.235 | 5811.68 | 20.85 | 5801.77 | 20.181 | 5789.67 | 18.697 | 5783.61 | 14.173 | 5784.15 |
| | | 14.889 | 5808.48 | 17.217 | 5811.48 | 20.84 | 5801.47 | 20.167 | 5789.51 | 18.676 | 5783.34 | 14.169 | 5783.74 |
| | | 14.833 | 5808.18 | 17.197 | 5811.28 | 20.827 | 5801.10 | 20.144 | 5789.17 | 18.656 | 5782.87 | 14.167 | 5783.48 |
| | | 14.797 | 5807.91 | 17.175 | 5810.91 | 20.821 | 5800.87 | 20.121 | 5788.77 | 18.641 | 5782.67 | 14.163 | 5783.07 |
| | | 14.771 | 5807.61 | 17.172 | 5810.44 | 20.815 | 5800.60 | 20.106 | 5788.64 | 18.629 | 5782.51 | 14.158 | 5782.84 |
| | | 14.754 | 5807.20 | 17.171 | 5810.07 | 20.806 | 5800.17 | 20.066 | 5788.03 | 18.605 | 5782.04 | 14.152 | 5782.47 |
| | | 14.711 | 5806.94 | 17.17 | 5809.74 | 20.802 | 5799.67 | 20.061 | 5787.30 | 18.602 | 5781.57 | 14.15 | 5782.20 |
| | | 14.642 | 5806.40 | 17.171 | 5809.47 | 20.795 | 5799.43 | 20.054 | 5786.66 | 18.599 | 5781.10 | 14.148 | 5781.94 |
| | | 14.565 | 5805.97 | 17.172 | 5809.13 | 20.788 | 5799.03 | 20.046 | 5785.93 | 18.594 | 5780.87 | 14.143 | 5781.50 |
| | | 14.463 | 5805.47 | 17.171 | 5808.77 | 20.777 | 5798.63 | 20.038 | 5785.29 | 18.578 | 5780.36 | 14.141 | 5781.13 |
| | | 14.374 | 5805.16 | 17.17 | 5808.50 | 20.759 | 5798.29 | 20.031 | 5784.76 | 18.568 | 5780.00 | 14.139 | 5780.60 |
| | | 14.292 | 5804.90 | 17.152 | 5808.10 | 20.725 | 5798.03 | 20.024 | 5784.12 | 18.561 | 5779.56 | 14.138 | 5780.13 |
| | | 14.135 | 5804.50 | 17.112 | 5807.70 | 20.676 | 5797.79 | 20.016 | 5783.55 | 18.553 | 5779.13 | 14.136 | 5779.70 |
| | | 13.981 | 5804.03 | 17.089 | 5807.33 | 20.597 | 5797.46 | 20.008 | 5783.28 | 18.545 | 5778.76 | 14.134 | 5779.33 |
| | | 13.847 | 5803.56 | 17.06 | 5806.93 | 20.528 | 5797.19 | 20.001 | 5782.98 | 18.541 | 5778.39 | 14.132 | 5778.96 |
| | | 13.609 | 5803.36 | 17.011 | 5806.36 | 20.445 | 5796.89 | 19.996 | 5782.68 | 18.535 | 5777.89 | 14.131 | 5778.59 |
| | | 13.416 | 5803.12 | 16.937 | 5805.86 | 20.379 | 5796.45 | 19.993 | 5782.48 | 18.531 | 5777.45 | 14.13 | 5778.29 |
| | | 13.197 | 5802.72 | 16.85 | 5805.22 | 20.342 | 5796.19 | 19.988 | 5782.15 | 18.528 | 5777.09 | 14.129 | 5777.99 |
| | | 13.059 | 5802.25 | 16.795 | 5804.68 | 20.3 | 5795.82 | 19.982 | 5781.81 | 18.522 | 5776.68 | 14.128 | 5777.59 |
| | | 12.899 | 5801.72 | 16.756 | 5804.18 | 20.254 | 5795.42 | 19.975 | 5781.48 | 18.516 | 5776.18 | 14.127 | 5777.22 |
| | | 12.743 | 5801.28 | 16.717 | 5803.61 | 20.219 | 5795.12 | 19.971 | 5781.01 | 18.51 | 5775.48 | 14.126 | 5776.85 |
| | | 12.608 | 5801.15 | 16.664 | 5803.05 | 20.16 | 5794.78 | 19.967 | 5780.61 | 18.504 | 5774.78 | 14.125 | 5776.48 |
| | | 12.371 | 5800.78 | 16.602 | 5802.41 | 20.101 | 5794.48 | 19.96 | 5780.31 | 18.499 | 5774.11 | 14.125 | 5776.08 |
| | | 12.321 | 5800.41 | 16.54 | 5801.87 | 20.037 | 5794.15 | 19.954 | 5780.21 | 18.494 | 5773.34 | 14.122 | 5775.75 |
| | | 12.247 | 5800.25 | 16.467 | 5801.27 | 19.933 | 5793.68 | 19.945 | 5779.84 | 18.49 | 5772.67 | 14.121 | 5775.31 |
| | | 12.176 | 5799.68 | 16.362 | 5800.74 | 19.863 | 5793.38 | 19.942 | 5779.34 | 18.486 | 5771.93 | 14.118 | 5774.84 |
| | | 12.133 | 5799.18 | 16.243 | 5800.20 | 19.789 | 5793.14 | 19.94 | 5778.90 | 18.483 | 5771.27 | 14.115 | 5774.38 |
| | | 12.094 | 5799.04 | 16.148 | 5799.67 | 19.687 | 5792.77 | 19.937 | 5778.73 | 18.48 | 5770.60 | 14.112 | 5773.84 |
| | | 12.032 | 5798.81 | 15.982 | 5799.00 | 19.597 | 5792.44 | 19.935 | 5778.43 | 18.478 | 5770.09 | 14.109 | 5773.41 |
| | | 11.983 | 5798.37 | 15.825 | 5798.60 | 19.501 | 5792.11 | 19.932 | 5777.90 | 18.477 | 5769.59 | 14.106 | 5772.77 |
| | | 11.926 | 5798.17 | 15.647 | 5798.03 | 19.359 | 5791.80 | 19.927 | 5777.46 | 18.474 | 5769.12 | 14.105 | 5772.34 |
| | | 11.838 | 5797.77 | 15.44 | 5797.39 | 19.203 | 5791.50 | 19.919 | 5776.96 | 18.472 | 5768.42 | 14.102 | 5771.83 |
| | | 11.807 | 5797.47 | 15.193 | 5796.92 | 18.789 | 5791.03 | 19.911 | 5776.69 | 18.47 | 5767.99 | 14.101 | 5771.40 |
| | | 11.733 | 5797.07 | 14.993 | 5796.35 | 18.621 | 5790.73 | 19.906 | 5776.43 | 18.468 | 5767.59 | 14.1 | 5771.00 |
| | | 11.712 | 5796.70 | 14.827 | 5795.89 | 18.458 | 5790.47 | 19.899 | 5775.82 | 18.466 | 5767.28 | 14.099 | 5770.60 |
| | | 11.68 | 5796.23 | 14.688 | 5795.38 | 18.245 | 5790.00 | 19.895 | 5775.29 | 18.465 | 5766.92 | 14.1 | 5770.23 |
| | | 11.633 | 5795.93 | 14.568 | 5794.92 | 18.119 | 5789.63 | 19.892 | 5775.09 | 18.463 | 5766.65 | 14.098 | 5769.89 |
| | | 11.584 | 5795.76 | 14.464 | 5794.48 | 18.011 | 5789.29 | 19.89 | 5774.65 | 18.462 | 5766.38 | 14.099 | 5769.56 |
| | | 11.513 | 5795.46 | 14.369 | 5794.25 | 17.921 | 5788.89 | 19.888 | 5774.32 | 18.461 | 5766.11 | 14.098 | 5769.19 |
| | | 11.464 | 5794.96 | 14.261 | 5793.81 | 17.845 | 5788.56 | 19.885 | 5773.98 | 18.46 | 5765.71 | 14.097 | 5768.79 |
| | | 11.428 | 5794.56 | 14.19 | 5793.44 | 17.779 | 5788.19 | 19.882 | 5773.85 | 18.459 | 5765.44 | 14.094 | 5768.35 |
| | | 11.394 | 5794.16 | 14.126 | 5793.18 | 17.706 | 5787.82 | 19.874 | 5773.41 | 18.454 | 5764.88 | 14.092 | 5767.99 |
| | | 11.363 | 5793.79 | 14.015 | 5792.84 | 17.57 | 5787.39 | 19.857 | 5772.88 | 18.448 | 5764.57 | 14.09 | 5767.65 |
| | | 11.333 | 5793.35 | 13.831 | 5792.47 | 17.441 | 5787.09 | 19.84 | 5772.44 | 18.444 | 5764.24 | 14.09 | 5767.32 |
| | | 11.3 | 5793.02 | 13.627 | 5792.14 | 17.319 | 5786.72 | 19.82 | 5772.14 | 18.441 | 5763.87 | 14.089 | 5766.98 |
| | | 11.254 | 5792.69 | 13.46 | 5791.77 | 17.222 | 5786.38 | 19.807 | 5771.77 | 18.438 | 5763.64 | 14.09 | 5766.68 |
| | | 11.188 | 5792.35 | 13.327 | 5791.47 | 17.143 | 5786.08 | 19.798 | 5771.34 | 18.436 | 5763.37 | 14.089 | 5766.38 |
| | | 11.1 | 5791.92 | 13.219 | 5791.07 | 17.063 | 5785.68 | 19.791 | 5770.94 | 18.434 | 5763.07 | 14.088 | 5766.01 |
| | | 10.997 | 5791.55 | 13.152 | 5790.73 | 16.986 | 5785.28 | 19.777 | 5770.70 | 18.433 | 5762.73 | 14.088 | 5765.74 |
| | | 10.928 | 5791.25 | 13.103 | 5790.37 | 16.943 | 5785.08 | 19.763 | 5770.44 | 18.432 | 5762.43 | 14.086 | 5765.38 |
| | | 10.866 | 5790.91 | 13.057 | 5789.93 | 16.901 | 5784.74 | 19.754 | 5770.00 | 18.432 | 5762.10 | 14.086 | 5765.04 |
| | | 10.803 | 5790.58 | 13.033 | 5789.56 | 16.841 | 5784.38 | 19.742 | 5769.57 | 18.433 | 5761.80 | 14.085 | 5764.67 |
| | | 10.731 | 5790.21 | 13.012 | 5789.16 | 16.787 | 5784.08 | 19.713 | 5769.23 | 18.433 | 5761.46 | 14.084 | 5764.47 |
| | | 10.656 | 5789.81 | 12.986 | 5788.73 | 16.746 | 5783.74 | 19.627 | 5768.96 | 18.434 | 5761.06 | 14.084 | 5764.14 |
| | | 10.582 | 5789.44 | 12.957 | 5788.33 | 16.682 | 5783.37 | 19.53 | 5768.70 | 18.43 | 5760.69 | 14.084 | 5763.77 |
| | | 10.501 | 5789.07 | 12.925 | 5787.82 | 16.643 | 5783.11 | 19.433 | 5768.33 | 18.427 | 5760.39 | 14.083 | 5763.47 |
| | | 10.424 | 5788.70 | 12.893 | 5787.39 | 16.571 | 5782.64 | 19.352 | 5768.03 | 18.422 | 5759.96 | 14.082 | 5763.00 |
| | | 10.366 | 5788.34 | 12.858 | 5786.99 | 16.501 | 5782.34 | 19.25 | 5767.73 | 18.416 | 5759.49 | 14.082 | 5762.73 |
| | | 10.317 | 5788.00 | 12.813 | 5786.49 | 16.423 | 5782.04 | 19.163 | 5767.36 | 18.411 | 5759.22 | 14.083 | 5762.33 |
| | | 10.229 | 5787.57 | 12.736 | 5786.08 | 16.329 | 5781.73 | 19.117 | 5767.02 | 18.407 | 5758.95 | 14.084 | 5762.10 |
| | | 10.153 | 5787.27 | 12.605 | 5785.65 | 16.178 | 5781.27 | 19.066 | 5766.82 | 18.403 | 5758.65 | 14.085 | 5761.66 |
| | | 10.088 | 5786.96 | 12.352 | 5785.11 | 16.074 | 5780.96 | 19.03 | 5766.46 | 18.4 | 5758.38 | 14.085 | 5761.40 |
| | | 10.027 | 5786.70 | 12.162 | 5784.65 | 15.93 | 5780.53 | 18.979 | 5765.85 | 18.397 | 5758.05 | 14.085 | 5760.96 |
| | | 9.954 | 5786.36 | 11.93 | 5784.08 | 15.828 | 5780.30 | 18.872 | 5765.49 | 18.396 | 5757.68 | 14.084 | 5760.63 |
| | | 9.872 | 5786.03 | 11.735 | 5783.61 | 15.746 | 5780.03 | 18.724 | 5765.28 | 18.394 | 5757.31 | 14.083 | 5760.39 |
| | | 9.799 | 5785.73 | 11.548 | 5783.14 | 15.618 | 5779.76 | 18.607 | 5765.02 | 18.391 | 5756.95 | 14.082 | 5760.02 |
| | | 9.723 | 5785.49 | 11.389 | 5782.70 | 15.482 | 5779.43 | 18.462 | 5764.55 | 18.388 | 5756.54 | 14.082 | 5759.69 |
| | | 9.656 | 5785.12 | 11.244 | 5782.27 | 15.38 | 5779.02 | 18.347 | 5764.28 | 18.38 | 5756.18 | 14.081 | 5759.32 |
| | | 9.618 | 5784.76 | 11.1 | 5781.80 | 15.325 | 5778.82 | 18.199 | 5763.95 | 18.367 | 5755.74 | 14.081 | 5759.09 |
| | | 9.579 | 5784.36 | 10.919 | 5781.37 | 15.184 | 5778.49 | 18.119 | 5763.75 | 18.359 | 5755.37 | 14.081 | 5758.69 |
| | | 9.545 | 5784.05 | 10.739 | 5780.93 | 14.998 | 5778.09 | 17.989 | 5763.18 | 18.353 | 5755.04 | 14.08 | 5758.35 |
| | | 9.503 | 5783.69 | 10.557 | 5780.46 | 14.963 | 5777.65 | 17.821 | 5762.71 | 18.349 | 5754.67 | 14.08 | 5758.05 |
| | | 9.448 | 5783.35 | 10.34 | 5779.83 | 14.931 | 5777.28 | 17.611 | 5762.34 | 18.345 | 5754.34 | 14.079 | 5757.72 |
| | | 9.396 | 5783.02 | 10.165 | 5779.36 | 14.894 | 5776.98 | 17.465 | 5761.91 | 18.343 | 5754.04 | 14.079 | 5757.35 |

Lower bear River Reservoir mid Reservoir (LBR2) Monthly Temperature Profiles

Table C1-2

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 9.35 | 5782.68 | 9.947 | 5778.89 | 14.857 | 5776.62 | 17.399 | 5761.47 | 18.341 | 5753.67 | 14.079 | 5757.01 |
| | | 9.31 | 5782.28 | 9.747 | 5778.46 | 14.822 | 5776.31 | 17.341 | 5761.10 | 18.339 | 5753.37 | 14.079 | 5756.54 |
| | | 9.275 | 5781.91 | 9.589 | 5778.02 | 14.783 | 5775.91 | 17.294 | 5760.94 | 18.336 | 5752.90 | 14.079 | 5756.14 |
| | | 9.232 | 5781.44 | 9.468 | 5777.65 | 14.732 | 5775.65 | 17.25 | 5760.77 | 18.335 | 5752.60 | 14.08 | 5755.84 |
| | | 9.195 | 5781.08 | 9.37 | 5777.25 | 14.675 | 5775.21 | 17.203 | 5760.33 | 18.334 | 5752.30 | 14.08 | 5755.51 |
| | | 9.131 | 5780.61 | 9.273 | 5776.78 | 14.553 | 5774.78 | 17.13 | 5759.86 | 18.332 | 5752.06 | 14.08 | 5755.14 |
| | | 9.069 | 5780.27 | 9.213 | 5776.52 | 14.423 | 5774.54 | 16.904 | 5759.50 | 18.33 | 5751.79 | 14.079 | 5754.77 |
| | | 9.007 | 5779.87 | 9.172 | 5776.25 | 14.218 | 5774.17 | 16.742 | 5759.30 | 18.33 | 5751.49 | 14.079 | 5754.47 |
| | | 8.945 | 5779.54 | 9.142 | 5775.95 | 13.989 | 5773.87 | 16.626 | 5758.99 | 18.328 | 5750.92 | 14.079 | 5754.27 |
| | | 8.872 | 5779.17 | 9.107 | 5775.55 | 13.789 | 5773.64 | 16.538 | 5758.63 | 18.327 | 5750.49 | 14.078 | 5754.10 |
| | | 8.779 | 5778.87 | 9.071 | 5775.21 | 13.644 | 5773.27 | 16.471 | 5758.43 | 18.323 | 5749.85 | 14.077 | 5753.73 |
| | | 8.68 | 5778.50 | 9.005 | 5774.84 | 13.514 | 5773.04 | 16.406 | 5758.06 | 18.316 | 5749.45 | 14.077 | 5753.40 |
| | | 8.588 | 5778.17 | 8.918 | 5774.47 | 13.414 | 5772.70 | 16.354 | 5757.66 | 18.309 | 5749.18 | 14.077 | 5752.86 |
| | | 8.49 | 5777.80 | 8.836 | 5774.11 | 13.272 | 5772.30 | 16.299 | 5757.32 | 18.301 | 5748.92 | 14.077 | 5752.50 |
| | | 8.341 | 5777.33 | 8.752 | 5773.74 | 13.186 | 5772.00 | 16.212 | 5757.05 | 18.292 | 5748.62 | 14.078 | 5752.16 |
| | | 8.219 | 5776.96 | 8.669 | 5773.34 | 13.066 | 5771.60 | 16.122 | 5756.79 | 18.283 | 5748.38 | 14.077 | 5751.79 |
| | | 8.103 | 5776.66 | 8.594 | 5772.90 | 12.977 | 5771.33 | 15.992 | 5756.39 | 18.271 | 5747.98 | 14.077 | 5751.39 |
| | | 8.011 | 5776.36 | 8.53 | 5772.53 | 12.896 | 5771.03 | 15.835 | 5755.92 | 18.26 | 5747.71 | 14.076 | 5750.99 |
| | | 7.943 | 5775.99 | 8.476 | 5772.13 | 12.807 | 5770.76 | 15.689 | 5755.62 | 18.247 | 5747.28 | 14.076 | 5750.66 |
| | | 7.892 | 5775.72 | 8.426 | 5771.76 | 12.652 | 5770.33 | 15.561 | 5755.25 | 18.24 | 5746.94 | 14.075 | 5750.15 |
| | | 7.832 | 5775.22 | 8.376 | 5771.23 | 12.511 | 5769.92 | 15.463 | 5754.91 | 18.23 | 5746.51 | 14.075 | 5749.75 |
| | | 7.786 | 5774.92 | 8.342 | 5770.79 | 12.428 | 5769.66 | 15.379 | 5754.51 | 18.219 | 5746.14 | 14.075 | 5749.25 |
| | | 7.755 | 5774.62 | 8.317 | 5770.46 | 12.37 | 5769.36 | 15.328 | 5754.14 | 18.21 | 5745.87 | 14.075 | 5748.82 |
| | | 7.729 | 5774.35 | 8.294 | 5770.06 | 12.274 | 5768.95 | 15.251 | 5753.78 | 18.192 | 5745.67 | 14.075 | 5748.35 |
| | | 7.687 | 5773.82 | 8.279 | 5769.66 | 12.214 | 5768.75 | 15.121 | 5753.27 | 18.164 | 5745.30 | 14.074 | 5747.91 |
| | | 7.663 | 5773.52 | 8.267 | 5769.26 | 12.056 | 5768.39 | 15.034 | 5752.91 | 18.152 | 5745.10 | 14.075 | 5747.41 |
| | | 7.637 | 5773.25 | 8.254 | 5768.89 | 11.826 | 5768.02 | 14.954 | 5752.47 | 18.134 | 5744.77 | 14.074 | 5746.94 |
| | | 7.614 | 5773.01 | 8.239 | 5768.52 | 11.642 | 5767.68 | 14.878 | 5752.10 | 18.123 | 5744.40 | 14.074 | 5746.47 |
| | | 7.584 | 5772.58 | 8.226 | 5768.12 | 11.536 | 5767.35 | 14.801 | 5751.67 | 18.11 | 5744.07 | 14.074 | 5746.04 |
| | | 7.566 | 5772.31 | 8.189 | 5767.72 | 11.437 | 5767.05 | 14.731 | 5751.27 | 18.089 | 5743.63 | 14.07 | 5745.64 |
| | | 7.537 | 5771.88 | 8.12 | 5767.32 | 11.296 | 5766.58 | 14.669 | 5750.87 | 18.073 | 5743.30 | 14.068 | 5745.17 |
| | | 7.521 | 5771.61 | 8.049 | 5766.81 | 11.21 | 5766.24 | 14.598 | 5750.43 | 18.06 | 5743.03 | 14.064 | 5744.77 |
| | | 7.508 | 5771.31 | 8.009 | 5766.48 | 11.13 | 5765.94 | 14.506 | 5750.00 | 18.045 | 5742.59 | 14.061 | 5744.37 |
| | | 7.497 | 5771.01 | 7.969 | 5766.08 | 11.048 | 5765.61 | 14.401 | 5749.59 | 18.036 | 5742.26 | 14.06 | 5743.93 |
| | | 7.479 | 5770.60 | 7.932 | 5765.71 | 10.997 | 5765.41 | 14.291 | 5749.29 | 18.025 | 5741.96 | 14.059 | 5743.53 |
| | | 7.43 | 5770.34 | 7.903 | 5765.31 | 10.915 | 5765.04 | 14.159 | 5748.82 | 18.014 | 5741.66 | 14.058 | 5743.13 |
| | | 7.311 | 5769.90 | 7.879 | 5764.94 | 10.847 | 5764.71 | 14.068 | 5748.46 | 17.997 | 5741.32 | 14.057 | 5742.79 |
| | | 7.234 | 5769.57 | 7.845 | 5764.51 | 10.758 | 5764.30 | 13.977 | 5748.02 | 17.92 | 5740.92 | 14.055 | 5742.33 |
| | | 7.183 | 5769.30 | 7.811 | 5764.14 | 10.694 | 5764.04 | 13.907 | 5747.65 | 17.851 | 5740.65 | 14.052 | 5741.96 |
| | | 7.131 | 5769.03 | 7.775 | 5763.77 | 10.592 | 5763.57 | 13.848 | 5747.25 | 17.737 | 5740.35 | 14.05 | 5741.59 |
| | | 7.069 | 5768.66 | 7.738 | 5763.47 | 10.522 | 5763.30 | 13.797 | 5746.95 | 17.636 | 5740.02 | 14.048 | 5741.19 |
| | | 7.031 | 5768.26 | 7.697 | 5763.17 | 10.433 | 5762.97 | 13.739 | 5746.62 | 17.557 | 5739.62 | 14.047 | 5740.65 |
| | | 7.014 | 5768.00 | 7.648 | 5762.73 | 10.38 | 5762.73 | 13.65 | 5746.28 | 17.53 | 5739.35 | 14.046 | 5740.22 |
| | | 6.998 | 5767.63 | 7.613 | 5762.40 | 10.293 | 5762.33 | 13.555 | 5745.91 | 17.488 | 5739.01 | 14.046 | 5739.85 |
| | | 6.984 | 5767.23 | 7.576 | 5762.13 | 10.22 | 5762.03 | 13.461 | 5745.58 | 17.458 | 5738.65 | 14.045 | 5739.42 |
| | | 6.978 | 5766.96 | 7.542 | 5761.80 | 10.114 | 5761.79 | 13.368 | 5745.21 | 17.429 | 5738.38 | 14.044 | 5739.01 |
| | | 6.974 | 5766.69 | 7.513 | 5761.43 | 9.963 | 5761.39 | 13.267 | 5744.81 | 17.408 | 5738.04 | 14.044 | 5738.61 |
| | | 6.97 | 5766.29 | 7.489 | 5761.13 | 9.933 | 5761.03 | 13.209 | 5744.48 | 17.389 | 5737.71 | 14.043 | 5738.21 |
| | | 6.969 | 5765.99 | 7.472 | 5760.83 | 9.884 | 5760.69 | 13.159 | 5744.14 | 17.361 | 5737.37 | 14.043 | 5737.78 |
| | | 6.967 | 5765.59 | 7.459 | 5760.46 | 9.81 | 5760.19 | 13.107 | 5743.81 | 17.346 | 5737.04 | 14.043 | 5737.37 |
| | | 6.965 | 5765.29 | 7.441 | 5760.12 | 9.75 | 5759.92 | 13.048 | 5743.51 | 17.332 | 5736.74 | 14.043 | 5736.97 |
| | | 6.961 | 5764.95 | 7.42 | 5759.82 | 9.7 | 5759.62 | 12.987 | 5743.17 | 17.309 | 5736.40 | 14.042 | 5736.61 |
| | | 6.954 | 5764.62 | 7.404 | 5759.49 | 9.665 | 5759.25 | 12.928 | 5742.84 | 17.239 | 5735.94 | 14.042 | 5736.17 |
| | | 6.947 | 5764.28 | 7.385 | 5758.95 | 9.634 | 5759.05 | 12.867 | 5742.50 | 17.185 | 5735.57 | 14.042 | 5735.80 |
| | | 6.935 | 5763.95 | 7.374 | 5758.62 | 9.614 | 5758.62 | 12.816 | 5742.20 | 17.092 | 5735.30 | 14.042 | 5735.57 |
| | | 6.921 | 5763.58 | 7.365 | 5758.25 | 9.604 | 5758.42 | 12.765 | 5741.93 | 16.969 | 5734.93 | 14.042 | 5735.33 |
| | | 6.91 | 5763.31 | 7.358 | 5757.85 | 9.596 | 5757.98 | 12.722 | 5741.67 | 16.863 | 5734.63 | 14.041 | 5735.03 |
| | | 6.893 | 5762.94 | 7.352 | 5757.55 | 9.59 | 5757.68 | 12.662 | 5741.23 | 16.755 | 5734.33 | 14.041 | 5734.63 |
| | | 6.884 | 5762.68 | 7.348 | 5757.25 | 9.581 | 5757.28 | 12.626 | 5741.00 | 16.647 | 5733.96 | 14.042 | 5734.30 |
| | | 6.871 | 5762.27 | 7.344 | 5756.91 | 9.548 | 5756.98 | 12.556 | 5740.76 | 16.588 | 5733.63 | 14.042 | 5733.93 |
| | | 6.863 | 5761.91 | 7.34 | 5756.51 | 9.492 | 5756.51 | 12.515 | 5740.29 | 16.54 | 5733.29 | 14.042 | 5733.59 |
| | | 6.849 | 5761.57 | 7.333 | 5756.21 | 9.445 | 5756.17 | 12.474 | 5739.83 | 16.454 | 5732.93 | 14.041 | 5733.33 |
| | | 6.815 | 5761.30 | 7.323 | 5755.87 | 9.382 | 5755.91 | 12.426 | 5739.56 | 16.334 | 5732.59 | 14.036 | 5732.89 |
| | | 6.765 | 5760.94 | 7.312 | 5755.47 | 9.318 | 5755.51 | 12.364 | 5739.26 | 16.254 | 5732.32 | 14.032 | 5732.56 |
| | | 6.743 | 5760.64 | 7.297 | 5755.00 | 9.276 | 5755.34 | 12.304 | 5738.99 | 16.152 | 5731.96 | 14.032 | 5732.26 |
| | | 6.722 | 5760.23 | 7.287 | 5754.57 | 9.226 | 5755.00 | 12.218 | 5738.52 | 16.071 | 5731.72 | 14.031 | 5731.96 |
| | | 6.711 | 5760.00 | 7.279 | 5754.27 | 9.187 | 5754.70 | 12.166 | 5738.19 | 15.948 | 5731.29 | 14.029 | 5731.49 |
| | | 6.699 | 5759.56 | 7.271 | 5753.90 | 9.155 | 5754.27 | 12.125 | 5737.88 | 15.859 | 5730.95 | 14.027 | 5731.22 |
| | | 6.693 | 5759.30 | 7.264 | 5753.53 | 9.129 | 5753.97 | 12.092 | 5737.55 | 15.795 | 5730.62 | 14.025 | 5730.92 |
| | | 6.687 | 5759.00 | 7.254 | 5753.06 | 9.082 | 5753.56 | 12.061 | 5737.22 | 15.728 | 5730.25 | 14.024 | 5730.62 |
| | | 6.681 | 5758.49 | 7.247 | 5752.73 | 9.053 | 5753.23 | 12.029 | 5736.95 | 15.683 | 5729.88 | 14.022 | 5730.38 |
| | | 6.675 | 5758.23 | 7.242 | 5752.36 | 8.987 | 5752.83 | 11.926 | 5736.48 | 15.638 | 5729.55 | 14.02 | 5729.98 |
| | | 6.666 | 5757.99 | 7.239 | 5751.99 | 8.935 | 5752.56 | 11.858 | 5736.21 | 15.588 | 5729.21 | 14.014 | 5729.58 |
| | | 6.655 | 5757.62 | 7.234 | 5751.62 | 8.848 | 5752.26 | 11.793 | 5735.94 | 15.536 | 5728.84 | 14.011 | 5729.31 |
| | | 6.648 | 5757.26 | 7.229 | 5751.29 | 8.808 | 5751.99 | 11.725 | 5735.58 | 15.492 | 5728.44 | 14.008 | 5729.04 |
| | | 6.643 | 5756.92 | 7.223 | 5750.86 | 8.752 | 5751.62 | 11.683 | 5735.24 | 15.454 | 5728.07 | 14.005 | 5728.71 |
| | | 6.64 | 5756.65 | 7.222 | 5750.52 | 8.704 | 5751.22 | 11.647 | 5734.91 | 15.398 | 5727.54 | 14.005 | 5728.24 |
| | | 6.637 | 5756.25 | 7.22 | 5750.22 | 8.678 | 5750.92 | 11.613 | 5734.64 | 15.352 | 5727.20 | 14.005 | 5727.94 |
| | | 6.634 | 5755.82 | 7.218 | 5749.92 | 8.65 | 5750.52 | 11.534 | 5734.30 | 15.302 | 5726.87 | 14.005 | 5727.57 |
| | | 6.632 | 5755.55 | 7.217 | 5749.58 | 8.635 | 5750.29 | 11.434 | 5733.97 | 15.22 | 5726.54 | 14.006 | 5727.20 |
| | | 6.631 | 5755.28 | 7.216 | 5749.22 | 8.615 | 5749.99 | 11.378 | 5733.67 | 15.111 | 5726.27 | 14.005 | 5726.87 |
| | | 6.629 | 5754.88 | 7.214 | 5748.95 | 8.6 | 5749.65 | 11.35 | 5733.37 | 14.989 | 5725.93 | 14.005 | 5726.54 |
| | | 6.627 | 5754.61 | 7.213 | 5748.48 | 8.587 | 5749.35 | 11.316 | 5732.93 | 14.904 | 5725.63 | 14.007 | 5726.23 |
| | | 6.626 | 5754.25 | 7.214 | 5748.18 | 8.549 | 5748.95 | 11.298 | 5732.63 | 14.838 | 5725.36 | 14.006 | 5725.90 |
| | | 6.625 | 5753.91 | 7.215 | 5747.91 | 8.498 | 5748.55 | 11.245 | 5732.36 | 14.719 | 5724.96 | 14.001 | 5725.57 |
| | | 6.624 | 5753.61 | 7.212 | 5747.51 | 8.454 | 5748.25 | 11.179 | 5732.00 | 14.641 | 5724.63 | 13.996 | 5725.16 |
| | | 6.619 | 5753.28 | 7.211 | 5747.21 | 8.419 | 5747.91 | 11.131 | 5731.66 | 14.605 | 5724.19 | 13.994 | 5724.86 |
| | | 6.601 | 5752.87 | 7.21 | 5746.94 | 8.38 | 5747.51 | 11.11 | 5731.23 | 14.583 | 5723.89 | 13.991 | 5724.53 |
| | | 6.586 | 5752.61 | 7.208 | 5746.54 | 8.358 | 5747.17 | 11.102 | 5730.96 | 14.564 | 5723.56 | 13.991 | 5724.23 |
| | | 6.568 | 5752.27 | 7.203 | 5746.27 | 8.343 | 5746.91 | 11.097 | 5730.59 | 14.551 | 5723.22 | 13.989 | 5723.93 |
| | | 6.549 | 5751.94 | 7.199 | 5745.87 | 8.312 | 5746.54 | 11.071 | 5730.16 | 14.539 | 5722.92 | 13.988 | 5723.49 |

Lower bear River Reservoir mid Reservoir (LBR2) Monthly Temperature Profiles

Table C1-2

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6.535 | 5751.60 | 7.195 | 5745.57 | 8.27 | 5746.30 | 11.029 | 5729.79 | 14.511 | 5722.42 | 13.987 | 5723.22 |
| | | 6.525 | 5751.23 | 7.189 | 5745.13 | 8.178 | 5746.00 | 10.978 | 5729.45 | 14.473 | 5721.99 | 13.986 | 5722.92 |
| | | 6.519 | 5750.90 | 7.187 | 5744.90 | 8.135 | 5745.70 | 10.929 | 5729.12 | 14.44 | 5721.68 | 13.982 | 5722.49 |
| | | 6.513 | 5750.57 | 7.183 | 5744.57 | 8.09 | 5745.17 | 10.887 | 5728.85 | 14.412 | 5721.42 | 13.98 | 5722.19 |
| | | 6.511 | 5750.26 | 7.184 | 5744.33 | 8.07 | 5744.90 | 10.852 | 5728.62 | 14.386 | 5721.18 | 13.979 | 5721.89 |
| | | 6.51 | 5749.90 | 7.179 | 5744.00 | 8.055 | 5744.53 | 10.792 | 5728.18 | 14.352 | 5720.95 | 13.978 | 5721.58 |
| | | 6.51 | 5749.56 | 7.176 | 5743.60 | 8.045 | 5744.33 | 10.749 | 5727.98 | 14.3 | 5720.58 | 13.975 | 5721.15 |
| | | 6.507 | 5749.33 | 7.172 | 5743.16 | 8.033 | 5743.90 | 10.675 | 5727.58 | 14.229 | 5720.21 | 13.973 | 5720.81 |
| | | 6.503 | 5748.93 | 7.171 | 5742.86 | 8.025 | 5743.66 | 10.623 | 5727.18 | 14.17 | 5719.91 | 13.972 | 5720.55 |
| | | 6.499 | 5748.59 | 7.169 | 5742.56 | 8.017 | 5743.23 | 10.573 | 5726.94 | 14.112 | 5719.58 | 13.97 | 5720.15 |
| | | 6.496 | 5748.29 | 7.166 | 5742.06 | 8.011 | 5742.86 | 10.449 | 5726.54 | 14.048 | 5719.07 | 13.968 | 5719.78 |
| | | 6.493 | 5747.92 | 7.16 | 5741.72 | 8.004 | 5742.46 | 10.362 | 5726.31 | 14.021 | 5718.77 | 13.967 | 5719.48 |
| | | 6.491 | 5747.52 | 7.156 | 5741.39 | 7.999 | 5742.12 | 10.294 | 5725.87 | 14.009 | 5718.47 | 13.966 | 5719.21 |
| | | 6.49 | 5747.25 | 7.151 | 5741.02 | 7.995 | 5741.92 | 10.251 | 5725.57 | 13.937 | 5718.14 | 13.964 | 5718.91 |
| | | 6.486 | 5746.92 | 7.146 | 5740.65 | 7.985 | 5741.55 | 10.217 | 5725.27 | 13.768 | 5717.87 | 13.898 | 5718.71 |
| | | 6.483 | 5746.52 | 7.142 | 5740.28 | 7.978 | 5741.25 | 10.174 | 5724.90 | 13.608 | 5717.57 | | |
| | | 6.481 | 5746.32 | 7.139 | 5739.92 | 7.968 | 5740.89 | 10.121 | 5724.47 | 13.439 | 5717.20 | | |
| | | 6.476 | 5745.88 | 7.137 | 5739.55 | 7.959 | 5740.48 | 10.089 | 5724.13 | 13.349 | 5716.93 | | |
| | | 6.475 | 5745.58 | 7.135 | 5739.15 | 7.954 | 5740.28 | 10.057 | 5723.80 | 13.244 | 5716.57 | | |
| | | 6.472 | 5745.21 | 7.135 | 5738.78 | 7.948 | 5739.88 | 10.026 | 5723.47 | 13.158 | 5716.23 | | |
| | | 6.471 | 5744.84 | 7.134 | 5738.41 | 7.944 | 5739.58 | 9.994 | 5723.13 | 13.08 | 5715.96 | | |
| | | 6.47 | 5744.58 | 7.133 | 5737.91 | 7.937 | 5739.18 | 9.944 | 5722.73 | 12.997 | 5715.60 | | |
| | | 6.469 | 5744.18 | 7.134 | 5737.51 | 7.932 | 5738.91 | 9.909 | 5722.39 | 12.93 | 5715.19 | | |
| | | 6.464 | 5743.87 | 7.132 | 5737.17 | 7.925 | 5738.51 | 9.873 | 5722.06 | 12.876 | 5714.79 | | |
| | | 6.458 | 5743.51 | 7.128 | 5736.77 | 7.922 | 5738.21 | 9.84 | 5721.66 | 12.85 | 5714.56 | | |
| | | 6.454 | 5743.21 | 7.121 | 5736.37 | 7.92 | 5737.87 | 9.803 | 5721.29 | 12.82 | 5714.12 | | |
| | | 6.451 | 5742.87 | 7.106 | 5735.97 | 7.918 | 5737.54 | 9.75 | 5720.82 | 12.797 | 5713.79 | | |
| | | 6.445 | 5742.60 | 7.092 | 5735.60 | 7.913 | 5737.27 | 9.697 | 5720.45 | 12.777 | 5713.52 | | |
| | | 6.441 | 5742.20 | 7.081 | 5735.20 | 7.909 | 5736.84 | 9.651 | 5720.05 | 12.756 | 5713.22 | | |
| | | 6.437 | 5741.90 | 7.072 | 5734.90 | 7.905 | 5736.57 | 9.617 | 5719.69 | 12.718 | 5712.92 | | |
| | | 6.432 | 5741.60 | 7.065 | 5734.60 | 7.902 | 5736.27 | 9.584 | 5719.25 | 12.674 | 5712.58 | | |
| | | 6.426 | 5741.20 | 7.058 | 5734.30 | 7.896 | 5735.80 | 9.554 | 5718.88 | 12.64 | 5712.25 | | |
| | | 6.423 | 5740.83 | 7.053 | 5733.86 | 7.891 | 5735.57 | 9.525 | 5718.41 | 12.597 | 5711.85 | | |
| | | 6.423 | 5740.56 | 7.049 | 5733.56 | 7.889 | 5735.23 | 9.506 | 5718.11 | 12.566 | 5711.55 | | |
| | | 6.421 | 5740.19 | 7.047 | 5733.22 | 7.884 | 5734.96 | 9.485 | 5717.84 | 12.53 | 5711.21 | | |
| | | 6.421 | 5739.93 | 7.045 | 5732.89 | 7.878 | 5734.50 | 9.472 | 5717.58 | 12.497 | 5710.88 | | |
| | | 6.415 | 5739.53 | 7.034 | 5732.56 | 7.876 | 5734.13 | 9.44 | 5717.14 | 12.471 | 5710.54 | | |
| | | 6.411 | 5739.19 | 7.022 | 5732.25 | 7.874 | 5733.96 | 9.388 | 5716.84 | 12.426 | 5710.08 | | |
| | | 6.408 | 5738.86 | 7.011 | 5731.92 | 7.863 | 5733.42 | 9.328 | 5716.51 | 12.352 | 5709.74 | | |
| | | 6.41 | 5738.49 | 6.997 | 5731.59 | 7.854 | 5733.16 | 9.279 | 5716.21 | 12.285 | 5709.47 | | |
| | | 6.41 | 5738.22 | 6.98 | 5731.25 | 7.842 | 5732.79 | 9.242 | 5715.87 | 12.229 | 5709.17 | | |
| | | 6.411 | 5737.85 | 6.967 | 5730.92 | 7.836 | 5732.49 | 9.202 | 5715.47 | 12.168 | 5708.84 | | |
| | | 6.413 | 5737.55 | 6.957 | 5730.48 | 7.828 | 5732.19 | 9.164 | 5715.10 | 12.062 | 5708.50 | | |
| | | 6.413 | 5737.25 | 6.947 | 5730.05 | 7.825 | 5731.92 | 9.144 | 5714.97 | | | | |
| | | 6.412 | 5736.88 | 6.941 | 5729.68 | 7.82 | 5731.58 | 9.114 | 5714.60 | | | | |
| | | 6.411 | 5736.55 | 6.938 | 5729.31 | 7.812 | 5731.25 | 9.094 | 5714.27 | | | | |
| | | 6.41 | 5736.11 | 6.935 | 5728.94 | 7.793 | 5730.88 | 9.087 | 5713.83 | | | | |
| | | 6.41 | 5735.84 | 6.933 | 5728.61 | 7.759 | 5730.51 | 9.077 | 5713.46 | | | | |
| | | 6.41 | 5735.51 | 6.932 | 5728.27 | 7.721 | 5730.21 | 9.061 | 5713.13 | | | | |
| | | 6.409 | 5735.14 | 6.931 | 5727.94 | 7.685 | 5729.91 | 9.044 | 5712.83 | | | | |
| | | 6.409 | 5734.91 | 6.93 | 5727.60 | 7.66 | 5729.54 | 9.025 | 5712.56 | | | | |
| | | 6.39 | 5734.54 | 6.928 | 5727.30 | 7.637 | 5729.21 | 8.998 | 5712.09 | | | | |
| | | 6.37 | 5734.17 | 6.926 | 5726.97 | 7.624 | 5728.81 | 8.97 | 5711.86 | | | | |
| | | 6.359 | 5733.90 | 6.924 | 5726.63 | 7.615 | 5728.51 | 8.935 | 5711.49 | | | | |
| | | 6.348 | 5733.54 | 6.921 | 5726.20 | 7.611 | 5728.17 | 8.868 | 5711.25 | | | | |
| | | 6.34 | 5733.20 | 6.92 | 5725.90 | 7.607 | 5727.97 | 8.858 | 5710.85 | | | | |
| | | 6.336 | 5732.90 | 6.918 | 5725.56 | 7.6 | 5727.47 | 8.838 | 5710.42 | | | | |
| | | 6.33 | 5732.57 | 6.916 | 5725.23 | 7.598 | 5727.17 | 8.822 | 5710.12 | | | | |
| | | 6.328 | 5732.23 | 6.915 | 5724.83 | 7.596 | 5726.87 | 8.808 | 5709.75 | | | | |
| | | 6.323 | 5731.90 | 6.915 | 5724.49 | 7.591 | 5726.43 | 8.8 | 5709.38 | | | | |
| | | 6.319 | 5731.53 | 6.913 | 5724.12 | 7.585 | 5726.23 | 8.791 | 5709.01 | | | | |
| | | 6.317 | 5731.13 | 6.911 | 5723.79 | 7.579 | 5725.90 | 8.692 | 5708.68 | | | | |
| | | 6.316 | 5730.86 | 6.906 | 5723.46 | 7.572 | 5725.53 | 8.47 | 5708.61 | | | | |
| | | 6.315 | 5730.49 | 6.901 | 5723.09 | 7.568 | 5725.13 | 8.062 | 5708.31 | | | | |
| | | 6.314 | 5730.29 | 6.898 | 5722.72 | 7.566 | 5724.86 | | | | | | |
| | | 6.314 | 5729.92 | 6.891 | 5722.28 | 7.561 | 5724.53 | | | | | | |
| | | 6.314 | 5729.59 | 6.881 | 5721.98 | 7.558 | 5724.16 | | | | | | |
| | | 6.314 | 5729.19 | 6.872 | 5721.68 | 7.552 | 5723.82 | | | | | | |
| | | 6.314 | 5728.82 | 6.864 | 5721.35 | 7.546 | 5723.56 | | | | | | |
| | | 6.315 | 5728.52 | 6.857 | 5721.01 | 7.503 | 5723.12 | | | | | | |
| | | 6.315 | 5728.18 | 6.852 | 5720.68 | 7.456 | 5722.69 | | | | | | |
| | | 6.315 | 5727.78 | 6.849 | 5720.34 | 7.435 | 5722.35 | | | | | | |
| | | 6.316 | 5727.51 | 6.846 | 5720.01 | 7.417 | 5722.18 | | | | | | |
| | | 6.315 | 5727.21 | 6.846 | 5719.64 | 7.399 | 5721.78 | | | | | | |
| | | 6.314 | 5726.91 | 6.844 | 5719.31 | 7.386 | 5721.41 | | | | | | |
| | | 6.314 | 5726.51 | 6.843 | 5718.94 | 7.372 | 5721.11 | | | | | | |
| | | 6.315 | 5726.11 | 6.842 | 5718.47 | 7.365 | 5720.88 | | | | | | |
| | | 6.315 | 5725.91 | 6.842 | 5718.14 | 7.35 | 5720.48 | | | | | | |
| | | 6.315 | 5725.51 | 6.842 | 5717.77 | 7.326 | 5720.18 | | | | | | |
| | | 6.315 | 5725.24 | 6.842 | 5717.40 | 7.3 | 5719.84 | | | | | | |
| | | 6.316 | 5724.87 | 6.841 | 5717.07 | 7.262 | 5719.51 | | | | | | |
| | | 6.315 | 5724.54 | 6.839 | 5716.73 | 7.236 | 5719.11 | | | | | | |
| | | 6.314 | 5724.10 | 6.838 | 5716.40 | 7.224 | 5718.84 | | | | | | |
| | | 6.314 | 5723.80 | 6.837 | 5716.03 | 7.203 | 5718.54 | | | | | | |
| | | 6.315 | 5723.53 | 6.835 | 5715.69 | 7.188 | 5718.14 | | | | | | |
| | | 6.315 | 5723.13 | 6.832 | 5715.36 | 7.178 | 5717.83 | | | | | | |
| | | 6.315 | 5722.83 | 6.83 | 5715.02 | 7.168 | 5717.53 | | | | | | |
| | | 6.316 | 5722.50 | 6.824 | 5714.56 | 7.16 | 5717.27 | | | | | | |
| | | 6.315 | 5722.13 | 6.821 | 5714.26 | 7.152 | 5716.83 | | | | | | |
| | | 6.314 | 5721.86 | 6.817 | 5713.99 | 7.151 | 5716.53 | | | | | | |
| | | 6.312 | 5721.43 | 6.806 | 5713.59 | 7.144 | 5716.23 | | | | | | |

Lower bear River Reservoir mid Reservoir (LBR2) Monthly Temperature Profiles

Table C1-2

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6.312 | 5721.16 | 6.799 | 5713.25 | 7.136 | 5715.79 | | | | | | |
| | | 6.311 | 5720.72 | 6.795 | 5712.98 | 7.13 | 5715.56 | | | | | | |
| | | 6.311 | 5720.46 | 6.791 | 5712.68 | 7.116 | 5715.02 | | | | | | |
| | | 6.311 | 5720.09 | 6.789 | 5712.38 | 7.112 | 5714.76 | | | | | | |
| | | 6.312 | 5719.82 | 6.788 | 5712.05 | 7.109 | 5714.56 | | | | | | |
| | | 6.312 | 5719.52 | 6.787 | 5711.75 | 7.105 | 5714.19 | | | | | | |
| | | 6.313 | 5719.02 | 6.785 | 5711.45 | 7.1 | 5713.79 | | | | | | |
| | | 6.31 | 5718.72 | 6.781 | 5710.88 | 7.099 | 5713.39 | | | | | | |
| | | 6.309 | 5718.45 | 6.778 | 5710.58 | 7.097 | 5713.08 | | | | | | |
| | | 6.307 | 5718.15 | 6.775 | 5710.27 | 7.097 | 5712.85 | | | | | | |
| | | 6.305 | 5717.75 | 6.773 | 5709.97 | 7.097 | 5712.38 | | | | | | |
| | | 6.306 | 5717.48 | 6.767 | 5709.64 | 7.097 | 5712.08 | | | | | | |
| | | 6.306 | 5717.01 | 6.762 | 5709.30 | 7.097 | 5711.81 | | | | | | |
| | | 6.305 | 5716.74 | 6.759 | 5709.04 | 7.097 | 5711.55 | | | | | | |
| | | 6.303 | 5716.47 | 6.755 | 5708.70 | 7.097 | 5711.08 | | | | | | |
| | | 6.301 | 5716.07 | | | 7.097 | 5710.74 | | | | | | |
| | | 6.301 | 5715.81 | | | 7.097 | 5710.47 | | | | | | |
| | | 6.301 | 5715.40 | | | 7.096 | 5710.11 | | | | | | |
| | | 6.302 | 5715.14 | | | 7.099 | 5709.94 | | | | | | |
| | | 6.303 | 5714.73 | | | | | | | | | | |
| | | 6.303 | 5714.47 | | | | | | | | | | |
| | | 6.3 | 5714.00 | | | | | | | | | | |
| | | 6.301 | 5713.73 | | | | | | | | | | |
| | | 6.301 | 5713.53 | | | | | | | | | | |
| | | 6.299 | 5713.16 | | | | | | | | | | |
| | | 6.299 | 5712.79 | | | | | | | | | | |
| | | 6.299 | 5712.46 | | | | | | | | | | |
| | | 6.298 | 5712.06 | | | | | | | | | | |
| | | 6.297 | 5711.86 | | | | | | | | | | |
| | | 6.296 | 5711.46 | | | | | | | | | | |
| | | 6.296 | 5711.16 | | | | | | | | | | |
| | | 6.296 | 5710.79 | | | | | | | | | | |
| | | 6.296 | 5710.45 | | | | | | | | | | |
| | | 6.296 | 5710.05 | | | | | | | | | | |
| | | 6.296 | 5709.82 | | | | | | | | | | |
| | | 6.296 | 5709.45 | | | | | | | | | | |
| | | 6.295 | 5709.05 | | | | | | | | | | |
| | | 6.296 | 5708.68 | | | | | | | | | | |
| | | 6.295 | 5708.41 | | | | | | | | | | |
| | | 6.294 | 5708.08 | | | | | | | | | | |
| | | 6.293 | 5707.71 | | | | | | | | | | |
| | | 6.264 | 5707.51 | | | | | | | | | | |
| | | 6.09 | 5707.24 | | | | | | | | | | |
| | | 6.072 | 5706.84 | | | | | | | | | | |

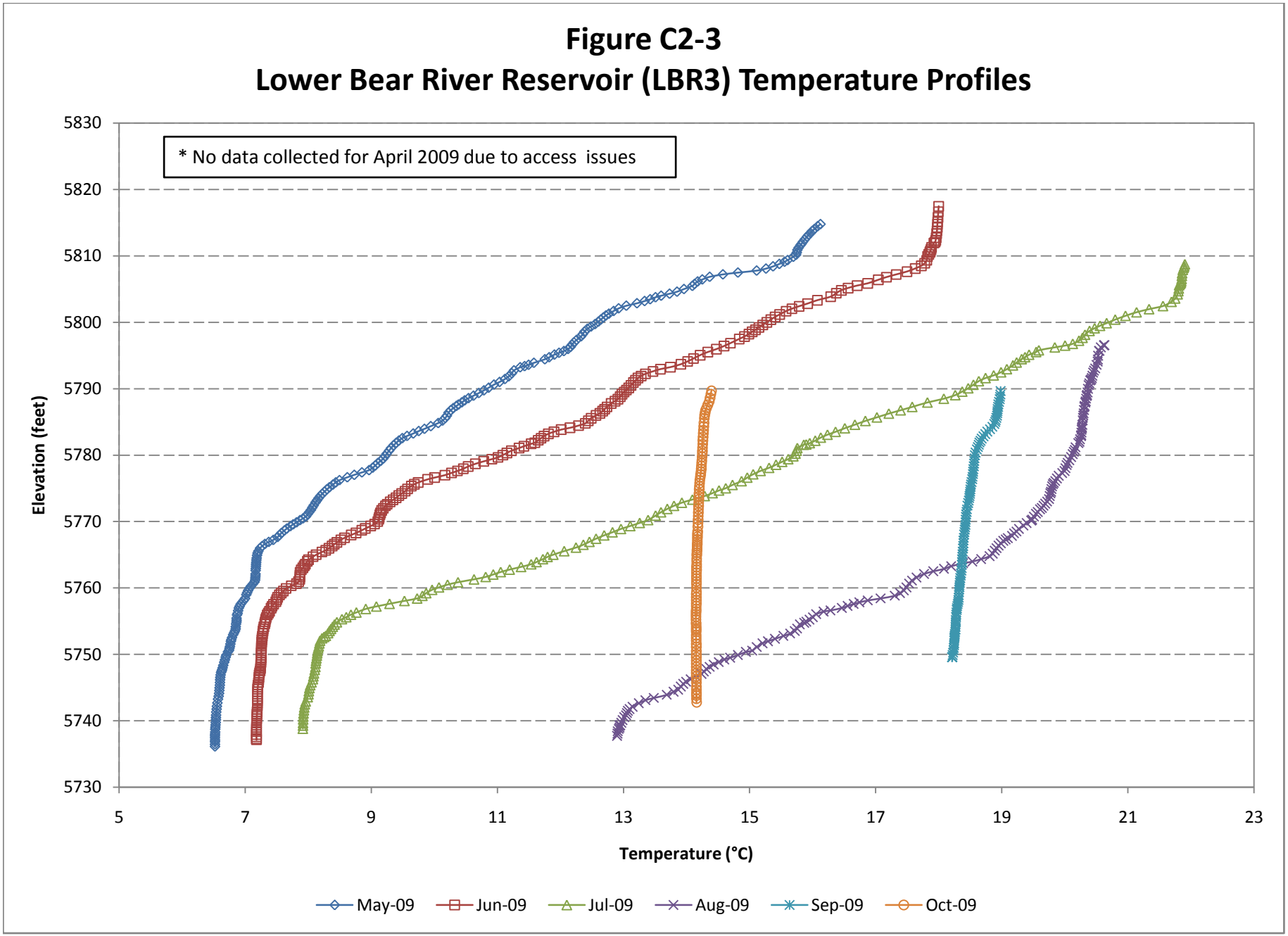


Figure C2-3
Lower Bear River Reservoir (LBR3) Temperature Profiles
* No data collected for April 2009 due to access issues
Elevation (feet)
5830
5820
5810
5800
5790
5780
5770
5760
5750
5740
5730
5
7
9
11
13
15
17
19
21
23
Temperature (°C)
May-09
Jun-09
Jul-09
Aug-09
Sep-09
Oct-09

Lower Bear River Reservoir Inlet (LBR3) Monthly Temperature Profiles

Table C1-3

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No profiles due to | | 16.126 | 5814.77 | 18.002 | 5817.46 | 21.904 | 5808.73 | 20.631 | 5796.57 | 18.982 | 5789.67 | 14.397 | 5789.70 |
| access issues | | 16.083 | 5814.46 | 17.996 | 5816.66 | 21.893 | 5808.43 | 20.622 | 5796.53 | 18.977 | 5789.13 | 14.387 | 5789.20 |
| | | 16.027 | 5814.00 | 17.99 | 5815.79 | 21.884 | 5808.20 | 20.573 | 5796.23 | 18.973 | 5788.80 | 14.375 | 5788.63 |
| | | 15.994 | 5813.73 | 17.985 | 5815.12 | 21.871 | 5807.90 | 20.551 | 5795.70 | 18.968 | 5788.43 | 14.361 | 5788.09 |
| | | 15.969 | 5813.43 | 17.982 | 5814.79 | 21.86 | 5807.39 | 20.543 | 5795.70 | 18.958 | 5788.03 | 14.338 | 5787.59 |
| | | 15.938 | 5813.16 | 17.979 | 5814.29 | 21.856 | 5806.99 | 20.53 | 5794.96 | 18.947 | 5787.66 | 14.318 | 5787.12 |
| | | 15.911 | 5812.86 | 17.975 | 5813.78 | 21.852 | 5806.52 | 20.527 | 5794.39 | 18.943 | 5787.29 | 14.303 | 5786.75 |
| | | 15.876 | 5812.46 | 17.969 | 5813.35 | 21.846 | 5806.19 | 20.523 | 5794.09 | 18.935 | 5786.96 | 14.295 | 5786.39 |
| | | 15.849 | 5812.12 | 17.962 | 5812.75 | 21.84 | 5805.96 | 20.505 | 5793.59 | 18.932 | 5786.62 | 14.288 | 5786.02 |
| | | 15.827 | 5811.82 | 17.954 | 5812.35 | 21.829 | 5805.79 | 20.483 | 5793.05 | 18.928 | 5786.32 | 14.283 | 5785.55 |
| | | 15.808 | 5811.59 | 17.945 | 5812.08 | 21.813 | 5805.59 | 20.464 | 5792.72 | 18.925 | 5785.95 | 14.277 | 5784.88 |
| | | 15.78 | 5811.22 | 17.926 | 5811.94 | 21.807 | 5805.09 | 20.45 | 5792.42 | 18.914 | 5785.62 | 14.274 | 5784.35 |
| | | 15.76 | 5810.89 | 17.889 | 5811.28 | 21.8 | 5804.68 | 20.439 | 5791.95 | 18.905 | 5785.28 | 14.27 | 5783.78 |
| | | 15.75 | 5810.48 | 17.88 | 5810.97 | 21.789 | 5804.22 | 20.43 | 5791.61 | 18.895 | 5785.02 | 14.266 | 5783.28 |
| | | 15.739 | 5810.15 | 17.869 | 5810.71 | 21.749 | 5803.58 | 20.42 | 5791.38 | 18.882 | 5784.71 | 14.263 | 5782.74 |
| | | 15.695 | 5809.85 | 17.861 | 5810.54 | 21.692 | 5803.08 | 20.404 | 5791.25 | 18.852 | 5784.28 | 14.26 | 5782.24 |
| | | 15.604 | 5809.35 | 17.844 | 5810.24 | 21.557 | 5802.44 | 20.39 | 5790.81 | 18.814 | 5783.91 | 14.257 | 5781.67 |
| | | 15.557 | 5809.11 | 17.825 | 5809.94 | 21.336 | 5801.97 | 20.38 | 5790.54 | 18.772 | 5783.54 | 14.254 | 5781.13 |
| | | 15.474 | 5808.78 | 17.813 | 5809.34 | 21.138 | 5801.51 | 20.37 | 5789.97 | 18.739 | 5783.18 | 14.252 | 5780.63 |
| | | 15.374 | 5808.41 | 17.779 | 5808.90 | 20.962 | 5800.97 | 20.363 | 5789.44 | 18.712 | 5782.84 | 14.25 | 5780.23 |
| | | 15.262 | 5808.07 | 17.726 | 5808.50 | 20.799 | 5800.40 | 20.355 | 5789.07 | 18.683 | 5782.51 | 14.247 | 5779.76 |
| | | 15.114 | 5807.77 | 17.631 | 5808.10 | 20.663 | 5799.87 | 20.348 | 5788.90 | 18.664 | 5782.17 | 14.243 | 5779.19 |
| | | 14.817 | 5807.47 | 17.499 | 5807.63 | 20.558 | 5799.47 | 20.339 | 5788.50 | 18.648 | 5781.90 | 14.24 | 5778.83 |
| | | 14.579 | 5807.20 | 17.328 | 5807.19 | 20.473 | 5799.10 | 20.334 | 5788.10 | 18.636 | 5781.57 | 14.237 | 5778.36 |
| | | 14.369 | 5806.84 | 17.173 | 5806.79 | 20.392 | 5798.70 | 20.327 | 5787.90 | 18.622 | 5781.23 | 14.234 | 5777.92 |
| | | 14.252 | 5806.44 | 17.045 | 5806.39 | 20.32 | 5798.13 | 20.316 | 5787.40 | 18.606 | 5780.87 | 14.23 | 5777.49 |
| | | 14.178 | 5806.13 | 16.877 | 5805.86 | 20.281 | 5797.66 | 20.31 | 5787.23 | 18.587 | 5780.40 | 14.224 | 5777.09 |
| | | 14.129 | 5805.77 | 16.709 | 5805.52 | 20.224 | 5797.22 | 20.306 | 5786.80 | 18.577 | 5780.00 | 14.218 | 5776.68 |
| | | 14.094 | 5805.47 | 16.564 | 5805.15 | 20.126 | 5796.76 | 20.3 | 5786.29 | 18.57 | 5779.53 | 14.211 | 5776.25 |
| | | 13.961 | 5805.00 | 16.457 | 5804.82 | 20.004 | 5796.49 | 20.294 | 5785.96 | 18.566 | 5779.13 | 14.208 | 5775.78 |
| | | 13.851 | 5804.60 | 16.378 | 5804.38 | 19.841 | 5796.22 | 20.289 | 5785.63 | 18.561 | 5778.73 | 14.204 | 5775.31 |
| | | 13.733 | 5804.29 | 16.288 | 5803.85 | 19.588 | 5795.79 | 20.286 | 5785.22 | 18.557 | 5778.32 | 14.202 | 5774.88 |
| | | 13.599 | 5803.99 | 16.077 | 5803.31 | 19.545 | 5795.52 | 20.281 | 5784.55 | 18.552 | 5777.89 | 14.199 | 5774.24 |
| | | 13.51 | 5803.76 | 15.922 | 5802.81 | 19.433 | 5795.12 | 20.275 | 5784.22 | 18.548 | 5777.52 | 14.197 | 5773.81 |
| | | 13.425 | 5803.46 | 15.788 | 5802.41 | 19.369 | 5794.75 | 20.272 | 5784.05 | 18.544 | 5777.15 | 14.195 | 5773.37 |
| | | 13.337 | 5803.19 | 15.674 | 5802.04 | 19.315 | 5794.45 | 20.268 | 5783.82 | 18.538 | 5776.75 | 14.193 | 5772.84 |
| | | 13.216 | 5802.86 | 15.581 | 5801.67 | 19.236 | 5793.95 | 20.266 | 5783.38 | 18.532 | 5776.38 | 14.191 | 5772.37 |
| | | 13.047 | 5802.49 | 15.479 | 5801.17 | 19.177 | 5793.51 | 20.263 | 5783.02 | 18.521 | 5775.95 | 14.19 | 5771.87 |
| | | 12.925 | 5802.09 | 15.407 | 5800.80 | 19.081 | 5792.94 | 20.259 | 5782.85 | 18.513 | 5775.58 | 14.188 | 5771.37 |
| | | 12.845 | 5801.68 | 15.339 | 5800.40 | 18.989 | 5792.47 | 20.243 | 5782.38 | 18.507 | 5775.25 | 14.186 | 5770.83 |
| | | 12.77 | 5801.28 | 15.275 | 5800.00 | 18.872 | 5792.00 | 20.235 | 5782.01 | 18.504 | 5774.84 | 14.184 | 5770.29 |
| | | 12.723 | 5801.02 | 15.21 | 5799.60 | 18.743 | 5791.60 | 20.216 | 5781.81 | 18.5 | 5774.51 | 14.182 | 5769.79 |
| | | 12.683 | 5800.71 | 15.15 | 5799.23 | 18.636 | 5791.13 | 20.171 | 5781.18 | 18.496 | 5774.18 | 14.18 | 5769.26 |
| | | 12.644 | 5800.41 | 15.095 | 5798.86 | 18.551 | 5790.60 | 20.161 | 5780.77 | 18.491 | 5773.84 | 14.177 | 5768.52 |
| | | 12.603 | 5800.08 | 15.042 | 5798.56 | 18.468 | 5790.06 | 20.144 | 5780.51 | 18.485 | 5773.54 | 14.174 | 5768.12 |
| | | 12.55 | 5799.71 | 14.991 | 5798.23 | 18.373 | 5789.56 | 20.126 | 5780.14 | 18.478 | 5773.17 | 14.173 | 5767.72 |
| | | 12.486 | 5799.34 | 14.922 | 5797.86 | 18.262 | 5789.03 | 20.101 | 5779.70 | 18.468 | 5772.80 | 14.172 | 5767.35 |
| | | 12.429 | 5799.01 | 14.838 | 5797.49 | 18.081 | 5788.49 | 20.072 | 5779.24 | 18.459 | 5772.40 | 14.171 | 5766.98 |
| | | 12.382 | 5798.57 | 14.698 | 5796.86 | 17.821 | 5787.92 | 20.046 | 5778.83 | 18.449 | 5771.83 | 14.17 | 5766.61 |
| | | 12.356 | 5798.21 | 14.597 | 5796.42 | 17.58 | 5787.25 | 20.029 | 5778.50 | 18.443 | 5771.43 | 14.169 | 5766.31 |
| | | 12.329 | 5797.87 | 14.475 | 5795.95 | 17.396 | 5786.75 | 20.013 | 5778.03 | 18.438 | 5771.06 | 14.168 | 5765.98 |
| | | 12.257 | 5797.34 | 14.34 | 5795.52 | 17.209 | 5786.25 | 19.997 | 5777.60 | 18.434 | 5770.70 | 14.166 | 5765.68 |
| | | 12.216 | 5796.97 | 14.218 | 5795.05 | 17.02 | 5785.68 | 19.96 | 5777.29 | 18.43 | 5770.29 | 14.164 | 5765.31 |
| | | 12.188 | 5796.63 | 14.113 | 5794.55 | 16.837 | 5785.15 | 19.905 | 5776.89 | 18.428 | 5769.89 | 14.163 | 5764.98 |
| | | 12.164 | 5796.30 | 14.02 | 5794.11 | 16.671 | 5784.58 | 19.876 | 5776.49 | 18.425 | 5769.49 | 14.161 | 5764.44 |
| | | 12.122 | 5795.96 | 13.912 | 5793.68 | 16.511 | 5784.04 | 19.849 | 5776.09 | 18.421 | 5769.12 | 14.161 | 5764.04 |
| | | 12.057 | 5795.66 | 13.747 | 5793.24 | 16.364 | 5783.51 | 19.826 | 5775.82 | 18.415 | 5768.79 | 14.161 | 5763.57 |
| | | 11.98 | 5795.40 | 13.587 | 5792.94 | 16.236 | 5783.07 | 19.812 | 5775.62 | 18.41 | 5768.42 | 14.159 | 5763.17 |
| | | 11.907 | 5795.13 | 13.469 | 5792.61 | 16.13 | 5782.64 | 19.8 | 5775.29 | 18.404 | 5768.05 | 14.159 | 5762.73 |
| | | 11.824 | 5794.73 | 13.349 | 5792.24 | 16.042 | 5782.17 | 19.79 | 5774.89 | 18.399 | 5767.55 | 14.158 | 5762.30 |
| | | 11.755 | 5794.43 | 13.282 | 5791.90 | 15.955 | 5781.80 | 19.783 | 5774.48 | 18.395 | 5767.15 | 14.158 | 5761.83 |
| | | 11.581 | 5793.89 | 13.231 | 5791.60 | 15.899 | 5781.60 | 19.773 | 5774.25 | 18.393 | 5766.72 | 14.157 | 5761.43 |
| | | 11.497 | 5793.59 | 13.192 | 5791.27 | 15.861 | 5781.57 | 19.763 | 5773.85 | 18.391 | 5766.31 | 14.157 | 5760.99 |
| | | 11.434 | 5793.39 | 13.159 | 5790.93 | 15.758 | 5781.06 | 19.751 | 5773.38 | 18.386 | 5765.95 | 14.157 | 5760.59 |
| | | 11.364 | 5793.22 | 13.121 | 5790.50 | 15.748 | 5780.66 | 19.721 | 5773.01 | 18.382 | 5765.48 | 14.157 | 5760.06 |
| | | 11.265 | 5792.75 | 13.086 | 5790.13 | 15.729 | 5780.23 | 19.691 | 5772.68 | 18.379 | 5765.08 | 14.157 | 5759.49 |
| | | 11.231 | 5792.32 | 13.048 | 5789.80 | 15.695 | 5779.83 | 19.664 | 5772.38 | 18.376 | 5764.71 | 14.156 | 5759.09 |
| | | 11.182 | 5791.85 | 13.012 | 5789.50 | 15.613 | 5779.39 | 19.637 | 5772.04 | 18.374 | 5764.31 | 14.156 | 5758.62 |
| | | 11.121 | 5791.45 | 12.979 | 5789.16 | 15.517 | 5778.99 | 19.608 | 5771.84 | 18.372 | 5763.90 | 14.156 | 5758.15 |
| | | 11.037 | 5791.01 | 12.95 | 5788.79 | 15.42 | 5778.56 | 19.572 | 5771.44 | 18.369 | 5763.50 | 14.155 | 5757.68 |
| | | 10.948 | 5790.61 | 12.915 | 5788.43 | 15.31 | 5778.09 | 19.545 | 5771.17 | 18.366 | 5763.00 | 14.154 | 5757.28 |
| | | 10.864 | 5790.14 | 12.868 | 5788.12 | 15.175 | 5777.62 | 19.513 | 5770.74 | 18.361 | 5762.60 | 14.154 | 5756.85 |
| | | 10.788 | 5789.74 | 12.807 | 5787.79 | 15.058 | 5777.12 | 19.485 | 5770.27 | 18.355 | 5762.20 | 14.152 | 5756.48 |
| | | 10.707 | 5789.34 | 12.741 | 5787.25 | 14.964 | 5776.62 | 19.468 | 5770.14 | 18.35 | 5761.86 | 14.151 | 5756.08 |
| | | 10.623 | 5788.94 | 12.703 | 5786.92 | 14.873 | 5776.08 | 19.396 | 5769.77 | 18.344 | 5761.50 | 14.151 | 5755.67 |
| | | 10.544 | 5788.57 | 12.67 | 5786.62 | 14.73 | 5775.51 | 19.344 | 5769.40 | 18.34 | 5761.13 | 14.151 | 5755.24 |
| | | 10.483 | 5788.24 | 12.629 | 5786.28 | 14.623 | 5775.01 | 19.274 | 5768.90 | 18.336 | 5760.79 | 14.152 | 5754.70 |
| | | 10.438 | 5787.93 | 12.566 | 5785.98 | 14.516 | 5774.67 | 19.235 | 5768.50 | 18.332 | 5760.43 | 14.153 | 5754.27 |
| | | 10.384 | 5787.60 | 12.488 | 5785.55 | 14.414 | 5774.27 | 19.196 | 5768.23 | 18.329 | 5760.09 | 14.153 | 5753.94 |
| | | 10.351 | 5787.40 | 12.444 | 5785.18 | 14.289 | 5773.84 | 19.163 | 5767.83 | 18.327 | 5759.76 | 14.154 | 5753.70 |
| | | 10.302 | 5787.06 | 12.396 | 5784.78 | 14.094 | 5773.30 | 19.098 | 5767.49 | 18.324 | 5759.36 | 14.154 | 5753.43 |
| | | 10.263 | 5786.76 | 12.289 | 5784.44 | 13.927 | 5772.83 | 19.064 | 5767.29 | 18.321 | 5758.92 | 14.154 | 5752.90 |
| | | 10.228 | 5786.40 | 12.153 | 5784.11 | 13.802 | 5772.37 | 19.026 | 5767.09 | 18.318 | 5758.55 | 14.153 | 5752.50 |
| | | 10.201 | 5785.93 | 12.014 | 5783.84 | 13.696 | 5771.90 | 18.986 | 5766.72 | 18.315 | 5758.22 | 14.154 | 5752.10 |
| | | 10.176 | 5785.59 | 11.898 | 5783.51 | 13.596 | 5771.40 | 18.95 | 5766.39 | 18.31 | 5757.88 | 14.155 | 5751.59 |
| | | 10.132 | 5785.19 | 11.809 | 5783.21 | 13.51 | 5770.89 | 18.919 | 5765.99 | 18.303 | 5757.58 | 14.155 | 5751.13 |
| | | 10.064 | 5784.82 | 11.743 | 5782.87 | 13.391 | 5770.23 | 18.891 | 5765.62 | 18.296 | 5757.28 | 14.155 | 5750.52 |
| | | 9.946 | 5784.36 | 11.694 | 5782.54 | 13.258 | 5769.79 | 18.859 | 5765.15 | 18.291 | 5756.95 | 14.155 | 5750.02 |
| | | 9.846 | 5783.95 | 11.649 | 5782.24 | 13.108 | 5769.32 | 18.809 | 5764.78 | 18.286 | 5756.68 | 14.155 | 5749.59 |
| | | 9.755 | 5783.62 | 11.596 | 5781.87 | 12.961 | 5768.89 | 18.674 | 5764.35 | 18.282 | 5756.31 | 14.156 | 5749.08 |
| | | 9.668 | 5783.25 | 11.537 | 5781.70 | 12.827 | 5768.39 | 18.535 | 5763.98 | 18.279 | 5755.98 | 14.156 | 5748.62 |

Lower Bear River Reservoir Inlet (LBR3) Monthly Temperature Profiles

Table C1-3

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 9.57 | 5782.88 | 11.422 | 5781.33 | 12.695 | 5767.92 | 18.387 | 5763.71 | 18.277 | 5755.64 | 14.156 | 5748.11 |
| | | 9.494 | 5782.55 | 11.346 | 5781.07 | 12.566 | 5767.42 | 18.199 | 5763.28 | 18.274 | 5755.17 | 14.156 | 5747.61 |
| | | 9.44 | 5782.18 | 11.225 | 5780.66 | 12.461 | 5766.95 | 18.084 | 5762.88 | 18.272 | 5754.84 | 14.156 | 5747.18 |
| | | 9.397 | 5781.85 | 11.153 | 5780.33 | 12.365 | 5766.51 | 17.914 | 5762.51 | 18.271 | 5754.50 | 14.156 | 5746.71 |
| | | 9.357 | 5781.48 | 11.088 | 5779.99 | 12.248 | 5766.08 | 17.769 | 5762.11 | 18.27 | 5754.14 | 14.157 | 5746.27 |
| | | 9.314 | 5781.04 | 11.011 | 5779.66 | 12.061 | 5765.54 | 17.648 | 5761.57 | 18.268 | 5753.73 | 14.157 | 5745.77 |
| | | 9.286 | 5780.67 | 10.914 | 5779.39 | 11.888 | 5765.01 | 17.577 | 5761.10 | 18.264 | 5753.40 | 14.157 | 5745.17 |
| | | 9.246 | 5780.21 | 10.784 | 5779.06 | 11.797 | 5764.67 | 17.531 | 5760.67 | 18.258 | 5753.07 | 14.157 | 5744.70 |
| | | 9.22 | 5779.84 | 10.653 | 5778.69 | 11.723 | 5764.34 | 17.489 | 5760.07 | 18.255 | 5752.80 | 14.157 | 5744.23 |
| | | 9.194 | 5779.50 | 10.538 | 5778.29 | 11.622 | 5763.90 | 17.448 | 5759.63 | 18.252 | 5752.56 | 14.158 | 5743.80 |
| | | 9.153 | 5779.14 | 10.461 | 5777.95 | 11.537 | 5763.57 | 17.387 | 5759.23 | 18.25 | 5752.36 | 14.157 | 5743.33 |
| | | 9.106 | 5778.80 | 10.368 | 5777.62 | 11.377 | 5763.17 | 17.303 | 5758.83 | 18.248 | 5752.06 | 14.158 | 5744.10 |
| | | 9.066 | 5778.43 | 10.273 | 5777.32 | 11.196 | 5762.76 | 17.078 | 5758.43 | 18.247 | 5751.66 | 14.16 | 5742.79 |
| | | 9.024 | 5778.10 | 10.169 | 5776.98 | 11.054 | 5762.40 | 16.875 | 5758.13 | 18.244 | 5751.36 | | |
| | | 8.967 | 5777.73 | 10.005 | 5776.62 | 10.936 | 5762.03 | 16.742 | 5757.82 | 18.242 | 5750.99 | | |
| | | 8.854 | 5777.40 | 9.894 | 5776.35 | 10.816 | 5761.66 | 16.652 | 5757.59 | 18.238 | 5750.62 | | |
| | | 8.733 | 5777.03 | 9.744 | 5775.88 | 10.631 | 5761.29 | 16.555 | 5757.29 | 18.231 | 5750.26 | | |
| | | 8.622 | 5776.66 | 9.685 | 5775.61 | 10.377 | 5760.86 | 16.465 | 5756.99 | 18.223 | 5749.89 | | |
| | | 8.498 | 5776.23 | 9.636 | 5775.34 | 10.211 | 5760.49 | 16.284 | 5756.62 | 18.219 | 5749.59 | | |
| | | 8.439 | 5775.89 | 9.576 | 5774.91 | 10.075 | 5760.09 | 16.174 | 5756.45 | 18.212 | 5749.55 | | |
| | | 8.394 | 5775.56 | 9.538 | 5774.58 | 9.966 | 5759.72 | 16.057 | 5756.05 | | | | |
| | | 8.338 | 5775.15 | 9.483 | 5774.21 | 9.872 | 5759.22 | 16.005 | 5755.58 | | | | |
| | | 8.299 | 5774.85 | 9.438 | 5773.91 | 9.812 | 5758.82 | 15.951 | 5755.21 | | | | |
| | | 8.263 | 5774.52 | 9.395 | 5773.57 | 9.729 | 5758.42 | 15.901 | 5754.91 | | | | |
| | | 8.226 | 5774.18 | 9.347 | 5773.27 | 9.527 | 5758.05 | 15.866 | 5754.75 | | | | |
| | | 8.194 | 5773.85 | 9.3 | 5772.97 | 9.291 | 5757.61 | 15.798 | 5754.51 | | | | |
| | | 8.166 | 5773.52 | 9.253 | 5772.60 | 9.082 | 5757.21 | 15.755 | 5753.88 | | | | |
| | | 8.141 | 5773.18 | 9.225 | 5772.37 | 8.914 | 5756.84 | 15.716 | 5753.51 | | | | |
| | | 8.119 | 5772.88 | 9.193 | 5772.00 | 8.765 | 5756.31 | 15.644 | 5753.14 | | | | |
| | | 8.09 | 5772.44 | 9.167 | 5771.66 | 8.679 | 5755.97 | 15.537 | 5752.77 | | | | |
| | | 8.068 | 5772.11 | 9.148 | 5771.30 | 8.605 | 5755.61 | 15.403 | 5752.34 | | | | |
| | | 8.045 | 5771.74 | 9.138 | 5771.03 | 8.536 | 5755.30 | 15.292 | 5751.97 | | | | |
| | | 8.017 | 5771.41 | 9.127 | 5770.63 | 8.456 | 5754.84 | 15.206 | 5751.67 | | | | |
| | | 7.993 | 5771.11 | 9.119 | 5770.36 | 8.419 | 5754.50 | 15.114 | 5751.10 | | | | |
| | | 7.968 | 5770.77 | 9.103 | 5769.99 | 8.39 | 5754.17 | 15.041 | 5750.56 | | | | |
| | | 7.92 | 5770.47 | 9.054 | 5769.62 | 8.363 | 5753.83 | 14.941 | 5750.36 | | | | |
| | | 7.872 | 5770.20 | 8.99 | 5769.32 | 8.339 | 5753.53 | 14.815 | 5749.90 | | | | |
| | | 7.816 | 5769.87 | 8.906 | 5768.95 | 8.316 | 5753.20 | 14.692 | 5749.49 | | | | |
| | | 7.763 | 5769.57 | 8.85 | 5768.69 | 8.28 | 5752.80 | 14.6 | 5749.23 | | | | |
| | | 7.719 | 5769.30 | 8.759 | 5768.29 | 8.253 | 5752.63 | 14.511 | 5748.82 | | | | |
| | | 7.662 | 5768.93 | 8.682 | 5767.98 | 8.221 | 5752.43 | 14.431 | 5748.46 | | | | |
| | | 7.626 | 5768.66 | 8.576 | 5767.55 | 8.189 | 5752.06 | 14.367 | 5748.12 | | | | |
| | | 7.576 | 5768.26 | 8.517 | 5767.25 | 8.178 | 5751.66 | 14.315 | 5747.79 | | | | |
| | | 7.547 | 5767.96 | 8.454 | 5766.85 | 8.168 | 5751.22 | 14.274 | 5747.42 | | | | |
| | | 7.516 | 5767.66 | 8.414 | 5766.58 | 8.159 | 5750.92 | 14.238 | 5747.05 | | | | |
| | | 7.448 | 5767.23 | 8.379 | 5766.31 | 8.149 | 5750.52 | 14.15 | 5746.68 | | | | |
| | | 7.376 | 5766.92 | 8.329 | 5765.98 | 8.144 | 5750.19 | 14.064 | 5746.25 | | | | |
| | | 7.315 | 5766.62 | 8.278 | 5765.68 | 8.139 | 5749.82 | 13.993 | 5745.88 | | | | |
| | | 7.27 | 5766.29 | 8.217 | 5765.41 | 8.131 | 5749.42 | 13.949 | 5745.55 | | | | |
| | | 7.238 | 5765.99 | 8.127 | 5765.01 | 8.125 | 5749.05 | 13.909 | 5745.14 | | | | |
| | | 7.212 | 5765.55 | 8.076 | 5764.71 | 8.119 | 5748.65 | 13.868 | 5744.68 | | | | |
| | | 7.199 | 5765.25 | 8.006 | 5764.24 | 8.115 | 5748.11 | 13.795 | 5744.37 | | | | |
| | | 7.191 | 5764.92 | 7.985 | 5764.00 | 8.105 | 5747.68 | 13.685 | 5743.91 | | | | |
| | | 7.185 | 5764.52 | 7.954 | 5763.57 | 8.092 | 5747.14 | 13.48 | 5743.44 | | | | |
| | | 7.181 | 5764.22 | 7.938 | 5763.33 | 8.083 | 5746.71 | 13.349 | 5743.10 | | | | |
| | | 7.178 | 5763.88 | 7.916 | 5763.03 | 8.075 | 5746.27 | 13.243 | 5742.64 | | | | |
| | | 7.175 | 5763.58 | 7.89 | 5762.73 | 8.053 | 5745.80 | 13.144 | 5742.10 | | | | |
| | | 7.174 | 5763.28 | 7.871 | 5762.36 | 8.033 | 5745.37 | 13.096 | 5741.77 | | | | |
| | | 7.171 | 5762.94 | 7.87 | 5761.90 | 8.02 | 5744.93 | 13.068 | 5741.50 | | | | |
| | | 7.169 | 5762.64 | 7.87 | 5761.63 | 8.011 | 5744.46 | 13.054 | 5741.16 | | | | |
| | | 7.167 | 5762.11 | 7.866 | 5761.29 | 8.005 | 5744.00 | 13.041 | 5740.83 | | | | |
| | | 7.166 | 5761.81 | 7.848 | 5760.96 | 7.993 | 5743.56 | 13.012 | 5740.53 | | | | |
| | | 7.163 | 5761.51 | 7.814 | 5760.66 | 7.962 | 5742.93 | 12.985 | 5740.09 | | | | |
| | | 7.161 | 5761.20 | 7.731 | 5760.32 | 7.947 | 5742.49 | 12.966 | 5739.69 | | | | |
| | | 7.15 | 5760.90 | 7.65 | 5759.92 | 7.938 | 5742.02 | 12.949 | 5739.32 | | | | |
| | | 7.124 | 5760.60 | 7.606 | 5759.52 | 7.932 | 5741.59 | 12.936 | 5739.29 | | | | |
| | | 7.094 | 5760.27 | 7.572 | 5759.22 | 7.927 | 5741.12 | 12.936 | 5738.96 | | | | |
| | | 7.07 | 5759.97 | 7.543 | 5758.95 | 7.923 | 5740.65 | 12.924 | 5738.75 | | | | |
| | | 7.05 | 5759.63 | 7.515 | 5758.58 | 7.921 | 5740.22 | 12.908 | 5738.42 | | | | |
| | | 7.034 | 5759.30 | 7.5 | 5758.25 | 7.919 | 5739.68 | 12.905 | 5738.05 | | | | |
| | | 7.021 | 5759.00 | 7.487 | 5757.91 | 7.918 | 5739.28 | 12.897 | 5737.72 | | | | |
| | | 7.001 | 5758.43 | 7.451 | 5757.55 | 7.916 | 5738.81 | | | | | | |
| | | 6.978 | 5758.13 | 7.428 | 5757.25 | | | | | | | | |
| | | 6.953 | 5757.83 | 7.411 | 5756.94 | | | | | | | | |
| | | 6.931 | 5757.56 | 7.386 | 5756.48 | | | | | | | | |
| | | 6.915 | 5757.26 | 7.369 | 5756.21 | | | | | | | | |
| | | 6.902 | 5756.99 | 7.352 | 5755.94 | | | | | | | | |
| | | 6.891 | 5756.59 | 7.335 | 5755.54 | | | | | | | | |
| | | 6.883 | 5756.19 | 7.326 | 5755.27 | | | | | | | | |
| | | 6.873 | 5755.95 | 7.32 | 5754.90 | | | | | | | | |
| | | 6.866 | 5755.45 | 7.312 | 5754.60 | | | | | | | | |
| | | 6.867 | 5755.15 | 7.297 | 5754.13 | | | | | | | | |
| | | 6.865 | 5754.88 | 7.289 | 5753.80 | | | | | | | | |
| | | 6.858 | 5754.58 | 7.283 | 5753.50 | | | | | | | | |
| | | 6.853 | 5754.18 | 7.278 | 5753.13 | | | | | | | | |
| | | 6.852 | 5753.84 | 7.273 | 5752.73 | | | | | | | | |
| | | 6.842 | 5753.54 | 7.269 | 5752.46 | | | | | | | | |
| | | 6.828 | 5753.28 | 7.265 | 5752.16 | | | | | | | | |
| | | 6.812 | 5752.97 | 7.262 | 5751.83 | | | | | | | | |
| | | 6.794 | 5752.54 | 7.26 | 5751.52 | | | | | | | | |
| | | 6.782 | 5752.20 | 7.259 | 5751.22 | | | | | | | | |

Lower Bear River Reservoir Inlet (LBR3) Monthly Temperature Profiles

Table C1-3

| April Temp (°C) | Elevation (feet) | May Temp (°C) | (5/26/09) Elevation (feet) | June Temp (°C) | (6/24/09) Elevation (feet) | July Temp (°C) | (7/21/09) Elevation (feet) | August Temp (°C) | (8/24/09) Elevation (feet) | September Temp (°C) | (9/28/09) Elevation (feet) | October Temp (°C) | (10/21/09) Elevation (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6.776 | 5751.97 | 7.258 | 5750.92 | | | | | | | | |
| | | 6.768 | 5751.57 | 7.256 | 5750.59 | | | | | | | | |
| | | 6.761 | 5751.20 | 7.255 | 5750.25 | | | | | | | | |
| | | 6.754 | 5750.93 | 7.255 | 5749.89 | | | | | | | | |
| | | 6.747 | 5750.63 | 7.255 | 5749.45 | | | | | | | | |
| | | 6.73 | 5750.40 | 7.253 | 5749.12 | | | | | | | | |
| | | 6.703 | 5749.90 | 7.25 | 5748.78 | | | | | | | | |
| | | 6.694 | 5749.60 | 7.246 | 5748.45 | | | | | | | | |
| | | 6.682 | 5749.19 | 7.246 | 5748.15 | | | | | | | | |
| | | 6.67 | 5748.83 | 7.243 | 5747.84 | | | | | | | | |
| | | 6.655 | 5748.36 | 7.237 | 5747.51 | | | | | | | | |
| | | 6.645 | 5747.99 | 7.228 | 5747.21 | | | | | | | | |
| | | 6.636 | 5747.69 | 7.221 | 5746.91 | | | | | | | | |
| | | 6.629 | 5747.49 | 7.218 | 5746.54 | | | | | | | | |
| | | 6.62 | 5747.29 | 7.216 | 5746.21 | | | | | | | | |
| | | 6.613 | 5746.92 | 7.211 | 5745.74 | | | | | | | | |
| | | 6.608 | 5746.55 | 7.203 | 5745.37 | | | | | | | | |
| | | 6.605 | 5746.18 | 7.199 | 5745.03 | | | | | | | | |
| | | 6.603 | 5745.78 | 7.197 | 5744.73 | | | | | | | | |
| | | 6.601 | 5745.38 | 7.196 | 5744.37 | | | | | | | | |
| | | 6.596 | 5744.98 | 7.196 | 5744.00 | | | | | | | | |
| | | 6.593 | 5744.58 | 7.194 | 5743.66 | | | | | | | | |
| | | 6.589 | 5744.14 | 7.195 | 5743.33 | | | | | | | | |
| | | 6.582 | 5743.71 | 7.196 | 5742.99 | | | | | | | | |
| | | 6.572 | 5743.27 | 7.195 | 5742.63 | | | | | | | | |
| | | 6.562 | 5742.70 | 7.195 | 5742.26 | | | | | | | | |
| | | 6.554 | 5742.20 | 7.192 | 5741.72 | | | | | | | | |
| | | 6.55 | 5741.77 | 7.19 | 5741.35 | | | | | | | | |
| | | 6.544 | 5741.33 | 7.186 | 5740.99 | | | | | | | | |
| | | 6.541 | 5740.86 | 7.185 | 5740.65 | | | | | | | | |
| | | 6.539 | 5740.50 | 7.183 | 5740.32 | | | | | | | | |
| | | 6.539 | 5740.16 | 7.182 | 5739.98 | | | | | | | | |
| | | 6.536 | 5739.76 | 7.181 | 5739.65 | | | | | | | | |
| | | 6.533 | 5739.39 | 7.181 | 5739.35 | | | | | | | | |
| | | 6.53 | 5739.06 | 7.18 | 5739.01 | | | | | | | | |
| | | 6.528 | 5738.76 | 7.18 | 5738.71 | | | | | | | | |
| | | 6.527 | 5738.32 | 7.18 | 5738.34 | | | | | | | | |
| | | 6.525 | 5738.02 | 7.18 | 5737.91 | | | | | | | | |
| | | 6.524 | 5737.75 | 7.179 | 5737.57 | | | | | | | | |
| | | 6.524 | 5737.45 | 7.179 | 5737.24 | | | | | | | | |
| | | 6.525 | 5737.12 | 7.18 | 5737.27 | | | | | | | | |
| | | 6.524 | 5736.85 | 7.18 | 5737.14 | | | | | | | | |
| | | 6.524 | 5736.48 | | | | | | | | | | |
| | | 6.524 | 5736.15 | | | | | | | | | | |

**Appendix D**

Reservoir Water Quality Data, 2009

**Appendix D1-1**
**Mokelumne River Project**
**FERC No. 137**

**Salt Springs Reservoir**
**Station SSR1 - Near Dam**

**2009 *In-situ* Water Quality Data**

| Date | Water Depth (m) | Water Temperature (ºC) | Dissolved Oxygen (mg/L) | DO % Saturation | Specific Conductance (mS/cm) | pH | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| **4/23/2009** | 0.5 | 10.8 | 10.4 | 93.9 | 27.8 | 6.6 | 0.0 |
| | 28.0 | 6.3 | 10.3 | 84.5 | 27.8 | 6.4 | 0.0 |
| | 55.5 | 6.1 | 9.8 | 79.7 | 27.8 | 6.5 | 0.0 |
| | | | | | | | |
| **5/1/2009** | | | | | | | |
| | No profiles taken at Salt Springs Res. Due to wind caused white caps and high water | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **6/23/2009** | 0.5 | 16.8 | 9.2 | 96.1 | 18.7 | 6.7 | 1.2 |
| | 35.0 | 9.4 | 9.9 | 93.4 | 17.2 | 6.1 | 0.7 |
| | 70.0 | 8.1 | 9.5 | 92.1 | 17.7 | 6.1 | 0.8 |
| | | | | | | | |
| **7/20/2009** | 0.5 | 23.2 | 8.3 | 98.8 | 21.1 | 7.7 | 1.4 |
| | 37.0 | 10.2 | 9.4 | 85.0 | 16.7 | 6.0 | 0.1 |
| | 75.0 | 8.4 | 5.6 | 55.0 | 36.8 | 5.9 | 0.5 |
| | | | | | | | |
| **8/25/2009** | 0.5 | 21.5 | 8.0 | 95.1 | 23.8 | 7.1 | 0.3 |
| | 32.0 | 11.3 | 8.7 | 85.1 | 17.1 | 6.0 | 0.0 |
| | 65.0 | 7.1 | 7.5 | 71.1 | 18.5 | 5.8 | 0.2 |
| | | | | | | | |
| **9/29/2009** | 0.5 | 19.6 | 8.0 | 88.1 | 25.0 | 7.1 | 0.8 |
| | 23.0 | 14.3 | 6.2 | 73.4 | 19.4 | 6.4 | 0.5 |
| | 55.0 | 9.6 | 6.2 | 71.1 | 18.7 | 6.1 | 0.5 |
| | | | | | | | |
| **10/22/2009** | | | | | | | |
| | Hydrolab malfunction - Water in battery compartment | | | | | | |
| | | | | | | | |
| | | | | | | | |

**Appendix D1-2**
**Mokelumne River Project**
**FERC No. 137**

**Salt Springs Reservoir**
**Station SSR2 - 1/3 Distance from Dam**

**2009 *In-situ* Water Quality Data**

| Date | Water Depth (m) | Water Temperature (ºC) | Dissolved Oxygen (mg/L) | DO % Saturation | Specific Conductance (mS/cm) | pH | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| **4/23/2009** | 0.5 | 11.0 | 10.3 | 93.8 | 28.0 | 6.6 | 0.0 |
| | 23.0 | 6.8 | 10.7 | 87.1 | 23.0 | 6.4 | 0.1 |
| | 46.0 | 6.1 | 9.9 | 81.0 | 27.5 | 6.4 | 0.0 |
| | | | | | | | |
| **5/1/2009** | | | | | | | |
| | No profiles taken at Salt Springs Res. Due to wind caused white caps and high water | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **6/23/2009** | 0.5 | 16.7 | 9.1 | 95.6 | 18.7 | 6.7 | 1.3 |
| | 31.0 | 9.8 | 9.8 | 90.1 | 17.2 | 6.1 | 0.6 |
| | 63.0 | 7.9 | 9.5 | 91.8 | 18.0 | 6.0 | 0.6 |
| | | | | | | | |
| **7/20/2009** | 0.5 | 23.8 | 8.2 | 90.3 | 21.3 | 7.6 | 1.5 |
| | 33.0 | 10.4 | 9.3 | 96.1 | 16.8 | 5.9 | 0.1 |
| | 67.0 | 8.5 | 8.8 | 81.1 | 17.6 | 5.8 | 0.7 |
| | | | | | | | |
| **8/25/2009** | 0.5 | 22.0 | 8.0 | 92.1 | 27.8 | 7.1 | 0.0 |
| | 30.0 | 11.5 | 8.4 | 85.1 | 17.8 | 5.9 | 0.0 |
| | 60.0 | 9.1 | 7.6 | 71.1 | 18.2 | 5.8 | 0.1 |
| | | | | | | | |
| **9/29/2009** | 0.5 | 19.8 | 8.0 | 88.6 | 25.0 | 7.3 | 1.0 |
| | 26.0 | 14.3 | 6.2 | 77.1 | 19.4 | 6.4 | 0.5 |
| | 52.0 | 10.1 | 6.3 | 76.1 | 18.9 | 6.2 | 0.5 |
| | | | | | | | |
| **10/22/2009** | | | | | | | |
| | Hydrolab malfunction - Water in battery compartment | | | | | | |
| | | | | | | | |
| | | | | | | | |

**Appendix D1-3**
**Mokelumne River Project**
**FERC No. 137**

**Salt Springs Reservoir**
**Station SSR3 - 2/3 Distance from Dam**

**2009 *In-situ* Water Quality Data**

| Date | Water Depth (m) | Water Temperature (ºC) | Dissolved Oxygen (mg/L) | DO % Saturation | Specific Conductance (mS/cm) | pH | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| **4/23/2009** | 0.5 | 11.3 | 10.2 | 94.0 | 27.3 | 6.6 | 0.0 |
| | 18.0 | 6.6 | 10.7 | 88.0 | 20.9 | 6.4 | 5.0 |
| | 37.0 | 6.2 | 10.1 | 82.0 | 27.0 | 6.4 | 0.0 |
| | | | | | | | |
| **5/1/2009** | | | | | | | |
| | No profiles taken at Salt Springs Res. Due to wind caused white caps and high water | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **6/23/2009** | 0.5 | 16.6 | 9.1 | 95.7 | 18.8 | 6.6 | 1.1 |
| | 27.0 | 10.4 | 9.5 | 93.1 | 17.7 | 6.1 | 0.3 |
| | 55.0 | 8.2 | 9.5 | 90.0 | 17.9 | 6.0 | 13.4 |
| | | | | | | | |
| **7/20/2009** | 0.5 | 23.8 | 8.2 | 90.3 | 21.3 | 7.6 | 1.5 |
| | 33.0 | 10.4 | 9.3 | 86.1 | 16.8 | 5.9 | 0.1 |
| | 67.0 | 8.5 | 8.8 | 81.1 | 17.6 | 5.8 | 0.7 |
| | | | | | | | |
| **8/25/2009** | 0.5 | 22.2 | 7.9 | 92.5 | 24.0 | 7.0 | 28.2 |
| | 20.0 | 14.1 | 7.1 | 74.1 | 19.4 | 5.9 | 0.0 |
| | 40.0 | 10.2 | 7.9 | 78.4 | 17.9 | 5.9 | 0.0 |
| | | | | | | | |
| **9/29/2009** | 0.5 | 20.2 | 7.9 | 91.1 | 25.0 | 7.1 | 0.5 |
| | 20.0 | 18.2 | 6.0 | 65.0 | 25.4 | 6.3 | 0.5 |
| | 39.0 | 10.7 | 6.5 | 71.1 | 19.1 | 5.8 | 1.5 |
| | | | | | | | |
| **10/22/2009** | 0.5 | 16.0 | 8.2 | 85.1 | 25.1 | 6.6 | 0.1 |
| | 17.0 | 15.7 | 7.8 | 79.1 | 25.5 | 6.4 | 0.5 |
| | 33.0 | 13.5 | 6.7 | 69.1 | 24.1 | 6.0 | 0.5 |
| | | | | | | | |

**Appendix D1-4**
**Mokelumne River Project**
**FERC No. 137**

**Lower Bear River Reservoir**
**Station LBR1 - Near Dam**

**2009 *In-situ* Water Quality Data**

| Date | Water Depth (m) | Water Temperature (ºC) | Dissolved Oxygen (mg/L) | DO % Saturation | Specific Conductance (mS/cm) | pH | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| **4/24/2009** | | | | | | | |
| | No data due to access issues | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **5/26/2009** | 0.5 | 15.1 | 8.8 | 87.1 | 11.3 | 6.5 | 0.4 |
| | 26.0 | 6.1 | 10.5 | 89.4 | 11.1 | 6.2 | 0.0 |
| | 52.0 | 5.7 | 10.2 | 85.0 | 10.7 | 6.2 | 0.0 |
| | | | | | | | |
| **6/24/2009** | 0.5 | 16.8 | 8.1 | 87.9 | 11.7 | 6.2 | 0.2 |
| | 26.0 | 6.7 | 10.1 | 93.9 | 10.6 | 5.7 | 0.0 |
| | 52.0 | 5.9 | 9.5 | 87.9 | 11.0 | 5.7 | 0.0 |
| | | | | | | | |
| **7/21/2009** | 0.5 | 20.6 | 7.6 | 85.1 | 11.4 | 6.3 | 0.2 |
| | 25.0 | 7.3 | 9.6 | 90.1 | 10.3 | 5.6 | 0.0 |
| | 50.0 | 6.0 | 8.5 | 81.1 | 10.8 | 5.5 | 0.5 |
| | | | | | | | |
| **8/25/2009** | 0.5 | 19.9 | 7.7 | 85.5 | 11.8 | 6.2 | 0.8 |
| | 22.0 | 9.8 | 8.5 | 79.1 | 10.7 | 5.3 | 0.4 |
| | 44.0 | 6.2 | 7.7 | 73.1 | 11.1 | 5.4 | 1.4 |
| | | | | | | | |
| **9/28/2009** | 0.5 | 18.3 | 7.8 | 84.1 | 12.1 | 6.8 | 0.3 |
| | 20.0 | 13.9 | 7.2 | 79.1 | 11.2 | 6.0 | 0.5 |
| | 40.0 | 6.4 | 6.8 | 71.1 | 11.3 | 5.7 | 1.5 |
| | | | | | | | |
| **10/21/2009** | 0.5 | 13.9 | 7.9 | 84.0 | 12.1 | 6.3 | 1.0 |
| | 21.0 | 13.7 | 7.6 | 81.1 | 12.1 | 6.2 | 0.5 |
| | 42.0 | 6.4 | 5.9 | 65.7 | 12.2 | 5.4 | 0.2 |
| | | | | | | | |

**Appendix D1-5**
**Mokelumne River Project**
**FERC No. 137**

**Lower Bear River Reservoir**
**Station LBR2 - 1/3 Distance from Dam**

**2009 *In-situ* Water Quality Data**

| Date | Water Depth (m) | Water Temperature (ºC) | Dissolved Oxygen (mg/L) | DO % Saturation | Specific Conductance (mS/cm) | pH | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| **4/24/2009** | | | | | | | |
| | No data due to access issues | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **5/26/2009** | 0.5 | 15.5 | 8.7 | 88.0 | 11.4 | 6.5 | 0.0 |
| | 17.0 | 6.6 | 11.2 | 101.1 | 10.1 | 6.1 | 0.0 |
| | 33.0 | 6.0 | 10.5 | 87.0 | 10.3 | 6.2 | 0.0 |
| | | | | | | | |
| **6/24/2009** | 0.5 | 17.3 | 8.1 | 87.6 | 11.5 | 6.2 | 0.0 |
| | 16.5 | 7.5 | 5.9 | 94.0 | 10.6 | 5.7 | 0.0 |
| | 33.0 | 6.5 | 9.8 | 91.3 | 10.7 | 5.8 | 0.0 |
| | | | | | | | |
| **7/21/2009** | 0.5 | 21.6 | 7.5 | 82.1 | 11.9 | 6.1 | 0.0 |
| | 15.0 | 10.2 | 9.2 | 94.1 | 10.4 | 5.6 | 0.0 |
| | 30.6 | 6.8 | 9.2 | 84.1 | 10.4 | 5.8 | 7.6 |
| | | | | | | | |
| **8/24/2009** | 0.5 | 20.1 | 7.7 | 85.4 | 11.8 | 6.2 | 0.8 |
| | 13.0 | 15.0 | 8.6 | 87.3 | 10.9 | 5.7 | 0.5 |
| | 26.0 | 8.8 | 7.8 | 78.1 | 10.8 | 5.5 | 0.6 |
| | | | | | | | |
| **9/28/2009** | 0.5 | 18.7 | 7.7 | 88.1 | 12.1 | 6.8 | 0.5 |
| | 12.0 | 18.1 | 7.5 | 83.4 | 12.1 | 6.7 | 0.4 |
| | 23.0 | 12.8 | 5.7 | 65.3 | 12.1 | 5.9 | 50.1 |
| | | | | | | | |
| **10/21/2009** | 0.5 | 14.1 | 8.0 | 85.0 | 12.1 | 6.2 | 1.0 |
| | 10.0 | 13.8 | 7.8 | 83.0 | 12.1 | 6.2 | 0.5 |
| | 20.0 | 13.7 | 7.7 | 82.1 | 12.1 | 6.2 | 0.5 |
| | | | | | | | |

**Appendix D1-6**
**Mokelumne River Project**
**FERC No. 137**

**Lower Bear River Reservoir**
**Station LBR3 - 2/3 Distance from Dam**

**2009 *In-situ* Water Quality Data**

| Date | Water Depth (m) | Water Temperature (ºC) | Dissolved Oxygen (mg/L) | DO % Saturation | Specific Conductance (mS/cm) | pH | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| **4/24/2009** | | | | | | | |
| | No data due to access issues | | | | | | |
| | | | | | | | |
| | | | | | | | |
| **5/26/2009** | 0.5 | 15.9 | 8.6 | 85.0 | 11.4 | 6.5 | 0.0 |
| | 12.0 | 8.9 | 10.0 | 91.0 | 10.4 | 6.3 | 0.0 |
| | 24.0 | 6.3 | 10.2 | 87.5 | 10.2 | 6.1 | 0.0 |
| | | | | | | | |
| **6/24/2009** | 0.5 | 17.8 | 8.1 | 86.0 | 11.7 | 6.2 | 0.6 |
| | 12.0 | 10.9 | 9.4 | 91.1 | 10.8 | 5.9 | 0.0 |
| | 23.0 | 7.1 | 9.4 | 87.6 | 10.5 | 5.8 | 0.0 |
| | | | | | | | |
| **7/21/2009** | 0.5 | 21.7 | 7.5 | 83.1 | 11.9 | 6.3 | 0.3 |
| | 10.0 | 15.3 | 8.6 | 89.9 | 11.1 | 5.9 | 0.0 |
| | 20.0 | 7.8 | 8.7 | 84.1 | 10.4 | 5.6 | 0.0 |
| | | | | | | | |
| **8/24/2009** | 0.5 | 20.4 | 7.6 | 85.8 | 12.0 | 6.4 | 1.2 |
| | 8.0 | 19.1 | 8.0 | 86.6 | 11.7 | 6.3 | 0.5 |
| | 16.5 | 13.2 | 7.7 | 81.0 | 11.0 | 5.5 | 0.1 |
| | | | | | | | |
| **9/28/2009** | 0.5 | 18.8 | 7.7 | 87.1 | 12.2 | 6.6 | 6.3 |
| | 7.0 | 18.2 | 7.6 | 86.4 | 12.0 | 6.4 | 0.5 |
| | 13.5 | 1801.0 | 7.4 | 84.1 | 12.1 | 6.1 | 0.5 |
| | | | | | | | |
| **10/21/2009** | 0.5 | 14.2 | 8.0 | 85.6 | 12.3 | 6.3 | 3.8 |
| | 7.0 | 13.9 | 7.9 | 83.3 | 12.1 | 6.3 | 0.5 |
| | 12.6 | 13.9 | 7.7 | 81.1 | 12.1 | 6.3 | 0.5 |
| | | | | | | | |

**Appendix D2-1**
**Mokelumne River Project (FERC No. 137)**

**Blue Creek below Upper Blue Lake**
**Station BC1**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| June | 10.63 | 0.03 | 9.2 | 7.45 | 93.4 | 39.4 |
| July | 18.63 | 0.025 | 7.18 | 6.76 | 85.2 | 20 |
| August | 17.41 | 0.024 | 7.11 | 7.46 | 87.1 | 8.3 |
| September | 13.3 | 0.025 | 7.86 | 7.67 | 85.6 | 10.6 |

**Appendix D2-2**
**Mokelumne River Project (FERC No. 137)**

**Blue Creek below Lower Blue Lake**
**Station BC2**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| June | 5.33 | 0.023 | 9.5 | 7.37 | 89.4 | 49.1 |
| July | 14.35 | 0.017 | 8.5 | 6.65 | 91.6 | 29.4 |
| August | 17.4 | 0.029 | 6.92 | 7.17 | 84.1 | 1 |
| September | 14.72 | 0.022 | 7.69 | 7.34 | 81.1 | 1.6 |

**Appendix D2-3**
**Mokelumne River Project (FERC No. 137)**

**Meadow Creek below Twin Lake**
**Station MC1**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| June | 13.78 | 0.011 | 7.83 | 7.08 | 84.3 | 22.6 |
| July | 19.41 | 0.01 | 7.65 | 6.5 | 84.3 | 4.1 |
| August | 17.15 | 0.01 | 7.2 | 7.15 | 86.7 | 4 |
| September | 13.77 | 0.008 | 6.9 | 7.62 | 73.9 | 1.2 |

**Appendix D2-4**
**Mokelumne River Project (FERC No. 137)**

**Meadow Creek below Meadow Lake**
**Station MC2**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| June | 5.78 | 0.012 | 9.28 | 7.45 | 87.6 | 45.1 |
| July | 8.16 | 0.01 | 9.45 | 6.89 | 93.4 | 46.9 |
| August | 16.5 | 0.01 | 9.17 | 7.14 | 84.1 | 5.3 |
| September | 12.33 | 0.009 | 7.77 | 7.27 | 82.6 | 3.5 |

**Appendix D2-5**
**Mokelumne River Project (FERC No. 137)**

**North Fork Mokelumne River above Salt Salt Springs Reservoir**
**Station NFMR1**

**2008 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 5.16 | 0.017 | 11.06 | 7.64 | 92.2 | 48.8 |
| May | 6.9 | 0.016 | 11.43 | 7.61 | 105.1 | 55.4 |
| June | 13.05 | 0.023 | 9.64 | 7.25 | 97.3 | 51.1 |
| July | 17.77 | 0.029 | 8.51 | 6.35 | 90.1 | 21.6 |
| August | 16.81 | 0.034 | 8.18 | 7.32 | 91.1 | 18.2 |
| September | 13.7 | 0.032 | 9.32 | 8.14 | 93.6 | 13.1 |

**Appendix D2-6**
**Mokelumne River Project (FERC No. 137)**

**North Fork Mokelumne River below Salt Springs Reservoir**
**Station NFMR2**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 7.17 | 0.028 | 10.25 | 7.4 | 90.5 | 35.2 |
| May | 7.64 | 0.018 | 11.03 | 7.69 | 101.4 | 44.8 |
| June | 8.85 | 0.019 | 10.28 | 7.38 | 99.4 | 22 |
| July | 17.77 | 0.029 | 8.51 | 6.35 | 90.1 | 21.6 |
| August | 12.05 | 0.017 | 8.85 | 7.71 | 87.6 | 26.4 |
| September | 11.04 | 0.014 | 9.5 | 7.29 | 93.4 | 16.1 |

**Appendix D2-7**
**Mokelumne River Project (FERC No. 137)**

**Cole Creek below Project Diversion**
**Station CC0**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 6.8 | 0.013 | 10.22 | 7.77 | 89.4 | 54 |
| May | 6.95 | 0.01 | 10.33 | 7.61 | 98.6 | 50.4 |
| June | 12.83 | 0.014 | 8.43 | 7.55 | 88.2 | 27.6 |
| July | 16.98 | 0.024 | 6.91 | 7.33 | 81.1 | 25.1 |
| August | 9.87 | 0.013 | 9.7 | 7.67 | 91.1 | 33 |
| September | 13 | 0.029 | 6.49 | 7.32 | 80.1 | 15.5 |

**Appendix D2-8**
**Mokelumne River Project (FERC No. 137)**

**Cole Creek above the confluence with the North Fork Mokelumne River**
**Station CC1**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 2.65 | 0.01 | 11.87 | 7.8 | 92.1 | 49.3 |
| May | 9.78 | 0.011 | 10.15 | 7.73 | 99.3 | 46.6 |
| June | 13.22 | 0.017 | 9.15 | 7.25 | 93.1 | 17.5 |
| July | 18.56 | 0.025 | 8.35 | 7.5 | 94.2 | 24.7 |
| August | 16.95 | 0.036 | 7.98 | 7.17 | 86.7 | 4.9 |
| September | 14.53 | 0.018 | 8.8 | 7.37 | 89.9 | 0.5 |

**Appendix D2-9**
**Mokelumne River Project (FERC No. 137)**

**Bear River below Lower Bear Reservoir**
**Station BR1**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 5.18 | 0.015 | 10.46 | 7.6 | 95.1 | 62.1 |
| May | 6.71 | 0.013 | 10.52 | 7.45 | 90.9 | 42.2 |
| June | 9.09 | 0.013 | 10 | 7.55 | 98.2 | 45.5 |
| July | 8.21 | 0.011 | 10.1 | 7.39 | 96.1 | 21.1 |
| August | 16.44 | 0.03 | 6.95 | 7.62 | 75.5 | 31.9 |
| September | 16.55 | 0.01 | 9.55 | 7.94 | 85.9 | 10.4 |

**Appendix D2-10**
**Mokelumne River Project (FERC No. 137)**

**Bear River below Salt Springs Road**
**Station BR2**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 7.98 | 0.025 | 9.76 | 7.26 | 89.5 | 38.5 |
| May | 10.29 | 0.02 | 9.79 | 7.77 | 90.7 | 46 |
| June | 14.7 | 0.02 | 8.75 | 7.31 | 91.1 | 36.4 |
| July | 17.77 | 0.016 | 8.41 | 7.45 | 91.4 | 32.5 |
| August | 14.01 | 0.02 | 8.83 | 6.97 | 96.1 | 7.5 |
| September | 12.8 | 0.018 | 8.8 | 7.37 | 89.9 | 8.6 |

**Appendix D2-11**
**Mokelumne River Project (FERC No. 137)**

**North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38**
**Station NFMR3**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 10.71 | 0.035 | 9.65 | 7.28 | 96.6 | 34 |
| May | 11.19 | 0.02 | 9.94 | 7.4 | 96.6 | 31 |
| June | 15.11 | 0.025 | 9.56 | 7.77 | 97.3 | 25.5 |
| July | 22.16 | 0.41 | 7.88 | 6.84 | 92 | 2 |
| August | 21.23 | 0.047 | 8.06 | 7.21 | 92 | 26.7 |
| September | 16.09 | 0.039 | 9.6 | 6.87 | 95.6 | 7.6 |

**Appendix D2-12**
**Mokelumne River Project (FERC No. 137)**

**Tiger Creek below Tiger Creek Regulator Dam**
**Station TC1**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 6.38 | 0.02 | 9.96 | 7.65 | 93.4 | 56.9 |
| May | 9.18 | 0.017 | 9.71 | 7.74 | 93.7 | 43.8 |
| June | 9.8 | 0.017 | 9.68 | 7.37 | 88.3 | 19 |
| July | 10.62 | 0.014 | 9.45 | 7.41 | 99.7 | 35.5 |
| August | 12.01 | 0.018 | 8.54 | 7.43 | 86.8 | 21.1 |
| September | 12.16 | 0.014 | 9.9 | 7.61 | 92.6 | 20.2 |

**Appendix D2-13**
**Mokelumne River Project (FERC No. 137)**

**North Fork Mokelumne River below Tiger Creek Afterbay**
**Station NFMR4**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 8.73 | 0.028 | 10.18 | 7.61 | 94.1 | 50.1 |
| May | 10.07 | 0.021 | 11.25 | 7.5 | 104.3 | 52.8 |
| June | 13.05 | 0.025 | 9.56 | 7.77 | 97.3 | 25.5 |
| July | 13.2 | 0.017 | 10.96 | 7.42 | 102.5 | 45 |
| August | 13.73 | 0.019 | 8.59 | 7.53 | 91.1 | 37.5 |
| September | 13.65 | 0.017 | 9.95 | 7.44 | 92.7 | 26.5 |

**Appendix D2-14**
**Mokelumne River Project (FERC No. 137)**

**North Fork Mokelumne River at Electra Powerhouse Diversion Dam**
**Station NFMR5**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | 10.51 | 0.029 | 9.89 | 7.42 | 96 | 34.1 |
| May | 10.46 | 0.021 | 10.8 | 7.45 | 103.1 | 45.5 |
| June | 13.08 | 0.021 | 9 | 7.69 | 91.2 | 37.1 |
| July | 14.6 | 0.019 | 10.01 | 7.11 | 99.6 | 44.2 |
| August | 15.82 | 0.019 | 0.9 | 7.53 | 92.2 | 30.1 |
| September | 13.9 | 0.018 | 8.82 | 7.16 | 90.1 | 30.1 |

**Appendix D2-15**
**Mokelumne River Project (FERC No. 137)**

**Mokelumne River above Electra Powerhouse**
**Station MR1**

**2009 In situ Water Quality Data**

| Month | Water Temperature (ºC) | Specific Conductance (mS/cm) | Dissolved Oxygen (mg/L) | pH | DO % Satuaration | Turbidity (NTU) |
|---|---|---|---|---|---|---|
| April | | | | | | |
| May | 14.2 | 0.024 | 9.58 | 7.79 | 99.5 | 40.8 |
| June | 19.73 | 0.034 | 8.11 | 6.98 | 89.7 | 0 |
| July | 22.04 | 0.035 | 9 | 7 | 91.3 | 11.2 |
| August | 24.77 | 0.036 | 7.66 | 6.79 | 92.1 | 0 |
| September | 17.34 | 0.032 | 8.54 | 7.22 | 90.4 | 0.5 |

**Appendix E**

Water Temperature Monitoring Equipment Calibration Certificates, 2009

# Memorandum

**Date:** December 2, 2009 **Filename:** Hydrolab Cal Memo 09.doc

**To:** LAND AND ENVIRONMENTAL MANAGEMENT

**From:** APPLIED TECHNOLOGY SERVICES

**Subject:** Hydrolab Instrument 2009 Calibration Report

**Pacific Gas and Electric Company**

BRIAN FRANTZ:

I certify that between March and November, 2009 the Hydrolab® multi-parameter water quality analyzers listed below were calibrated prior to each field deployment or monthly at PG&E's Applied Technology Services Department (ATS) or at the Hach/Hydrolab Loveland, Colorado repair department using manufacturer's calibration procedures. In the event that any specific sensor probe was found to be out of tolerance, a calibrated backup meter was deployed.

These are field instruments for in-situ readings and although a log is kept that documents calibration events performed at the Chemistry Laboratory (Room 155) at ATS, most of the instruments were calibrated by qualified PG&E or contracted personnel in the field at a frequency subject to deployment schedules. Records of field calibration events can be found in project specific field log books.

| Instrument Identification: | | Projects: |
|---|---|---|
| Hydrolab Quanta®. #1 | S/N 01310/01277 | Mokelumne River Temperature Monitoring Sand Bar Diversion Leakage Project |
| Hydrolab Quanta® #3 | S/N 01602/02089 | DeSabla/Centerville, NFFR, Pit 1 and McCloud/Pit Projects |
| Hydrolab Quanta® #4 | S/N 03684/03592 | McCloud/Pit and Sand Bar Diversion |
| Hydrolab Quanta® #5 | S/N 03815/03767 | Rock Creek/Cresta and NFFR Projects |
| Hydrolab Data Sonde 5® #1 | S/N 42706 | Mokelumne River Temperature Monitoring |
| Hydrolab Data Sonde 5® #2 | S/N 42706 | Mokelumne River and Sand Bar Diversion |

Eric Kenzler
ERIC KENZLER

Technologist
Pacific Gas and Electric Company
Applied Technology Services

# Memorandum

**Date:** December 1, 2009 **Filename:** Moke Cal 09.doc

**To:** ENVIRONMENTAL SERVICES

**From:** APPLIED TECHNOLOGY SERVICES

**Subject:** Temperature Data Logger 2009 Calibration Report

**Pacific Gas and Electric Company**

MATTHEW FRANSZ:

Twenty-four VEMCO TR-12 temperature recorders listed in Table 1 were calibrated at PG&E's Applied Technology Services (ATS) on December 1, 2009 using the manufacturer's calibration procedures. These units were used on the Mokelumne River Project in 2009 and were certified to be within tolerance for temperature (± 0.1 °C) against National Institute of Standards and Technology traceable instrumentation.

Traceable Instrument Identification:
Model No. 15-077-8 S/N 221367532 Fisher Scientific Digital Thermometer
Probe: 15-077-7 S/N 240301157

Precision Water Bath:
Thermo Neslab RTC 17 S/N 103198062

Individual Calibration Certificates can be printed if necessary. The original calibration data files are located in room 151 at the ATS San Ramon Laboratories.

ERIC KENZLER
Technologist, ATS

EMKenzler(251-5806):emk

Attachment

**Pacific Gas and Electric Company - Applied Technology Services**

Table 1. Temperature Data Logger Calibration Record

Mokelumne River Project Temperature Monitoring

| Count | Model | SN: | Cal Date | In Tolerance |
|---|---|---|---|---|
| 1 | Vemco MiniLog | 1346J | 12/1/2009 | Y |
| 2 | Vemco MiniLog | 1347J | 12/1/2009 | Y |
| 3 | Vemco MiniLog | 1348J | 12/1/2009 | Y |
| 4 | Vemco MiniLog | 1349J | 12/1/2009 | Y |
| 5 | Vemco MiniLog | 1350J | 12/1/2009 | Y |
| 6 | Vemco MiniLog | 1351J | 12/1/2009 | Y |
| 7 | Vemco MiniLog | 1220J | 12/1/2009 | Y |
| 8 | Vemco MiniLog | 1221J | 12/1/2009 | Y |
| 9 | Vemco MiniLog | 1222J | 12/1/2009 | Y |
| 10 | Vemco MiniLog | 1223J | 12/1/2009 | Y |
| 11 | Vemco MiniLog | 1224J | 12/1/2009 | Y |
| 12 | Vemco MiniLog | 4720E | 12/1/2009 | Y |
| 13 | Vemco MiniLog | 4721E | 12/1/2009 | Y |
| 14 | Vemco MiniLog | 4723E | 12/1/2009 | Y |
| 15 | Vemco MiniLog | 5176E | 12/1/2009 | Y |
| 16 | Vemco MiniLog | 5177E | 12/1/2009 | Y |
| 17 | Vemco MiniLog | 5178E | 12/1/2009 | Y |
| 18 | Vemco MiniLog | 5179E | 12/1/2009 | Y |
| 19 | Vemco MiniLog | 9342A | 12/1/2009 | Y |
| 20 | Vemco MiniLog | 9344A | 12/1/2009 | Y |
| 21 | Vemco MiniLog | 9346A | 12/1/2009 | Y |
| 22 | Vemco MiniLog | 9350A | 12/1/2009 | Y |
| 23 | Vemco MiniLog | 9351A | 12/1/2009 | Y |
| 24 | Vemco MiniLog | 9352A | 12/1/2009 | Y |

**Appendix F**

Daily Average Stream Water Temperature Profiles, 2005-2009

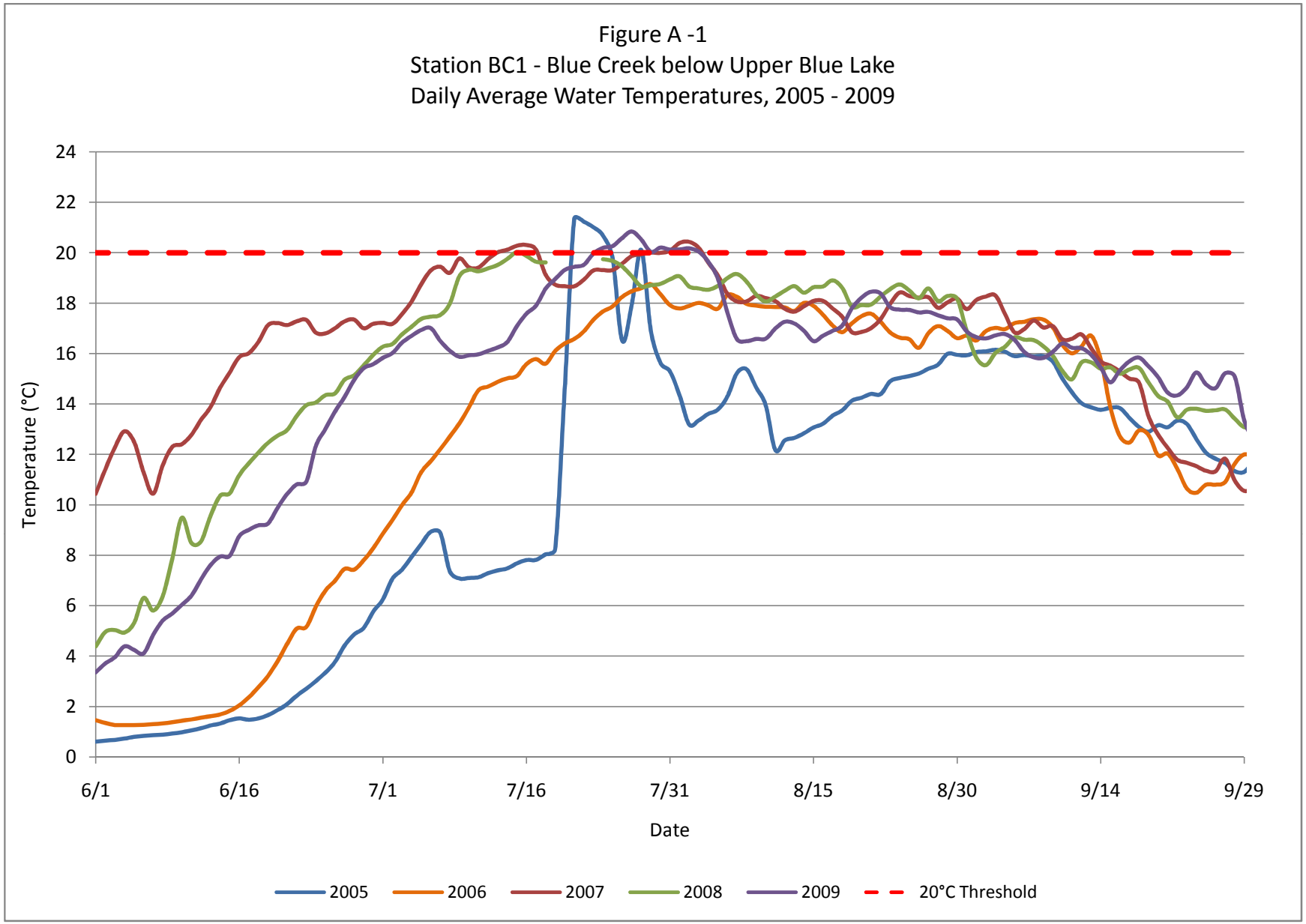


Figure A -1
Station BC1 - Blue Creek below Upper Blue Lake
Daily Average Water Temperatures, 2005 - 2009
Temperature (°C)
24
22
20
18
16
14
12
10
8
6
4
2
0
6/1
6/16
7/1
7/16
7/31
8/15
8/30
9/14
9/29
Date
2005
2006
2007
2008
2009
20°C Threshold

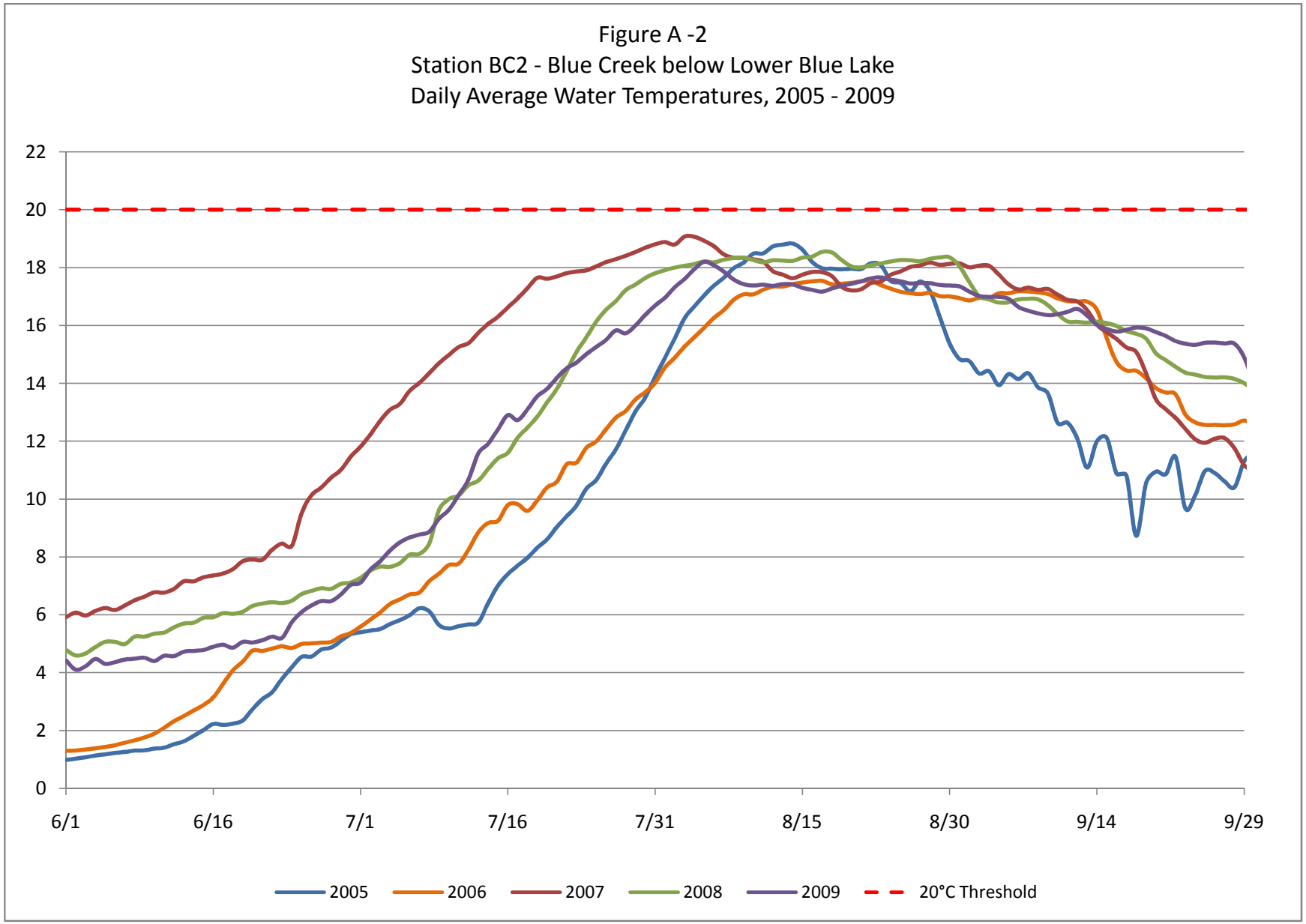


Figure A -2
Station BC2 - Blue Creek below Lower Blue Lake
Daily Average Water Temperatures, 2005 - 2009
22
20
18
16
14
12
10
8
6
4
2
0
6/1
6/16
7/1
7/16
7/31
8/15
8/30
9/14
9/29
2005
2006
2007
2008
2009
20°C Threshold

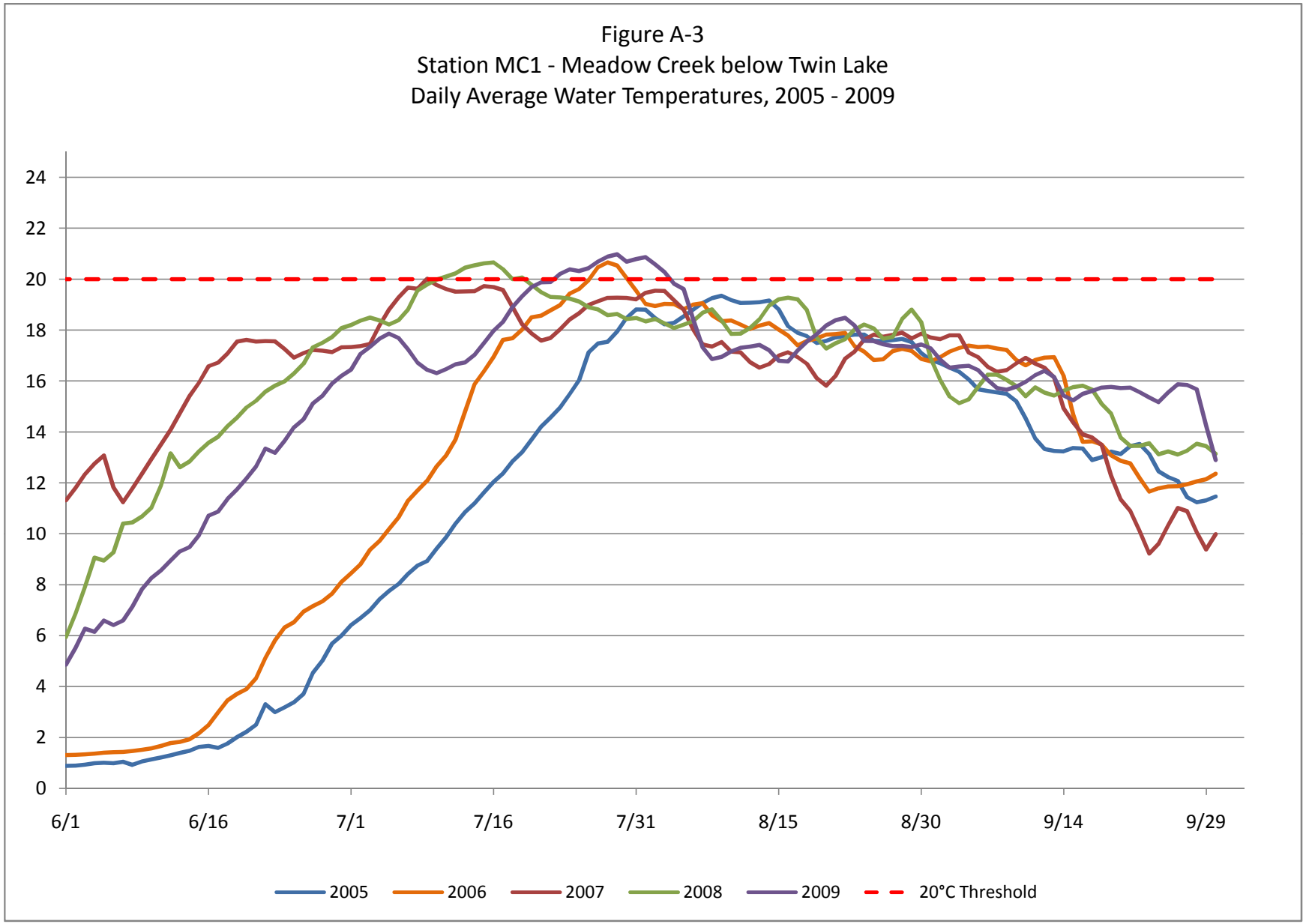


Figure A-3
Station MC1 - Meadow Creek below Twin Lake
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
6/1
6/16
7/1
7/16
7/31
8/15
8/30
9/14
9/29
2005
2006
2007
2008
2009
20°C Threshold

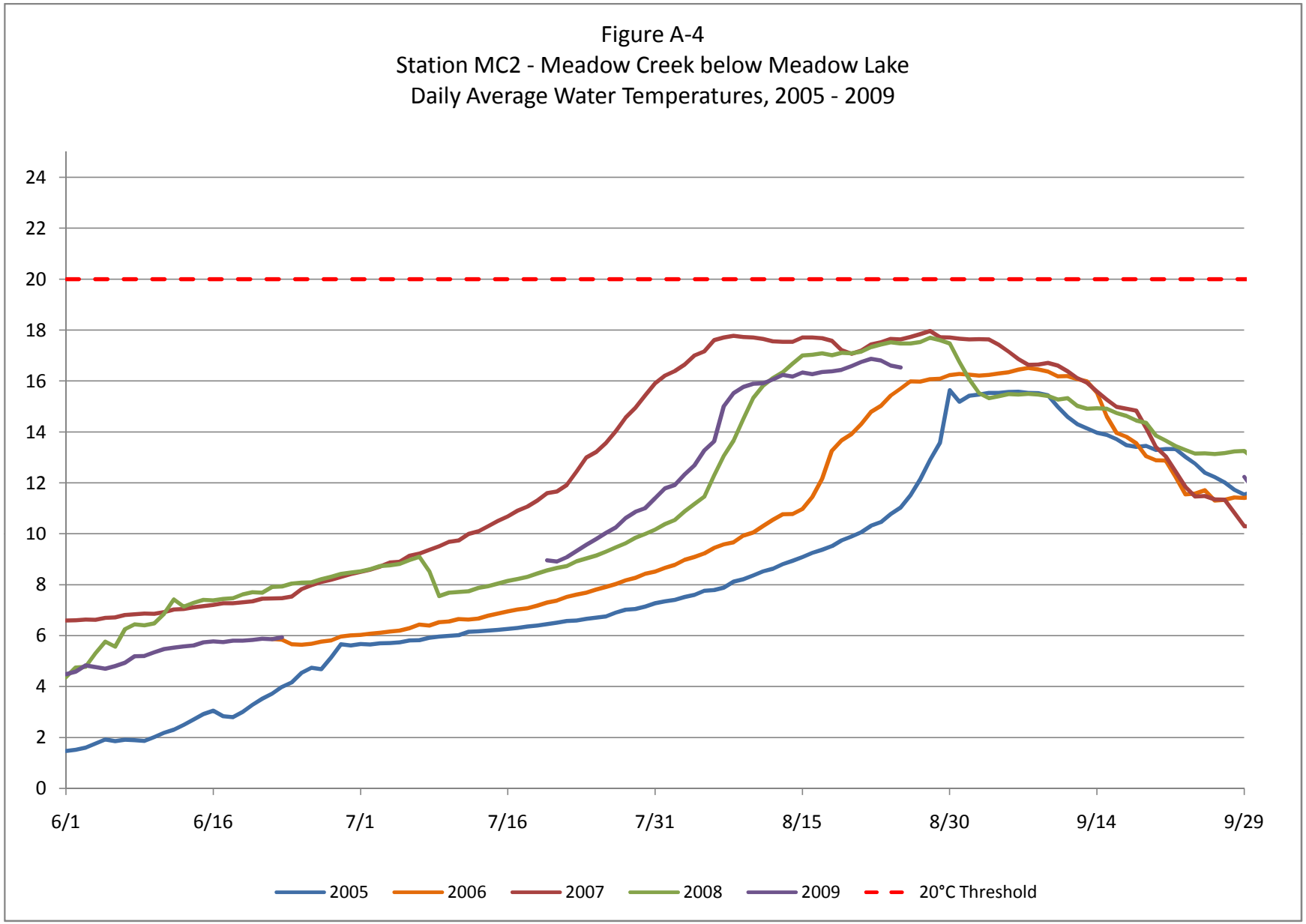


Figure A-4
Station MC2 - Meadow Creek below Meadow Lake
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
6/1
6/16
7/1
7/16
7/31
8/15
8/30
9/14
9/29
2005
2006
2007
2008
2009
20°C Threshold

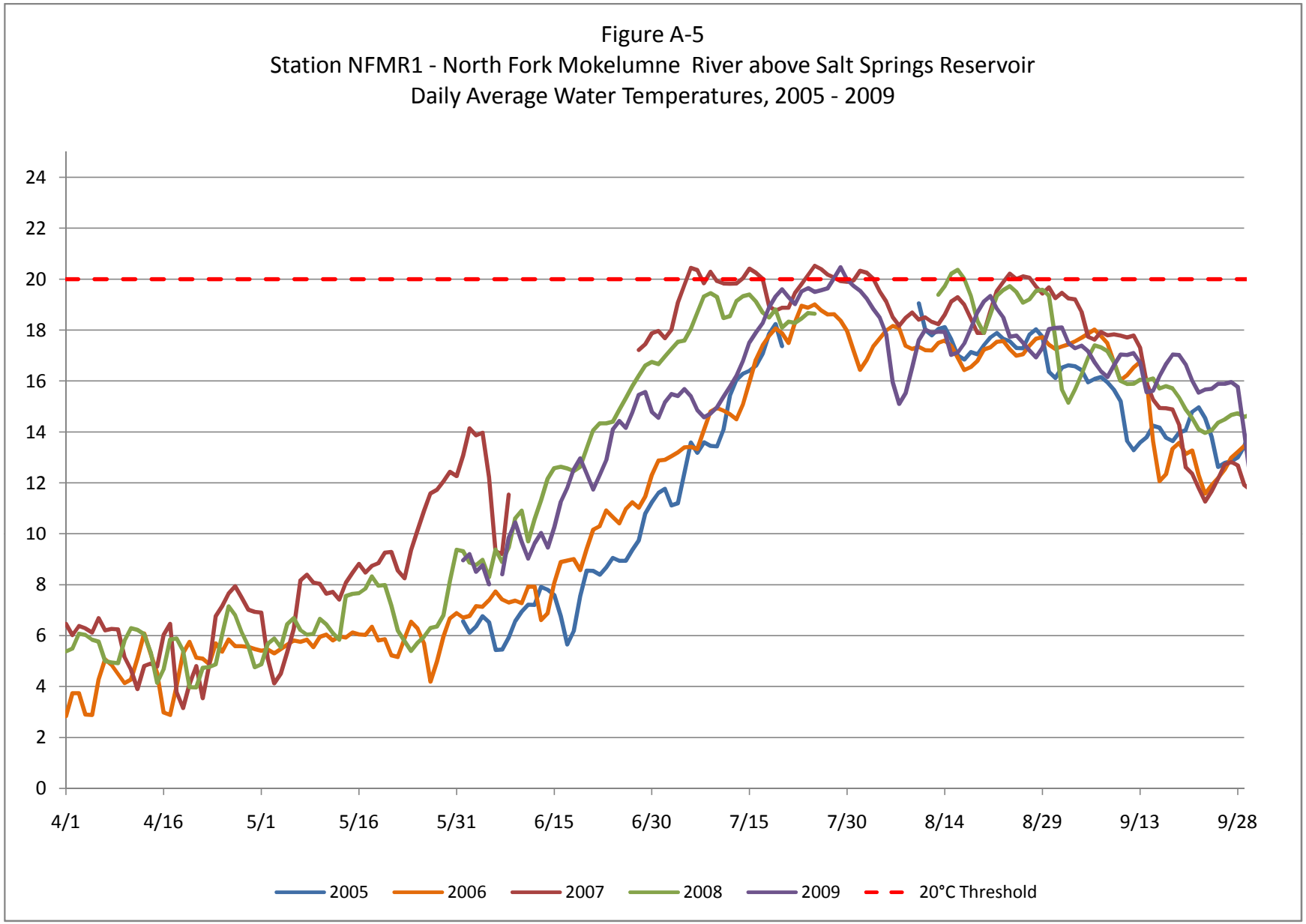


Figure A-5
Station NFMR1 - North Fork Mokelumne River above Salt Springs Reservoir
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

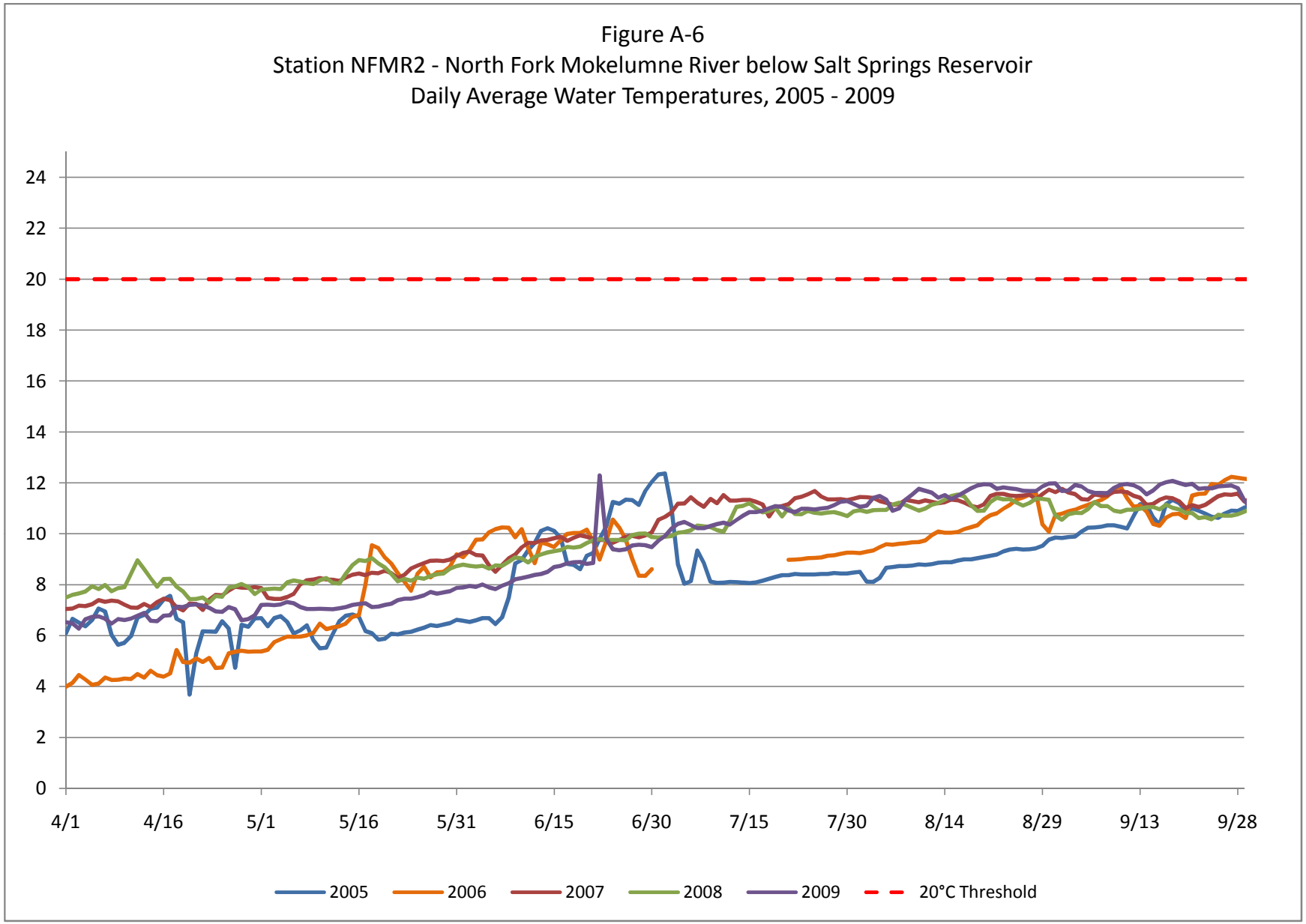


Figure A-6
Station NFMR2 - North Fork Mokelumne River below Salt Springs Reservoir
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

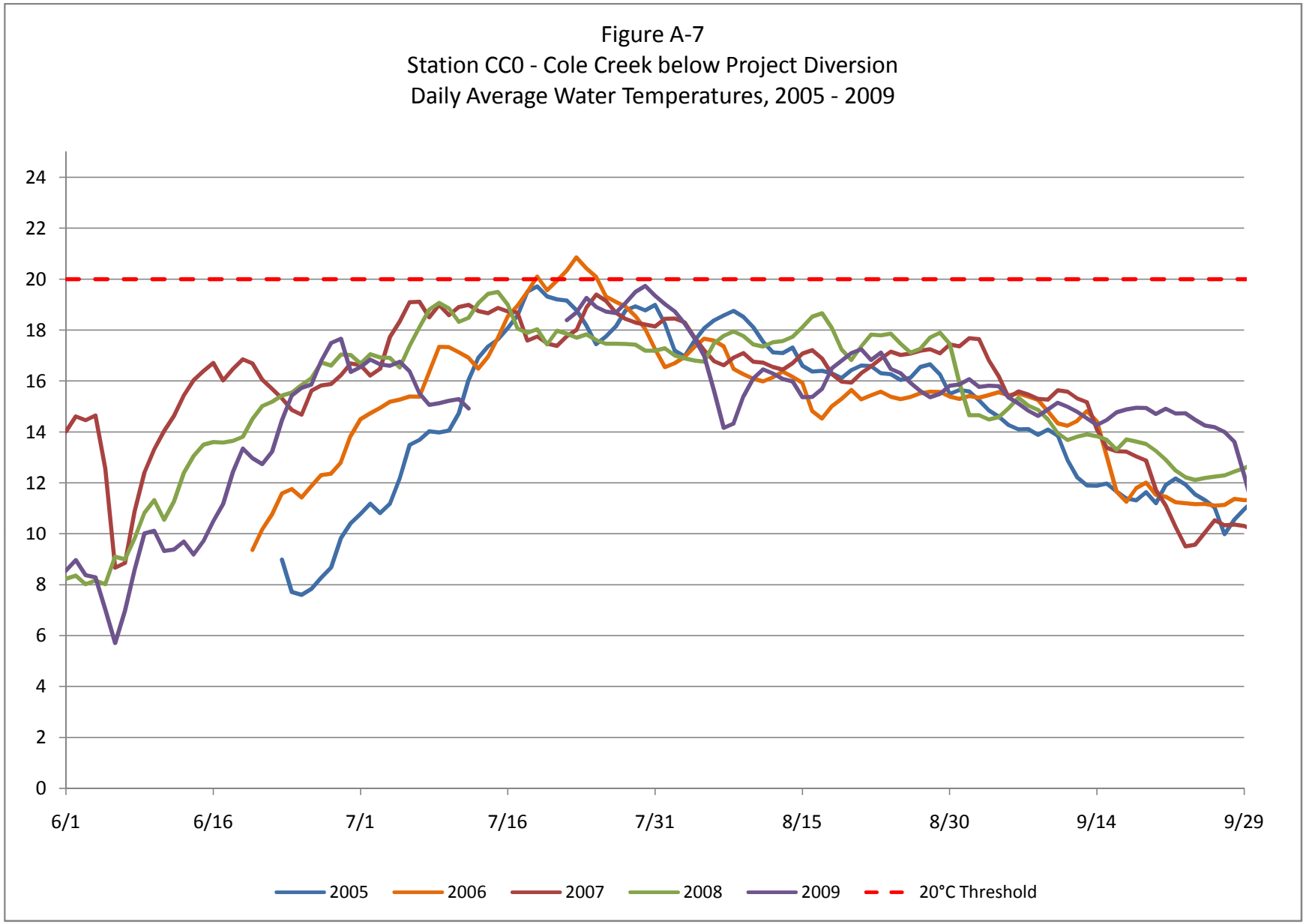


Figure A-7
Station CC0 - Cole Creek below Project Diversion
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
6/1
6/16
7/1
7/16
7/31
8/15
8/30
9/14
9/29
2005
2006
2007
2008
2009
20°C Threshold

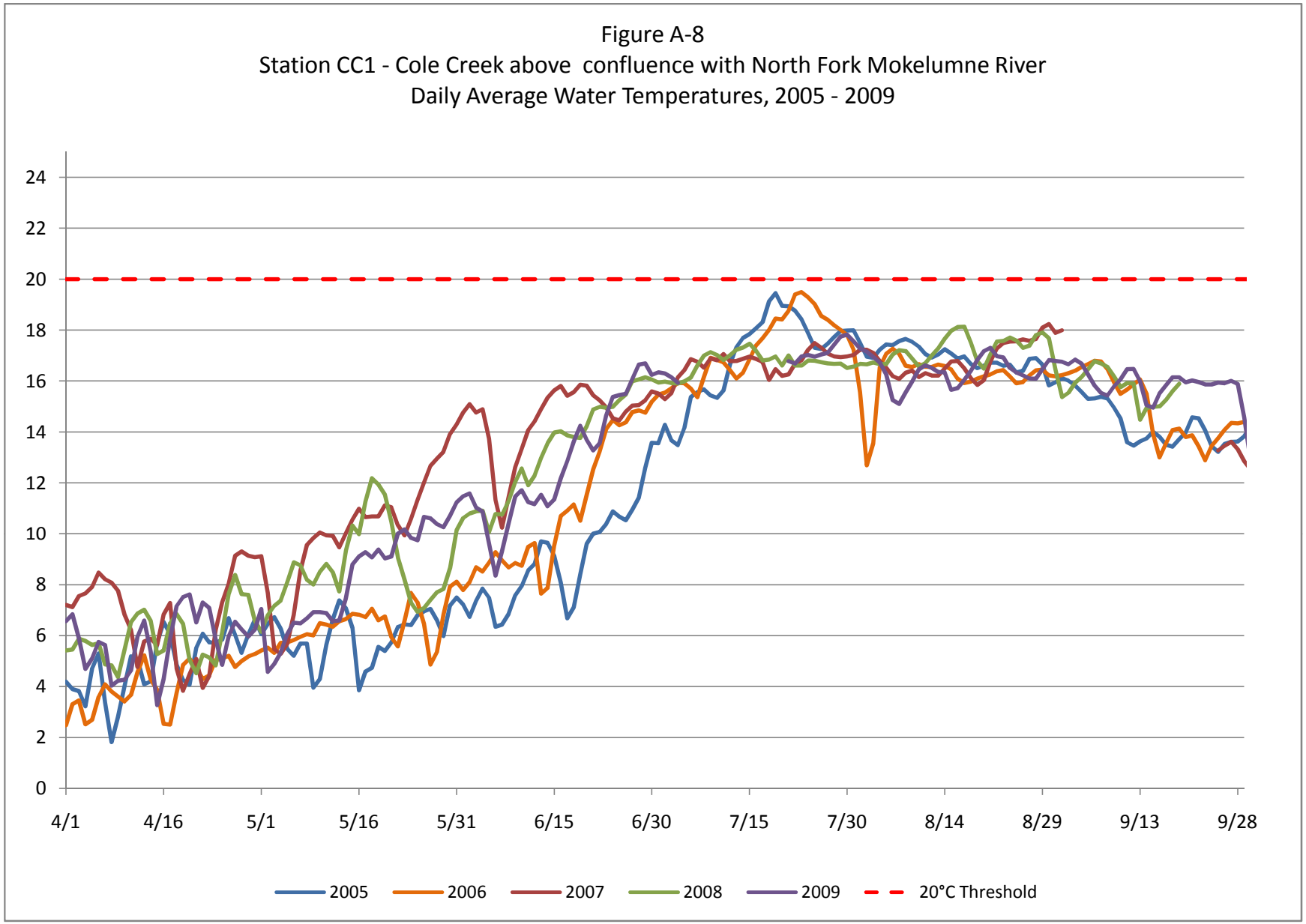


Figure A-8
Station CC1 - Cole Creek above confluence with North Fork Mokelumne River
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

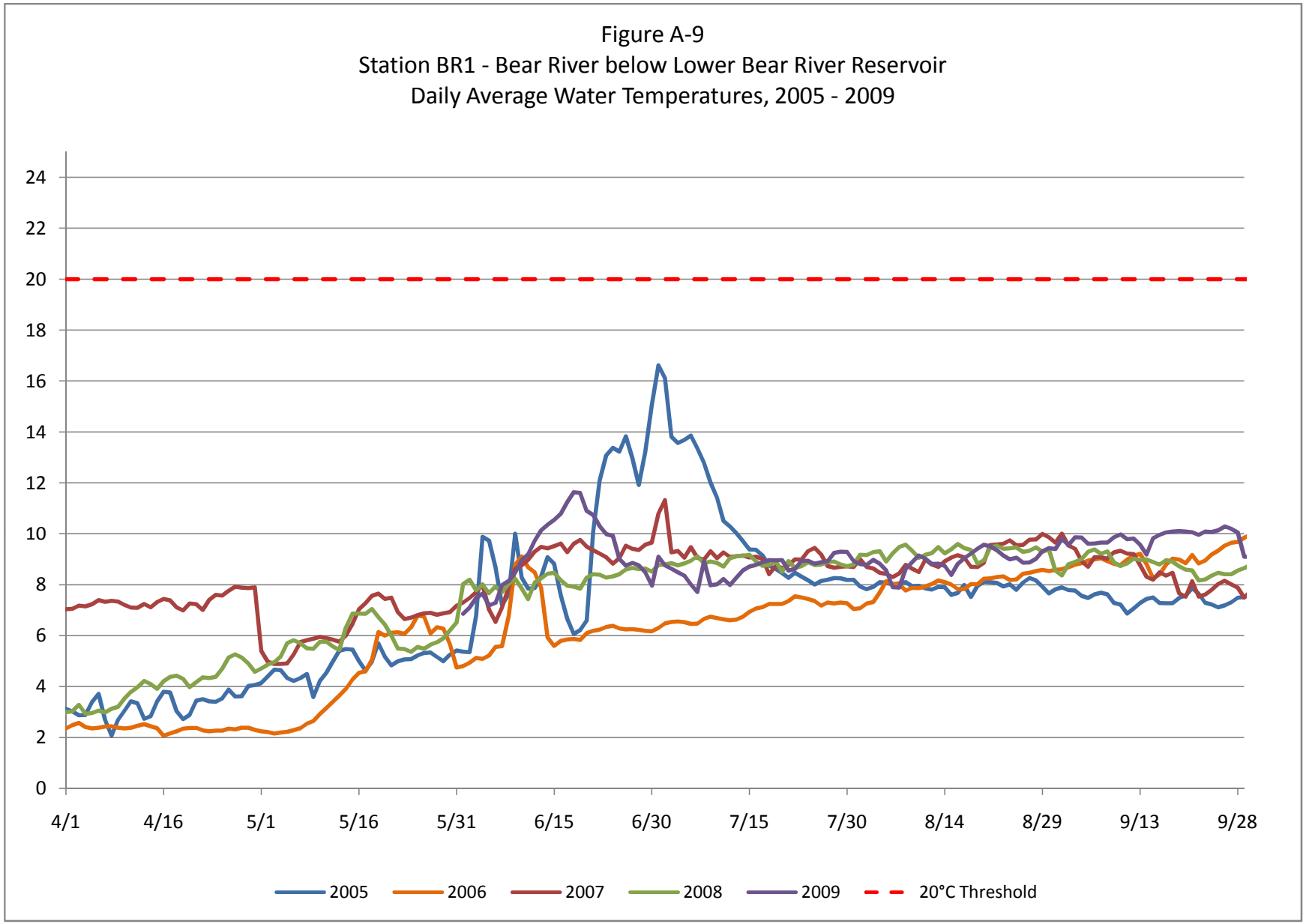


Figure A-9
Station BR1 - Bear River below Lower Bear River Reservoir
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

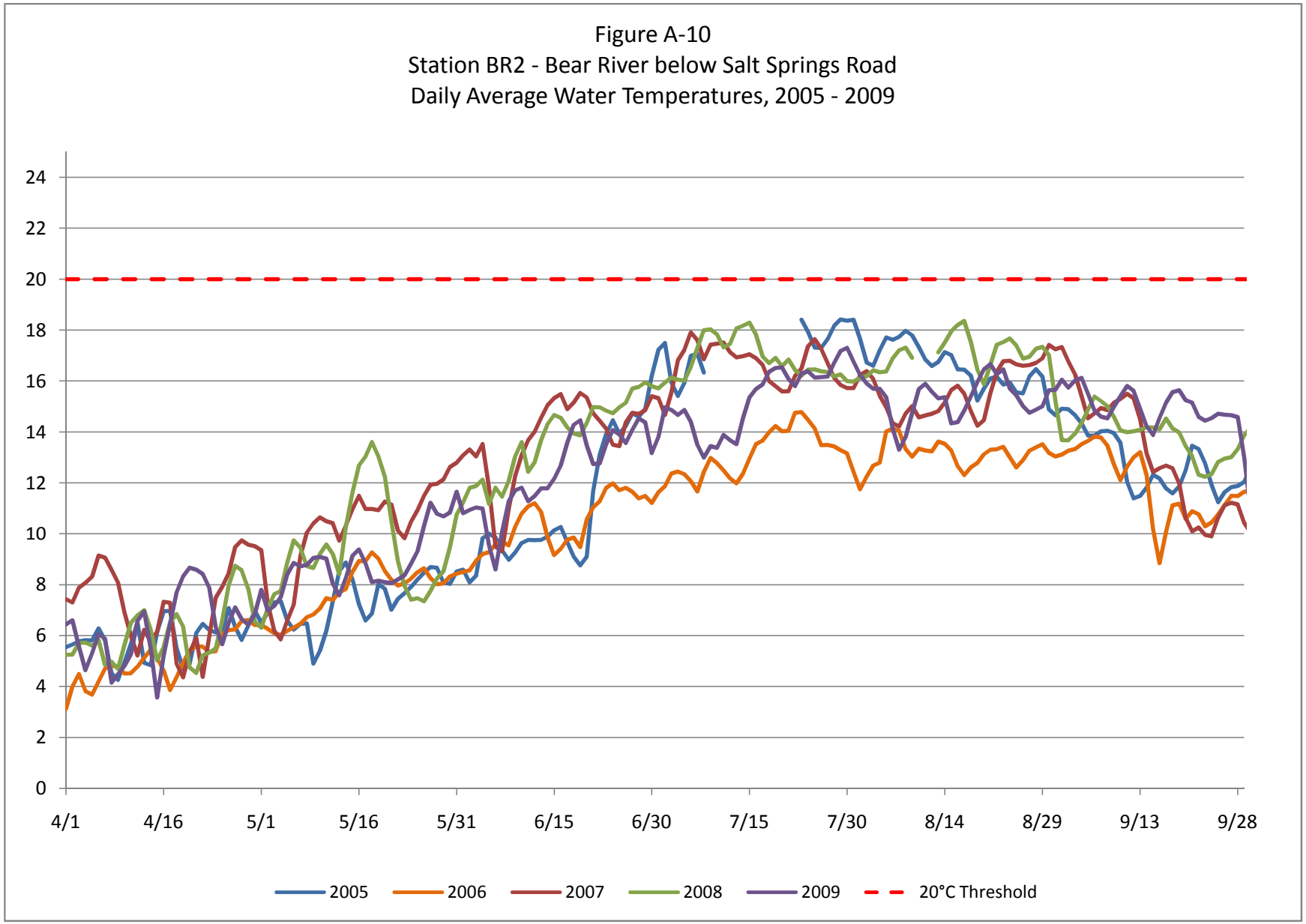


Figure A-10
Station BR2 - Bear River below Salt Springs Road
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

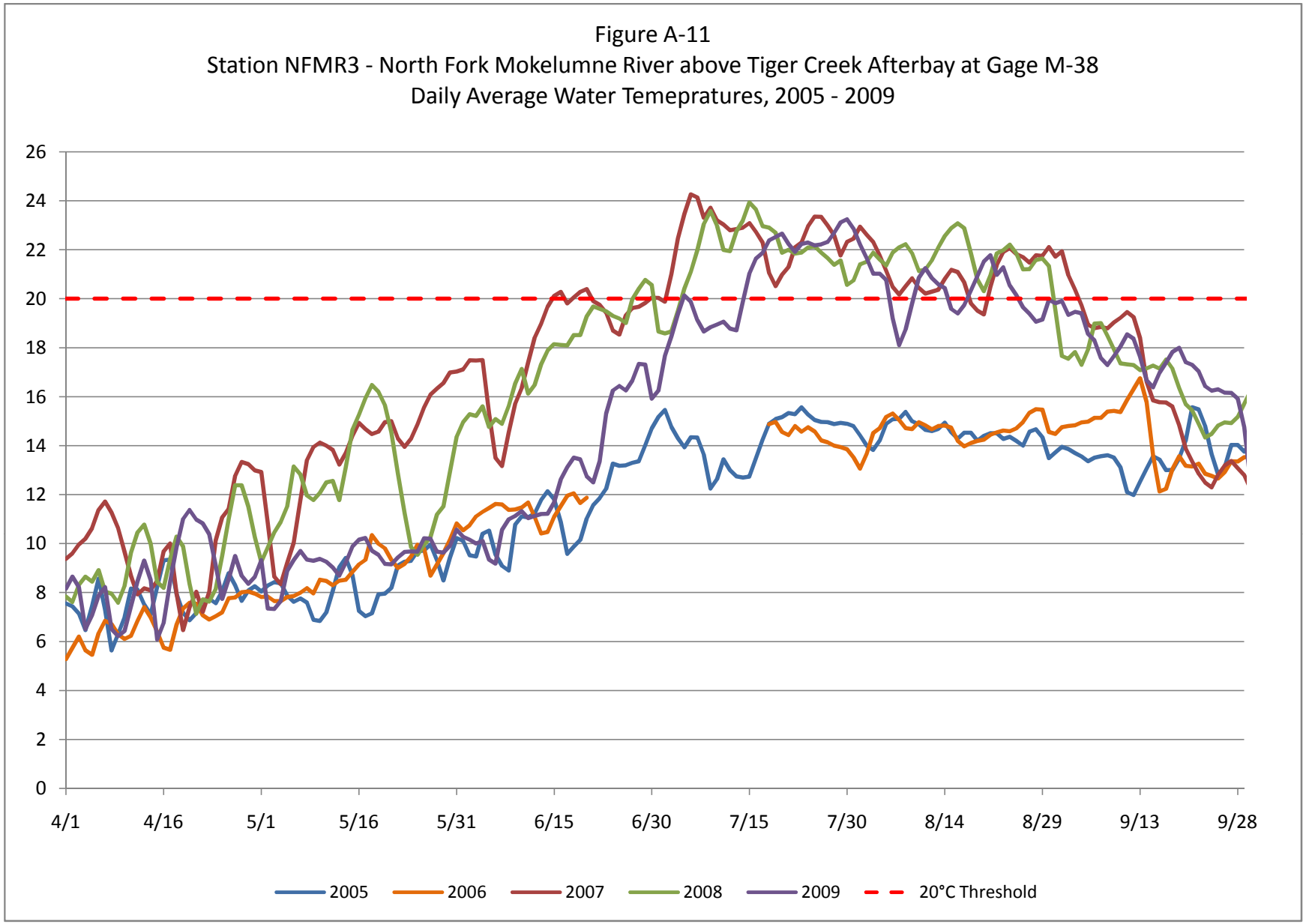


Figure A-11
Station NFMR3 - North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38
Daily Average Water Temepratures, 2005 - 2009
26
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

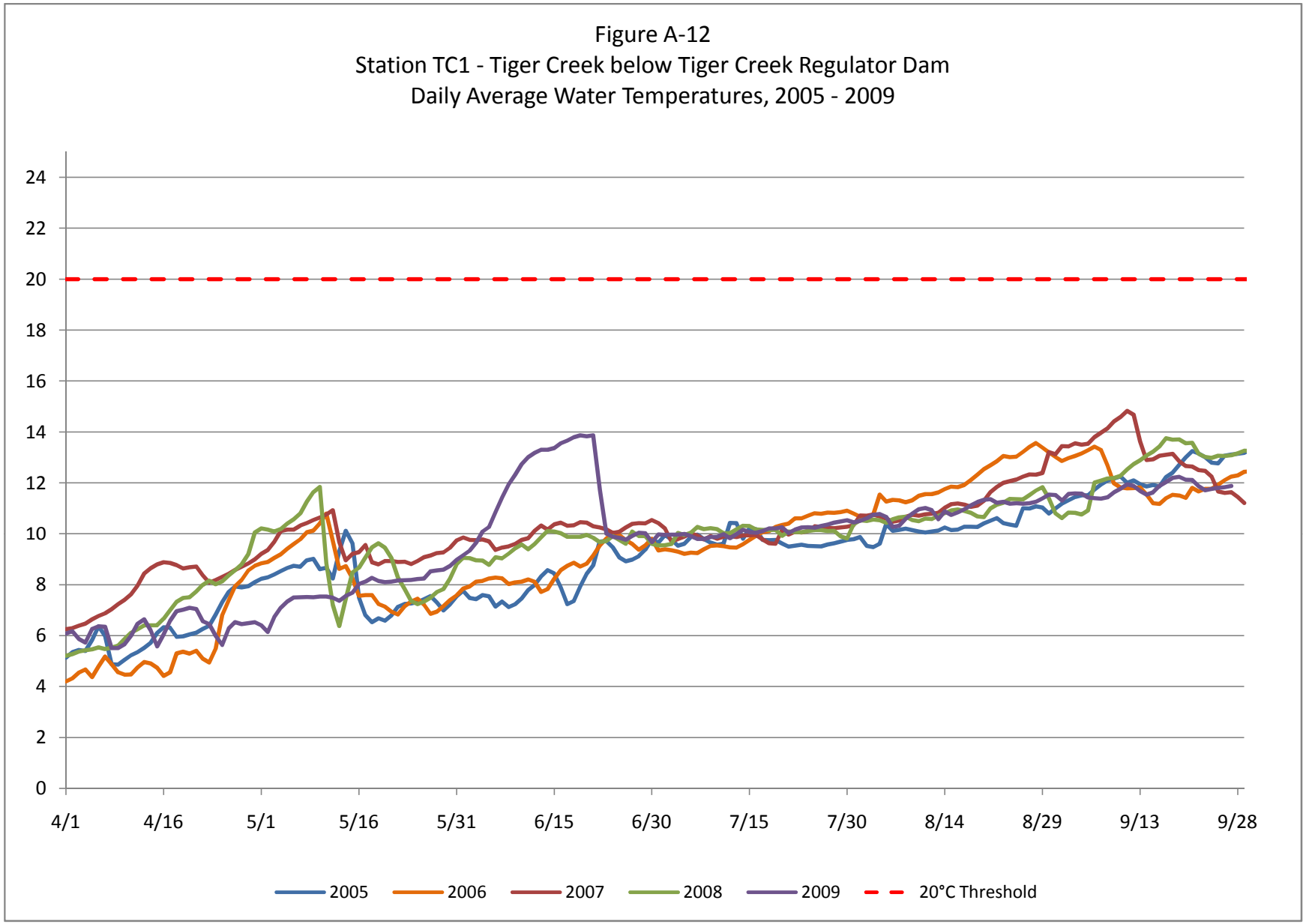


Figure A-12
Station TC1 - Tiger Creek below Tiger Creek Regulator Dam
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

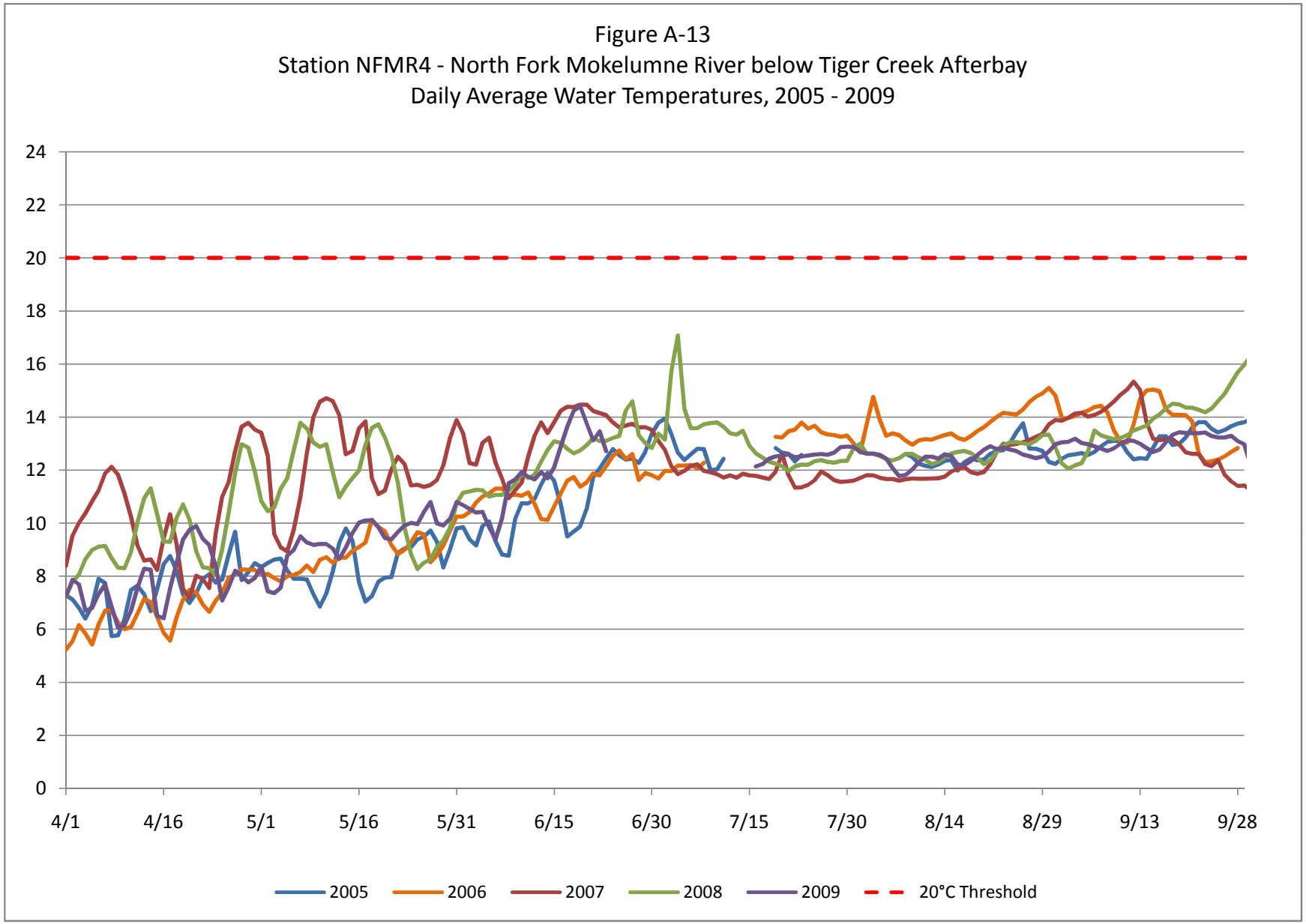


Figure A-13
Station NFMR4 - North Fork Mokelumne River below Tiger Creek Afterbay
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

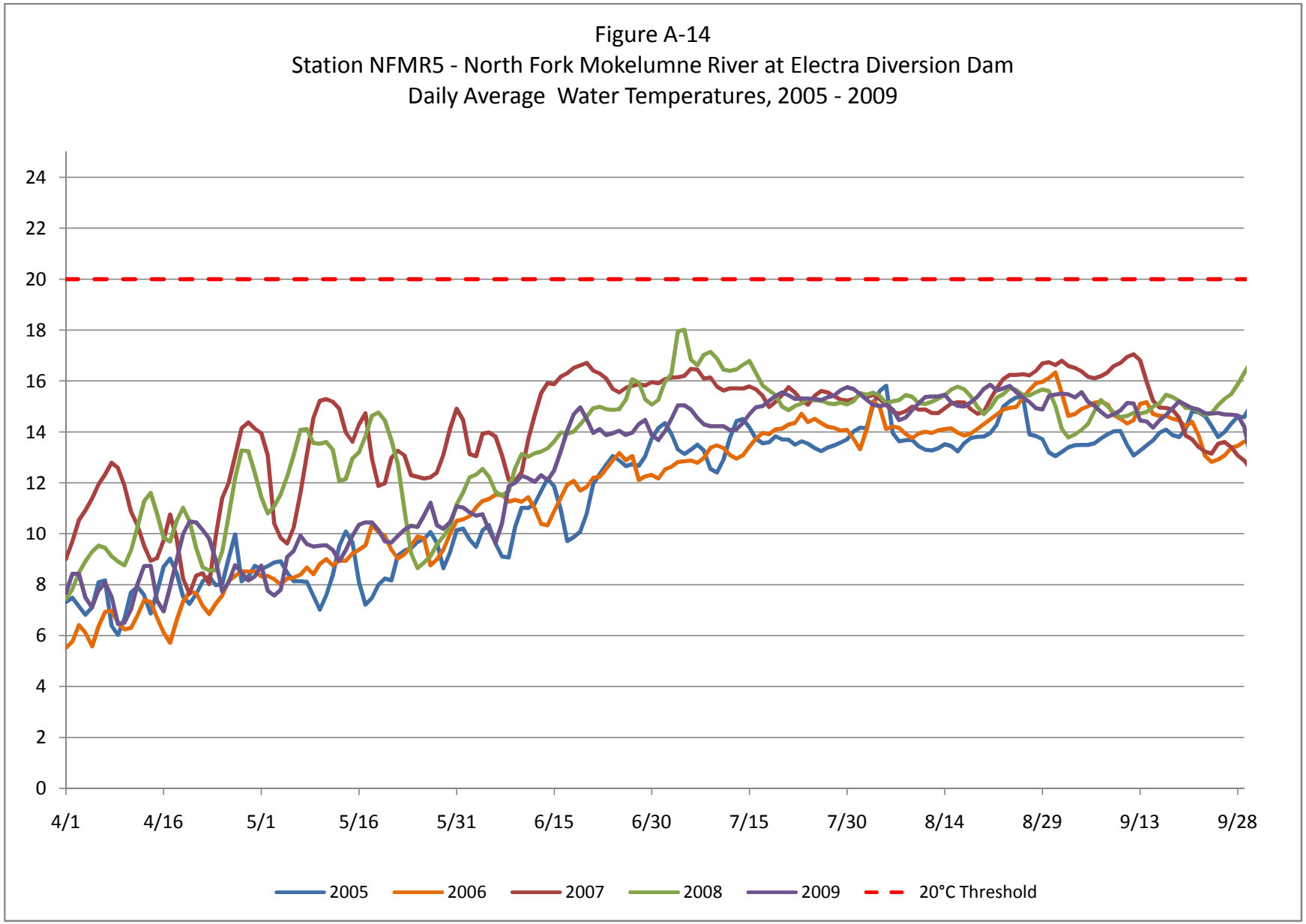


Figure A-14
Station NFMR5 - North Fork Mokelumne River at Electra Diversion Dam
Daily Average Water Temperatures, 2005 - 2009
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

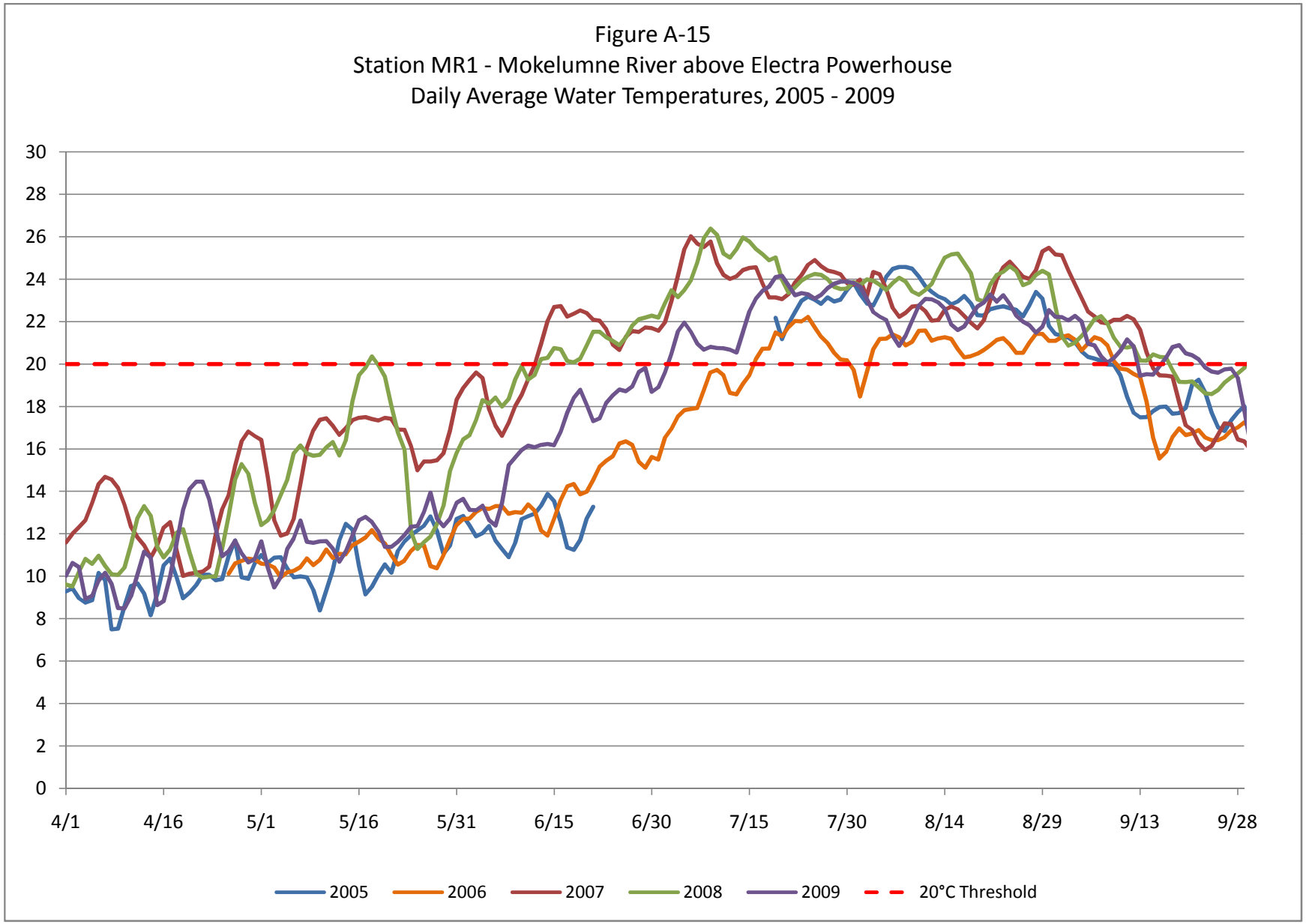


Figure A-15
Station MR1 - Mokelumne River above Electra Powerhouse
Daily Average Water Temperatures, 2005 - 2009
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
4/1
4/16
5/1
5/16
5/31
6/15
6/30
7/15
7/30
8/14
8/29
9/13
9/28
2005
2006
2007
2008
2009
20°C Threshold

**Appendix G**

Monthly Stream Water Temperature, 2005-2009

**Table B-1. Station BC1 – Blue Creek below Upper Blue Lake.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | -- | -- | -- | -- | -- | -- | 0.6 | 2.0 | 5.8 | 6.3 | 11.8 | 21.4 | 12.2 | 14.3 | 16.0 | 11.3 | 13.9 | 16.2 |
| **2006** | -- | -- | -- | -- | -- | -- | 1.3 | 3.4 | 8.3 | 8.9 | 15.0 | 18.7 | 16.2 | 17.4 | 18.3 | 10.5 | 14.1 | 17.4 |
| **2007** | -- | -- | -- | -- | -- | -- | 10.4 | 14.7 | 17.3 | 17.2 | 19.3 | 20.3 | 16.8 | 18.2 | 20.4 | 11.2 | 15.5 | 18.3 |
| **2008** | -- | -- | -- | -- | -- | -- | 4.4 | 10.4 | 16.0 | 16.3 | 18.7 | 20.0 | 16.9 | 18.4 | 19.2 | 13.1 | 15.0 | 16.6 |
| **2009** | -- | -- | -- | -- | -- | -- | 3.4 | 8.7 | 15.6 | 15.8 | 18.0 | 20.8 | 16.5 | 17.7 | 20.2 | 12.5 | 15.5 | 16.8 |

-- : Data not required

**Table B-2. Station BC1 – Blue Creek below Upper Blue Lake.**
**Monthly Average Water Temperature (°C), Air Temperature (°C) and Flow (cfs), 2005 – 2009. CDEC Station BLK, Flow Gage M66.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | -- | -- | -- | -- | -- | 11.9 | 2.0 | 0.6 | 18.1 | 11.8 | 16.4 | 17.7 | 14.3 | 11.7 | 6.0 | 13.9 | 8.1 | 6.0 |
| **2006** | -- | -- | -- | -- | -- | 11.9 | 3.4 | 11.0 | 20.2 | 15.0 | 15.1 | 14.2 | 17.4 | 16.5 | 6.0 | 14.1 | 10.4 | 6.0 |
| **2007** | -- | -- | -- | -- | -- | 4.4 | 17.4 | 10.7 | 17.4 | 19.3 | 15.1 | 40.0 | 18.2 | 14.5 | 29.3 | 15.5 | 10.1 | 10.3 |
| **2008** | -- | -- | -- | -- | -- | 5.1 | 10.4 | 10.8 | 6.2 | 18.7 | 14.3 | 19.7 | 18.4 | 14.7 | 24.4 | 15.0 | 12.1 | 10.6 |
| **2009** | -- | -- | -- | -- | -- | 7.3 | 8.7 | 8.2 | 15.6 | 18.0 | 14.5 | 25.5 | 17.7 | 12.9 | 21.7 | 15.5 | 12.2 | 18.1 |

-- : Data not required

**Table B-3. Station BC2 – Blue Creek below Lower Blue Lake.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 - 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | -- | -- | -- | -- | -- | -- | 1.0 | 2.5 | 5.3 | 5.4 | 8.2 | 14.2 | 14.8 | 17.5 | 18.8 | 8.7 | 12.0 | 14.8 |
| **2006** | -- | -- | -- | -- | -- | -- | 1.3 | 3.3 | 5.4 | 8.4 | 15.6 | 20.7 | 8.6 | 12.4 | 16.3 | 11.3 | 14.2 | 16.5 |
| **2007** | -- | -- | -- | -- | -- | -- | 5.9 | 7.7 | 11.5 | 11.8 | 16.1 | 18.8 | 17.2 | 18.1 | 19.1 | 12.1 | 15.9 | 18.1 |
| **2008** | -- | -- | -- | -- | -- | -- | 4.6 | 5.9 | 7.1 | 7.3 | 12.2 | 17.8 | 17.9 | 18.2 | 18.5 | 13.7 | 15.7 | 17.5 |
| **2009** | -- | -- | -- | -- | -- | -- | 4.1 | 5.1 | 7.0 | 7.1 | 12.2 | 16.7 | 17.0 | 17.5 | 18.2 | 13.9 | 16.0 | 17.2 |

-- : Data not required

**Table B-4. Station BC2 – Blue Creek below Lower Blue Lake.**
**Monthly Average Water Temperature (°C), Air Temperature (°C) and Flow (cfs), 2005 – 2009. CDEC Station BLK, Flow Gage M3.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | -- | -- | -- | -- | -- | -- | 2.5 | 0.6 | 42.1 | 8.2 | 16.4 | 44.9 | 17.5 | 11.7 | 50.7 | 12.0 | 8.1 | 6.9 |
| **2006** | -- | -- | -- | -- | -- | -- | 3.3 | 11.0 | 28.6 | 15.6 | 15.1 | 46.8 | 12.4 | 16.5 | 33.6 | 14.2 | 10.4 | 34.8 |
| **2007** | -- | -- | -- | -- | -- | -- | 7.7 | 10.7 | 18.1 | 16.1 | 15.1 | 43.6 | 18.1 | 14.5 | 40.2 | 15.9 | 10.1 | 22.8 |
| **2008** | -- | -- | -- | -- | -- | -- | 5.9 | 10.8 | 5.3 | 12.2 | 14.3 | 23.3 | 18.2 | 14.7 | 28.9 | 15.7 | 12.1 | 21.0 |
| **2009** | -- | -- | -- | -- | -- | -- | 5.1 | 8.2 | 21.4 | 12.2 | 14.5 | 37.2 | 17.5 | 12.9 | 30.4 | 16.0 | 12.2 | 30.2 |

-- : Data not required

**Table B-5. Station MC1 – Meadow Creek below Twin Lake.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | -- | -- | -- | -- | -- | -- | 0.9 | 2.2 | 6.0 | 6.4 | 12.1 | 18.8 | 16.8 | 18.2 | 19.3 | 11.2 | 13.8 | 16.7 |
| **2006** | -- | -- | -- | -- | -- | -- | 1.3 | 3.5 | 8.1 | 8.4 | 15.6 | 20.7 | 16.8 | 17.9 | 19.1 | 11.7 | 14.7 | 17.4 |
| **2007** | -- | -- | -- | -- | -- | -- | 11.3 | 15.1 | 17.6 | 17.3 | 18.9 | 20.0 | 15.8 | 17.5 | 19.6 | 8.8 | 14.7 | 17.8 |
| **2008** | -- | -- | -- | -- | -- | -- | 5.9 | 13.1 | 18.1 | 18.2 | 19.4 | 20.7 | 17.3 | 18.3 | 19.3 | 13.1 | 14.8 | 16.3 |
| **2009** | -- | -- | -- | -- | -- | -- | 4.9 | 10.4 | 16.2 | 16.3 | 18.5 | 21.0 | 16.8 | 18.0 | 20.9 | 12.9 | 15.7 | 16.8 |

-- : Data not required

**Table B-6. Station MC1 – Meadow Creek below Twin Lake.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station BLK, Flow Gage M68.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | -- | -- | -- | -- | -- | -- | 2.2 | 0.6 | 1.8 | 12.1 | 16.4 | 1.9 | 18.2 | 11.7 | 1.8 | 13.8 | 8.1 | 2.2 |
| **2006** | -- | -- | -- | -- | -- | -- | 3.5 | 11.0 | 2.0 | 15.6 | 15.1 | 2.3 | 17.9 | 16.5 | 2.0 | 14.7 | 10.4 | 2.1 |
| **2007** | -- | -- | -- | -- | -- | -- | 15.1 | 10.7 | 3.4 | 18.9 | 15.1 | 3.4 | 17.5 | 14.5 | 3.5 | 14.7 | 10.1 | 2.0 |
| **2008** | -- | -- | -- | -- | -- | -- | 13.1 | 10.8 | 2.2 | 19.4 | 14.3 | 1.8 | 18.3 | 14.7 | 1.7 | 14.8 | 12.1 | 1.8 |
| **2009** | -- | -- | -- | -- | -- | -- | 10.4 | 8.2 | 2.2 | 18.5 | 14.5 | 3.5 | 18.0 | 12.9 | 3.8 | 15.7 | 12.2 | 3.8 |

-- : Data not required

**Table B-7. Station MC2 – Meadow Creek below Meadow Lake.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | -- | -- | -- | -- | -- | -- | 1.5 | 3.0 | 5.7 | 5.7 | 6.3 | 7.3 | 7.3 | 9.8 | 15.6 | 11.5 | 13.9 | 15.6 |
| **2006** | -- | -- | -- | -- | -- | -- | 5.6 | 5.8 | 6.0 | 6.0 | 7.1 | 8.5 | 8.6 | 12.4 | 16.3 | 11.3 | 14.2 | 16.5 |
| **2007** | -- | -- | -- | -- | -- | -- | 6.6 | 7.3 | 8.4 | 8.5 | 11.2 | 15.9 | 16.2 | 17.5 | 18.0 | 11.2 | 15.5 | 17.6 |
| **2008** | -- | -- | -- | -- | -- | -- | 4.4 | 7.0 | 8.5 | 7.6 | 8.6 | 10.0 | 10.4 | 15.5 | 17.7 | 12.9 | 14.5 | 16.1 |
| **2009** | -- | -- | -- | -- | -- | -- | 4.5 | 5.3 | 5.9 | 8.9 | 9.9 | 11.0 | 11.8 | 15.3 | 16.9 | 11.7 | 12.0 | 12.2 |

-- : Data not required

**Table B-8. Station MC2 – Meadow Creek below Meadow Lake.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station BLK, Flow Gage M6**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | -- | -- | -- | -- | -- | 15.5 | 3.0 | 0.6 | 34.9 | 6.3 | 16.4 | 34.1 | 9.8 | 11.7 | 28.2 | 13.9 | 8.1 | 27.9 |
| **2006** | -- | -- | -- | -- | -- | 58.0 | 5.8 | 11.0 | 56.4 | 7.1 | 15.1 | 35.8 | 12.4 | 16.5 | 29.0 | 14.2 | 10.4 | 35.0 |
| **2007** | -- | -- | -- | -- | -- | -- | 7.3 | 10.7 | 18.3 | 11.2 | 15.1 | 44.0 | 17.5 | 14.5 | 42.7 | 15.5 | 10.1 | 24.5 |
| **2008** | -- | -- | -- | -- | -- | -- | 7.0 | 10.8 | 40.2 | 8.6 | 14.3 | 20.6 | 15.5 | 14.7 | 24.6 | 14.5 | 12.1 | 22.8 |
| **2009** | -- | -- | -- | -- | -- | 27.6 | 5.3 | 8.2 | 36.0 | 9.9 | 14.5 | 30.7 | 15.3 | 12.9 | 27.8 | 12.0 | 12.2 | 25.0 |

-- : Data not required

**Table B-9. Station NFMR1 – NFMR above Salt Springs Reservoir.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 4.1 | 5.2 | 6.3 | 4.0 | 5.6 | 6.9 | 5.4 | 7.6 | 11.2 | 11.1 | 14.5 | 18.2 | 16.1 | 17.5 | 19.1 | 12.6 | 14.5 | 16.6 |
| **2006** | 2.8 | 4.7 | 6.1 | 4.2 | 5.8 | 6.9 | 6.6 | 8.8 | 12.3 | 12.9 | 16.2 | 19.0 | 16.4 | 17.3 | 18.2 | 11.6 | 14.8 | 18.0 |
| **2007** | 3.2 | 5.8 | 8.0 | 5.3 | 9.3 | 12.0 | 9.1 | 13.6 | 17.9 | 17.7 | 19.7 | 20.5 | 17.9 | 19.1 | 20.3 | 10.7 | 16.1 | 19.5 |
| **2008** | 4.0 | 5.5 | 7.2 | 4.9 | 6.7 | 9.4 | 8.3 | 12.2 | 16.7 | 16.7 | 18.5 | 19.5 | 22.7 | 24.0 | 25.2 | 18.6 | 20.3 | 22.3 |
| **2009** | 4.1 | 5.3 | 6.5 | 4.6 | 7.1 | 13.9 | 6.8 | 11.3 | 15.6 | 14.6 | 17.5 | 20.5 | 15.1 | 17.8 | 19.5 | 12.0 | 16.3 | 18.1 |

**Table B-10. Station NFMR1 – NFMR above Salt Springs Reservoir.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station SSR, Flow Gage M902A.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 5.2 | 9.6 | | 5.6 | 14.1 | | 7.6 | 15.8 | | 14.5 | 26.2 | | 17.5 | 25.2 | | 14.5 | 18.6 | |
| **2006** | 4.7 | 9.1 | | 5.8 | 15.2 | | 8.8 | 19.2 | | 16.2 | 25.9 | | 17.3 | 23.4 | | 14.8 | -- | |
| **2007** | 5.8 | 12.0 | 760.5 | 9.3 | 17.1 | 926.3 | 13.6 | 21.1 | 193.9 | 19.7 | 25.0 | 83.1 | 19.1 | 24.4 | 100.2 | 16.1 | 18.9 | 90.6 |
| **2008** | 5.5 | 10.4 | 631.5 | 6.7 | 16.0 | 1391.4 | 12.2 | 21.8 | 582.2 | 18.5 | 25.8 | 82.3 | 24.0 | 25.4 | 50.4 | 20.3 | 23.0 | 40.4 |
| **2009** | 5.3 | 10.9 | 472.7 | 7.1 | 16.9 | 1710.3 | 11.3 | 18.0 | 459.1 | 17.5 | 25.6 | 167.7 | 17.8 | 23.8 | 88.1 | 16.3 | 23.0 | 47.9 |

**Table B-11. Station NFMR2 – NFMR below Salt Springs Reservoir.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 3.7 | 6.3 | 7.6 | 5.5 | 6.3 | 6.8 | 6.5 | 9.2 | 12.0 | 8.0 | 8.7 | 12.4 | 8.1 | 9.0 | 9.8 | 9.8 | 10.6 | 11.3 |
| **2006** | 4.0 | 4.7 | 5.4 | 5.4 | 7.3 | 9.5 | 8.3 | 9.6 | 10.6 | 9.0 | 9.1 | 9.3 | 9.2 | 10.2 | 11.6 | 10.3 | 11.3 | 12.2 |
| **2007** | 7.0 | 7.3 | 7.9 | 7.4 | 8.3 | 9.1 | 8.5 | 9.5 | 10.0 | 10.5 | 11.2 | 11.7 | 11.0 | 11.3 | 11.7 | 11.0 | 11.4 | 11.7 |
| **2008** | 7.3 | 7.9 | 9.0 | 7.6 | 8.3 | 9.0 | 8.6 | 9.3 | 10.0 | 9.8 | 10.6 | 11.2 | 10.7 | 11.2 | 11.5 | 10.5 | 10.9 | 11.3 |
| **2009** | 6.3 | 6.8 | 7.2 | 7.0 | 7.3 | 7.9 | 7.8 | 8.8 | 12.3 | 9.7 | 10.7 | 11.3 | 10.9 | 11.6 | 12.0 | 11.0 | 11.8 | 12.1 |

**Table B-12. Station NFMR2 – NFMR below Salt Springs Reservoir.**
**Monthly Average Water Temperature (°C), Air Temperature(°C), and Flow (cfs), 2005 – 2009. CDEC Station SSR, Flow Gage M11.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 6.3 | 9.6 | 672.1 | 6.3 | 14.1 | 1153.9 | 9.2 | 15.8 | 1546.3 | 8.7 | 26.2 | 568.3 | 9.0 | 25.2 | 327.0 | 10.6 | 18.6 | 160.1 |
| **2006** | 4.7 | 9.1 | 828.7 | 7.3 | 15.2 | 2411.6 | 9.6 | 19.2 | 1951.5 | 9.1 | 25.9 | 438.8 | 10.2 | 23.4 | 328.4 | 11.3 | -- | 92.7 |
| **2007** | 7.3 | 12.0 | 80.2 | 8.3 | 17.1 | 94.7 | 9.5 | 21.1 | 66.2 | 11.2 | 25.0 | 24.5 | 11.3 | 24.4 | 37.7 | 11.4 | 18.9 | 90.6 |
| **2008** | 7.9 | 10.4 | 85.9 | 8.3 | 16.0 | 86.5 | 9.3 | 21.8 | 69.6 | 10.6 | 25.8 | 31.4 | 11.2 | 25.4 | 24.2 | 10.9 | 23.0 | 22.6 |
| **2009** | 6.8 | 10.9 | 126.5 | 7.3 | 16.9 | 1390.7 | 8.8 | 18.0 | 630.9 | 10.7 | 25.6 | 42.7 | 11.6 | 23.8 | 25.0 | 11.8 | 23.0 | 24.1 |

**Table B-13. Station CC0 – Cole Creek below Project Diversion.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | -- | -- | -- | -- | -- | -- | 7.6 | 8.7 | 10.4 | 10.8 | 16.4 | 19.7 | 15.5 | 17.0 | 18.7 | 10.0 | 12.5 | 15.6 |
| **2006** | -- | -- | -- | -- | -- | -- | 9.4 | 11.7 | 13.8 | 14.5 | 17.8 | 20.9 | 14.5 | 16.0 | 17.7 | 11.1 | 13.1 | 15.6 |
| **2007** | -- | -- | -- | -- | -- | -- | 8.7 | 14.7 | 16.9 | 16.2 | 18.3 | 19.4 | 15.9 | 17.0 | 18.5 | 9.3 | 13.9 | 17.7 |
| **2008** | -- | -- | -- | -- | -- | -- | 8.0 | 12.7 | 17.0 | 16.5 | 17.9 | 19.5 | 15.9 | 16.7 | 17.5 | 12.1 | 13.6 | 15.4 |
| **2009** | -- | -- | -- | -- | -- | -- | 5.7 | 11.5 | 17.7 | 15.1 | 17.4 | 19.7 | 14.2 | 16.3 | 19.0 | 10.9 | 14.6 | 16.1 |

-- : Data not required

**Table B-14. Station CC0 – Cole Creek below Project Diversion.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station SSR, Flow Gage M10.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | -- | -- | -- | -- | -- | 39.6 | 8.7 | 15.8 | 28.9 | 16.4 | 26.2 | 29.4 | 17.0 | 25.2 | 0.1 | 12.5 | 18.6 | 0.0 |
| **2006** | -- | -- | -- | -- | -- | 39.2 | 11.7 | 19.2 | 27.9 | 17.8 | 25.9 | 13.4 | 16.0 | 23.4 | 0.0 | 13.1 | -- | 0.0 |
| **2007** | -- | -- | -- | -- | -- | -- | 14.7 | 21.1 | 12.6 | 18.3 | 25.0 | 0.5 | 17.0 | 24.4 | 0.1 | 13.9 | 18.9 | 0.2 |
| **2008** | -- | -- | -- | -- | -- | -- | 12.7 | 21.8 | 49.7 | 17.9 | 25.8 | 1.3 | 16.7 | 25.4 | 0.3 | 13.6 | 23.0 | 0.3 |
| **2009** | -- | -- | -- | -- | -- | 316.0 | 11.5 | 18.0 | 46.7 | 17.4 | 25.6 | 1.9 | 16.3 | 23.8 | 0.2 | 14.6 | 23.0 | 0.1 |

-- : Data not required

**Table B-15. Station CC1 – Cole Creek above the Confluence with NFMR.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 1.8 | 4.9 | 6.7 | 3.9 | 6.0 | 7.5 | 6.4 | 9.0 | 13.6 | 13.5 | 16.9 | 19.4 | 15.8 | 16.9 | 17.6 | 13.2 | 14.3 | 16.1 |
| **2006** | 2.5 | 4.1 | 5.3 | 4.9 | 6.4 | 8.1 | 7.6 | 10.9 | 15.2 | 15.4 | 17.3 | 19.5 | 12.7 | 16.2 | 17.3 | 12.9 | 14.9 | 16.8 |
| **2007** | 3.8 | 6.8 | 9.3 | 5.3 | 10.2 | 14.3 | 10.2 | 14.5 | 15.8 | 15.3 | 16.6 | 17.5 | 15.8 | 16.9 | 18.2 | 10.5 | 12.5 | 18.0 |
| **2008** | 4.4 | 6.0 | 8.4 | 6.1 | 8.7 | 12.2 | 10.0 | 13.3 | 16.1 | 15.9 | 16.7 | 17.5 | 16.4 | 17.2 | 18.1 | 12.7 | 15.7 | 17.8 |
| **2009** | 3.3 | 5.8 | 7.9 | 4.6 | 8.3 | 11.2 | 8.4 | 12.7 | 16.7 | 15.9 | 16.9 | 17.8 | 15.1 | 16.4 | 17.3 | 12.8 | 15.8 | 16.8 |

**Table B-16. Station CC1 – Cole Creek above the Confluence with NFMR.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station SSR, Flow Gage M52.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 4.9 | 9.6 | -- | 6.0 | 14.1 | -- | 9.0 | 15.8 | -- | 16.9 | 26.2 | 3.5 | 16.9 | 25.2 | 0.5 | 14.3 | 18.6 | 0.2 |
| **2006** | 4.1 | 9.1 | 74.9 | 6.4 | 15.2 | -- | 10.9 | 19.2 | 69.9 | 17.3 | 25.9 | 12.8 | 16.2 | 23.4 | 0.2 | 14.9 | -- | 0.2 |
| **2007** | 6.8 | 12.0 | 21.8 | 10.2 | 17.1 | 20.9 | 14.5 | 21.1 | 6.7 | 16.6 | 25.0 | 0.5 | 16.9 | 24.4 | 1.7 | 12.5 | 18.9 | 0.1 |
| **2008** | 6.0 | 10.4 | 18.2 | 8.7 | 16.0 | 16.3 | 13.3 | 21.8 | 8.7 | 16.7 | 25.8 | 0.7 | 17.2 | 25.4 | 0.0 | 15.7 | 23.0 | 0.0 |
| **2009** | 5.8 | 10.9 | 28.5 | 8.3 | 16.9 | 248.4 | 12.7 | 18.0 | 27.8 | 16.9 | 25.6 | 2.1 | 16.4 | 23.8 | 0.2 | 15.8 | 23.0 | 0.2 |

**Table B-17. Station BR1 – Bear River below Lower Bear River Reservoir.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 2.1 | 3.3 | 4.1 | 3.6 | 4.9 | 5.7 | 8.1 | 11.0 | 15.0 | 8.0 | 10.4 | 16.6 | 7.5 | 7.9 | 8.3 | 6.9 | 7.4 | 7.9 |
| **2006** | 2.1 | 2.4 | 2.6 | 2.1 | 4.4 | 6.8 | 4.8 | 6.3 | 9.1 | 6.3 | 7.0 | 7.6 | 7.1 | 8.1 | 8.6 | 8.2 | 9.0 | 10.0 |
| **2007** | 4.5 | 5.0 | 5.5 | 4.9 | 6.3 | 7.7 | 6.5 | 8.8 | 9.7 | 8.4 | 9.1 | 11.3 | 8.3 | 9.0 | 10.0 | 6.8 | 8.6 | 10.0 |
| **2008** | 2.9 | 4.0 | 5.3 | 4.7 | 5.8 | 7.1 | 7.4 | 8.2 | 8.7 | 8.5 | 8.9 | 9.2 | 8.6 | 9.3 | 9.6 | 8.2 | 8.8 | 9.4 |
| **2009** | -- | -- | -- | -- | -- | -- | 6.9 | 9.2 | 11.6 | 7.7 | 8.7 | 9.3 | 7.9 | 8.9 | 9.6 | 9.1 | 9.8 | 10.3 |

**Table B-18. Station BR1 – Bear River below Lower Bear River Reservoir.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station SSR, Flow Gage M49.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 3.3 | 9.6 | 11.7 | 4.9 | 14.1 | 15.0 | 11.0 | 15.8 | 43.0 | 10.4 | 26.2 | 9.9 | 7.9 | 25.2 | 5.6 | 7.4 | 18.6 | 5.9 |
| **2006** | 2.4 | 9.1 | 146.6 | 4.4 | 15.2 | 140.9 | 6.3 | 19.2 | 111.0 | 7.0 | 25.9 | 39.6 | 8.1 | 23.4 | 23.0 | 9.0 | -- | 20.4 |
| **2007** | 5.0 | 12.0 | 30.8 | 6.3 | 17.1 | 28.7 | 8.8 | 21.1 | 14.9 | 9.1 | 25.0 | 10.5 | 9.0 | 24.4 | 10.3 | 8.6 | 18.9 | 10.0 |
| **2008** | 4.0 | 10.4 | 26.3 | 5.8 | 16.0 | 22.7 | 8.2 | 21.8 | 9.6 | 8.9 | 25.8 | 7.0 | 9.3 | 25.4 | 4.7 | 8.8 | 23.0 | 4.4 |
| **2009** | -- | 10.9 | 26.4 | -- | 16.9 | 171.9 | 9.2 | 18.0 | 25.8 | 8.7 | 25.6 | 12.7 | 8.9 | 23.8 | 7.8 | 9.8 | 23.0 | 5.2 |

**Table B-19. Station BR2 – Bear River below Salt Springs Road.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 4.3 | 5.8 | 7.1 | 4.9 | 7.4 | 8.9 | 8.1 | 11.0 | 16.2 | 15.4 | 17.7 | 19.1 | 14.7 | 16.5 | 18.0 | 11.2 | 12.8 | 14.9 |
| **2006** | 3.1 | 5.0 | 6.6 | 6.0 | 7.7 | 9.3 | 8.5 | 10.4 | 12.0 | 11.6 | 13.1 | 14.8 | 11.8 | 13.1 | 14.1 | 8.9 | 11.9 | 13.8 |
| **2007** | 4.4 | 7.3 | 9.8 | 5.9 | 10.2 | 12.8 | 9.3 | 13.8 | 15.5 | 14.7 | 16.6 | 17.9 | 14.2 | 15.7 | 17.4 | 9.6 | 13.6 | 17.3 |
| **2008** | 4.5 | 6.1 | 8.7 | 6.3 | 9.4 | 13.6 | 11.2 | 13.7 | 16.0 | 15.7 | 16.8 | 18.3 | 15.2 | 17.0 | 18.7 | 12.1 | 13.6 | 15.4 |
| **2009** | 3.6 | 6.3 | 8.7 | 7.0 | 8.9 | 11.7 | 8.6 | 12.3 | 14.5 | 13.0 | 15.3 | 17.3 | 13.3 | 15.3 | 16.7 | 10.8 | 14.8 | 16.1 |

**Table B-20. Station BR2 – Bear River below Salt Springs Road.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station SSR, Flow Gage M89.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 5.8 | 9.6 | 52.9 | 7.4 | 14.1 | 76.4 | 11.0 | 15.8 | 61.6 | 17.7 | 26.2 | 18.6 | 16.5 | 25.2 | 10.9 | 12.8 | 18.6 | 7.9 |
| **2006** | 5.0 | 9.1 | -- | 7.7 | 15.2 | -- | 10.4 | 19.2 | 76.6 | 13.1 | 25.9 | 38.6 | 13.1 | 23.4 | 25.1 | 11.9 | -- | 21.1 |
| **2007** | 7.3 | 12.0 | 60.5 | 10.2 | 17.1 | 45.7 | 13.8 | 21.1 | 22.7 | 16.6 | 25.0 | 107.2 | 15.7 | 24.4 | 6.8 | 13.6 | 18.9 | 6.8 |
| **2008** | 6.1 | 10.4 | 62.8 | 9.4 | 16.0 | 30.8 | 13.7 | 21.8 | 19.2 | 16.8 | 25.8 | 15.8 | 17.0 | 25.4 | 6.0 | 13.6 | 23.0 | 6.2 |
| **2009** | 6.3 | 10.9 | 77.6 | 8.9 | 16.9 | 206.6 | 12.3 | 18.0 | 30.2 | 15.3 | 25.6 | 15.2 | 15.3 | 23.8 | 9.7 | 14.8 | 23.0 | 5.8 |

**Table B-21. Station NFMR3 – NFMF above Tiger Creek Afterbay at Gage M-38.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 5.6 | 7.7 | 9.4 | 6.8 | 8.4 | 10.2 | 8.9 | 11.3 | 14.7 | 12.2 | 14.3 | 15.6 | 13.5 | 14.5 | 15.4 | 12.0 | 13.6 | 15.6 |
| **2006** | 5.3 | 6.8 | 8.0 | 7.6 | 8.9 | 10.8 | 10.4 | 11.3 | 12.1 | 13.5 | 14.4 | 15.0 | 13.1 | 14.6 | 15.5 | 12.1 | 14.2 | 16.8 |
| **2007** | 6.5 | 9.9 | 13.3 | 8.4 | 13.8 | 17.0 | 13.2 | 18.3 | 20.4 | 19.9 | 22.4 | 24.3 | 19.4 | 21.1 | 22.9 | 12.2 | 17.0 | 21.9 |
| **2008** | 7.1 | 9.2 | 12.4 | 9.3 | 12.5 | 16.5 | 14.8 | 17.7 | 20.8 | 18.6 | 21.4 | 23.9 | 19.5 | 21.7 | 23.1 | 14.3 | 16.7 | 19.0 |
| **2009** | 6.1 | 8.5 | 11.4 | 7.3 | 9.4 | 10.6 | 9.2 | 12.7 | 17.3 | 16.2 | 20.8 | 23.2 | 18.1 | 20.3 | 22.2 | 12.4 | 17.3 | 19.9 |

**Table B-22. Station NFMR3 – NFMR above Tiger Creek Afterbay at Gage M-38.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station TCP, Flow Gage M38.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 7.7 | 9.6 | -- | 8.4 | 13.9 | -- | 11.3 | 16.3 | -- | 14.3 | 23.2 | -- | 14.5 | 22.1 | -- | 13.6 | 16.7 | -- |
| **2006** | 6.8 | 13.1 | -- | 8.9 | 19.1 | -- | 11.3 | 23.1 | -- | 14.4 | 27.2 | -- | 14.6 | 25.2 | -- | 14.2 | 23.9 | -- |
| **2007** | 9.9 | 11.3 | 311.6 | 13.8 | 15.5 | 275.7 | 18.3 | 19.1 | 145.0 | 22.4 | 22.5 | 64.8 | 21.1 | 22.2 | 56.5 | 17.0 | 17.1 | 56.2 |
| **2008** | 9.2 | 10.3 | 303.5 | 12.5 | 15.0 | 279.1 | 17.7 | 19.6 | 145.5 | 21.4 | 23.1 | 71.0 | 21.7 | 22.9 | 45.1 | 16.7 | 20.0 | 41.2 |
| **2009** | 8.5 | 10.1 | 409.9 | 9.4 | 16.5 | 1909.8 | 12.7 | 17.8 | 729.7 | 20.8 | 22.7 | 92.3 | 20.3 | 21.7 | 65.9 | 17.3 | 20.0 | 74.0 |

**Table B-23. Station TC1 – Tiger Creek below Tiger Creek Regulator Dam.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 4.9 | 6.2 | 8.1 | 6.5 | 7.9 | 10.1 | 7.1 | 8.2 | 9.8 | 9.5 | 9.8 | 10.4 | 9.5 | 10.3 | 11.1 | 11.2 | 12.3 | 13.3 |
| **2006** | 4.2 | 5.4 | 8.7 | 6.8 | 8.3 | 10.8 | 7.7 | 8.7 | 10.0 | 9.2 | 10.0 | 10.9 | 10.7 | 12.1 | 13.6 | 11.2 | 12.1 | 13.4 |
| **2007** | 6.3 | 7.9 | 9.0 | 8.8 | 9.5 | 10.9 | 9.4 | 10.1 | 10.5 | 9.6 | 10.0 | 10.4 | 10.5 | 11.4 | 13.2 | 11.4 | 13.3 | 14.8 |
| **2008** | 5.2 | 6.9 | 10.0 | 6.4 | 9.0 | 11.8 | 8.8 | 9.6 | 10.1 | 9.5 | 10.1 | 10.4 | 10.4 | 10.9 | 11.8 | 10.6 | 12.6 | 13.8 |
| **2009** | 5.5 | 6.3 | 7.1 | 6.1 | 7.8 | 9.0 | 9.2 | 11.6 | 13.9 | 9.5 | 10.1 | 10.4 | 10.3 | 11.0 | 11.5 | 11.3 | 11.8 | 12.2 |

**Table B-24. Station TC1 – Tiger Creek below Tiger Creek Regulator Dam.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station TCP, Flow Gage M76.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 6.2 | 9.6 | 12.6 | 7.9 | 13.9 | 9.6 | 8.2 | 16.3 | 5.4 | 9.8 | 23.2 | 5.4 | 10.3 | 22.1 | 3.5 | 12.3 | 16.7 | 3.4 |
| **2006** | 5.4 | 13.1 | 11.2 | 8.3 | 19.1 | 8.4 | 8.7 | 23.1 | 5.5 | 10.0 | 27.2 | 5.4 | 12.1 | 25.2 | 3.5 | 12.1 | 23.9 | 3.4 |
| **2007** | 7.9 | 11.3 | 11.0 | 9.5 | 15.5 | 8.0 | 10.1 | 19.1 | 5.9 | 10.0 | 22.5 | 25.7 | 11.4 | 22.2 | 26.4 | 13.3 | 17.1 | 26.2 |
| **2008** | 6.9 | 10.3 | 10.9 | 9.0 | 15.0 | 7.7 | 9.6 | 19.6 | 5.9 | 10.1 | 23.1 | 5.9 | 10.9 | 22.9 | 3.6 | 12.6 | 20.0 | 3.5 |
| **2009** | 6.3 | 10.1 | 10.9 | 7.8 | 16.5 | 8.1 | 11.6 | 17.8 | 5.9 | 10.1 | 22.7 | 5.9 | 11.0 | 21.7 | 3.7 | 11.8 | 20.2 | 3.5 |

**Table B-25. Station NFMR4 – NFMR below Tiger Creek Afterbay.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 5.7 | 7.5 | 9.7 | 6.9 | 8.4 | 9.8 | 8.8 | 10.9 | 13.4 | 12.0 | 12.7 | 13.9 | 12.0 | 12.5 | 13.8 | 12.4 | 13.1 | 13.9 |
| **2006** | 5.2 | 6.7 | 8.3 | 7.8 | 8.9 | 10.2 | 10.1 | 11.4 | 12.7 | 11.7 | 12.9 | 13.8 | 12.7 | 13.7 | 15.1 | 12.3 | 13.7 | 15.0 |
| **2007** | 7.2 | 10.2 | 13.8 | 8.9 | 12.2 | 14.7 | 11.0 | 13.3 | 15.5 | 11.3 | 11.9 | 13.1 | 11.6 | 12.2 | 13.9 | 12.1 | 13.6 | 15.3 |
| **2008** | 7.2 | 9.6 | 12.4 | 9.3 | 12.5 | 16.5 | 11.0 | 12.4 | 14.5 | 12.0 | 13.1 | 17.1 | 12.2 | 12.7 | 13.3 | 12.0 | 13.9 | 16.3 |
| **2009** | 6.1 | 7.8 | 9.9 | 7.4 | 9.4 | 10.8 | 9.4 | 11.9 | 14.4 | 12.1 | 12.6 | 12.9 | 11.8 | 12.5 | 13.0 | 12.2 | 13.1 | 13.4 |

**Table B-26. Station NFMR4 – NFMR below Tiger Creek Afterbay.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station TCP, Flow Gage M59.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 7.5 | 9.6 | 1388.7 | 8.4 | 13.9 | 2216.4 | 10.9 | 16.3 | 2055.8 | 12.7 | 23.2 | 495.6 | 12.5 | 22.1 | 164.2 | 13.1 | 16.7 | 86.6 |
| **2006** | 6.7 | 13.1 | 2664.6 | 8.9 | 19.1 | 3370.4 | 11.4 | 23.1 | 2317.6 | 12.9 | 27.2 | 454.0 | 13.7 | 25.2 | 253.4 | 13.7 | 23.9 | 118.4 |
| **2007** | 10.2 | 11.3 | 234.1 | 12.2 | 15.5 | 351.7 | 13.3 | 19.1 | 180.1 | 11.9 | 22.5 | 50.0 | 12.2 | 22.2 | 50.3 | 13.6 | 17.1 | 49.9 |
| **2008** | 9.6 | 10.3 | 262.9 | 12.5 | 15.0 | 314.3 | 12.4 | 19.6 | 219.4 | 13.1 | 23.1 | 51.8 | 12.7 | 22.9 | 51.8 | 13.9 | 20.0 | 51.0 |
| **2009** | 7.8 | 10.1 | 307.6 | 9.4 | 16.5 | 2157.4 | 11.9 | 17.8 | 783.8 | 12.6 | 22.7 | 61.1 | 12.5 | 21.7 | 41.7 | 13.1 | 20.2 | 38.6 |

**Table B-27. Station NFMR5 – NFMR at Electra Diversion Dam.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 6.0 | 7.8 | 10.0 | 7.0 | 8.7 | 10.1 | 9.1 | 11.2 | 13.7 | 12.4 | 13.6 | 14.5 | 13.0 | 14.0 | 15.8 | 13.1 | 13.9 | 15.0 |
| **2006** | 5.5 | 7.0 | 8.5 | 8.0 | 9.1 | 10.5 | 10.3 | 11.7 | 13.2 | 12.2 | 13.6 | 14.7 | 13.3 | 14.6 | 16.3 | 12.8 | 14.3 | 15.5 |
| **2007** | 7.6 | 10.7 | 14.4 | 9.6 | 13.0 | 15.3 | 12.1 | 15.0 | 16.8 | 15.0 | 15.8 | 16.5 | 14.8 | 15.5 | 16.8 | 13.2 | 15.5 | 17.1 |
| **2008** | 7.2 | 9.6 | 13.0 | 8.3 | 11.4 | 13.8 | 11.0 | 12.4 | 14.5 | 12.0 | 13.1 | 17.1 | 12.2 | 12.7 | 13.3 | 12.2 | 13.9 | 16.3 |
| **2009** | 6.5 | 8.3 | 10.5 | 7.6 | 9.7 | 11.2 | 9.6 | 12.8 | 15.0 | 13.7 | 14.9 | 15.8 | 14.5 | 15.2 | 15.8 | 13.0 | 14.8 | 15.6 |

**Table B-28. Station NFMR5 – NFMR at Electra Diversion Dam.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station TCP, Flow Gage M46.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 7.8 | 9.6 | 365.0 | 8.7 | 13.9 | -- | 11.2 | 16.3 | -- | 13.6 | 23.2 | 140.3 | 14.0 | 22.1 | 26.6 | 13.9 | 16.7 | 26.0 |
| **2006** | 7.0 | 13.1 | 1883.7 | 9.1 | 19.1 | 1963.3 | 11.7 | 23.1 | 1458.2 | 13.6 | 27.2 | 214.1 | 14.6 | 25.2 | 85.2 | 14.3 | 23.9 | 53.7 |
| **2007** | 10.7 | 11.3 | 106.5 | 13.0 | 15.5 | 200.5 | 15.0 | 19.1 | 73.1 | 15.8 | 22.5 | 26.4 | 15.5 | 22.2 | 26.4 | 15.5 | 17.1 | 26.2 |
| **2008** | 9.6 | 10.3 | 197.3 | 11.4 | 15.0 | 179.3 | 12.4 | 19.6 | 66.0 | 13.1 | 23.1 | 26.8 | 12.7 | 22.9 | 25.6 | 13.9 | 20.0 | 24.3 |
| **2009** | 8.3 | 10.1 | 152.0 | 9.7 | 16.5 | 1658.1 | 12.8 | 17.8 | 311.5 | 14.9 | 22.7 | 58.6 | 15.2 | 21.7 | 39.8 | 14.8 | 20.2 | 36.5 |

**Table B-29. Station MR1 – Mokelumne River above Electra Powerhouse.**
**Monthly Minimum, Average, and Maximum Water Temperature (°C) 2005 – 2009.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** | **Min** | **Avg** | **Max** |
| **2005** | 7.5 | 9.5 | 11..7 | 8.4 | 10.9 | 12.8 | 10. | 12.3 | 13.9 | 21.2 | 22.8 | 23.8 | 16.8 | 18.7 | 21.3 | -- | -- | -- |
| **2006** | 10.1 | 10.6 | 10.8 | 10.0 | 11.0 | 12.4 | 11.9 | 14.0 | 16.4 | 15.5 | 19.7 | 22.2 | 18.5 | 20.9 | 21.6 | 15.5 | 18.4 | 21.4 |
| **2007** | 10.0 | 12.7 | 16.8 | 11.9 | 16.1 | 18.3 | 16.6 | 20.5 | 22.7 | 21.6 | 24.1 | 26.0 | 21.7 | 23.3 | 25.5 | 15.8 | 20.4 | 25.1 |
| **2008** | 9.5 | 11.5 | 15.3 | 11.3 | 15.5 | 20.4 | 16.4 | 20.0 | 22.3 | 22.2 | 24.4 | 26.4 | 22.7 | 24.0 | 25.2 | 18.6 | 20.3 | 22.3 |
| **2009** | 8.5 | 10.8 | 14.5 | 9.5 | 11.9 | 13.9 | 12.4 | 16.5 | 19.8 | 18.9 | 22.3 | 24.3 | 20.9 | 22.4 | 23.7 | 16.1 | 20.2 | 22.3 |

**Table B-30. Station MR1 – Mokelumne River above Electra Powerhouse.**
**Monthly Average Water Temperature (°C), Air Temperature (°C), and Flow (cfs), 2005 – 2009. CDEC Station ESP, Flow Gage M46.**

| | April | | | May | | | June | | | July | | | August | | | September | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** | **Water** | **Air** | **Flow** |
| **2005** | 9.5 | 15.1 | 365.0 | 10.9 | 15.2 | -- | 12.3 | 17.9 | -- | 22.8 | 26.0 | 140.3 | 18.7 | 24.9 | 26.6 | -- | 18.7 | 26.0 |
| **2006** | 10.6 | -- | 1883.7 | 11.0 | -- | 1963.3 | 14.0 | 22.7 | 1458.2 | 19.7 | 26.4 | 214.1 | 20.9 | 22.9 | 85.2 | 18.4 | 21.0 | 53.7 |
| **2007** | 12.7 | 12.4 | 106.5 | 16.1 | 17.2 | 200.5 | 20.5 | 21.1 | 73.1 | 24.1 | 24.4 | 26.4 | 23.3 | 24.3 | 26.4 | 20.4 | 18.6 | 26.2 |
| **2008** | 11.5 | 11.4 | 197.3 | 15.5 | 16.7 | 179.3 | 20.0 | 21.7 | 66.0 | 24.4 | 24.8 | 26.8 | 24.0 | 24.8 | 25.6 | 20.3 | 22.2 | 24.3 |
| **2009** | 10.8 | 11.6 | 152.0 | 11.9 | 15.0 | 1658.1 | 16.5 | -- | 311.5 | 22.3 | -- | 58.6 | 22.4 | -- | 39.8 | 20.2 | -- | 36.5 |

**Appendix H**

Reservoir Water Temperature Profiles, 2005-2009

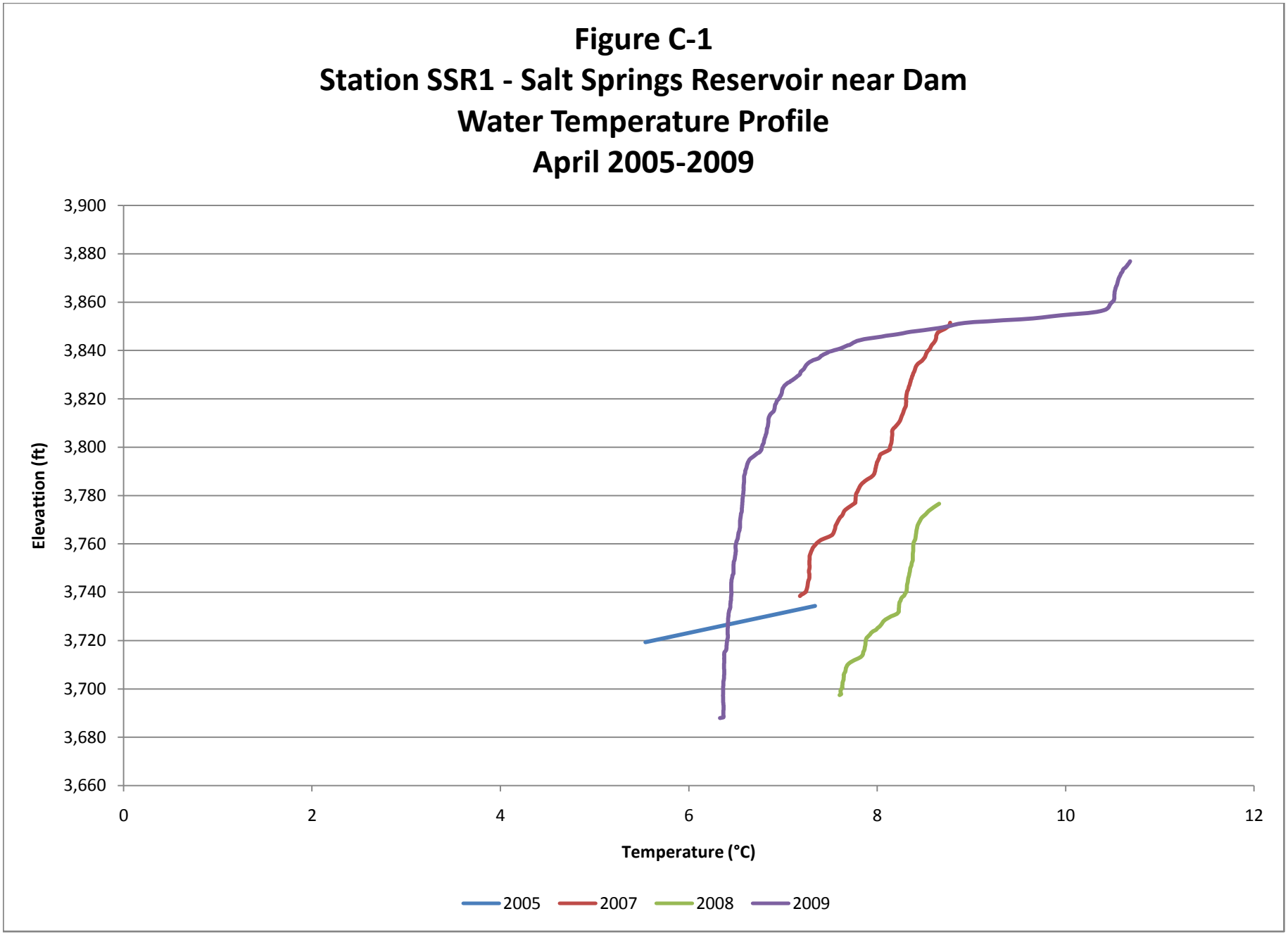


Figure C-1
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
April 2005-2009
Elevattion (ft)
3,900
3,880
3,860
3,840
3,820
3,800
3,780
3,760
3,740
3,720
3,700
3,680
3,660
0
2
4
6
8
10
12
Temperature (°C)
2005
2007
2008
2009

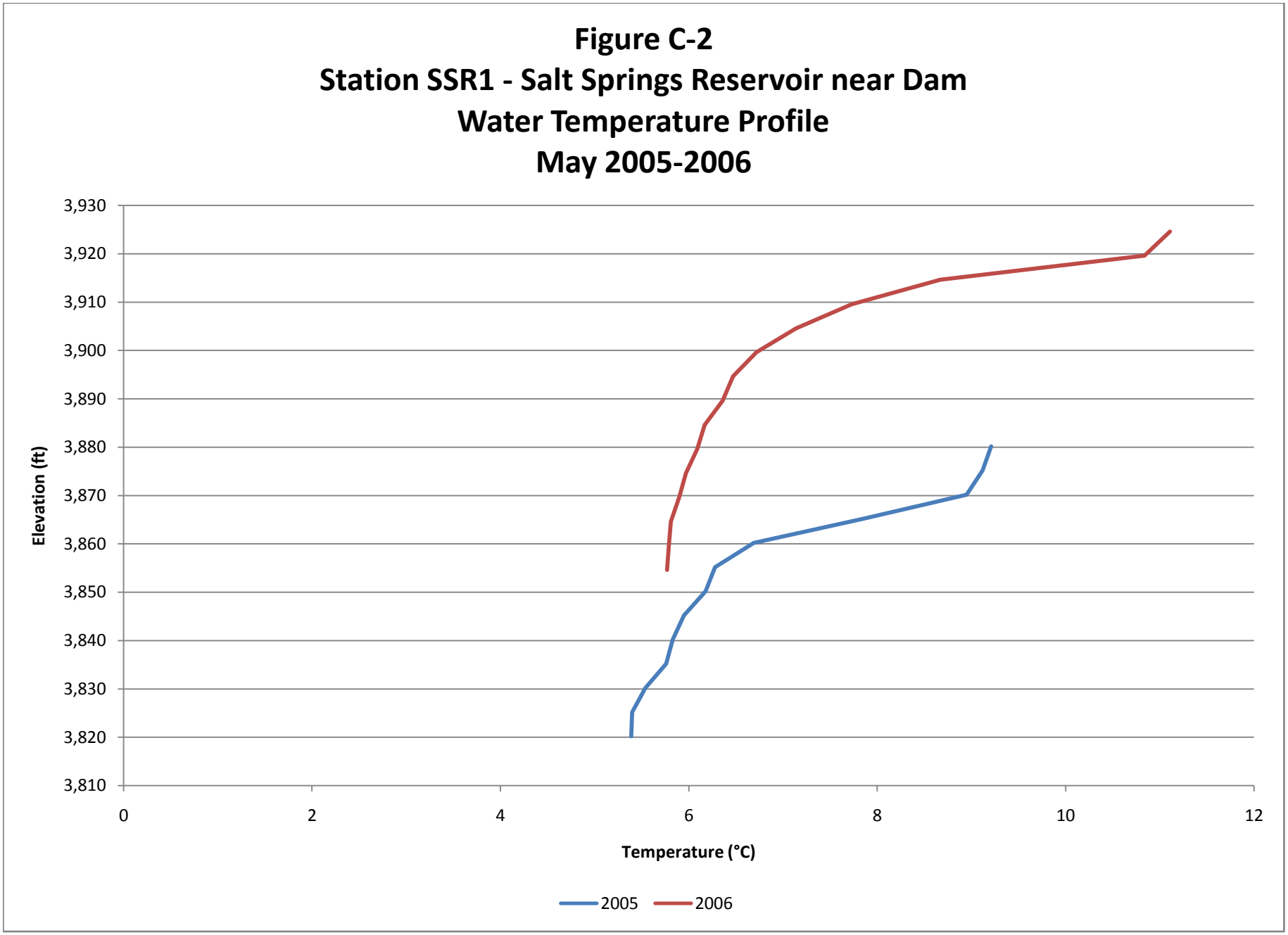


Figure C-2
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
May 2005-2006
Elevation (ft)
3,930
3,920
3,910
3,900
3,890
3,880
3,870
3,860
3,850
3,840
3,830
3,820
3,810
0
2
4
6
8
10
12
Temperature (°C)
2005
2006

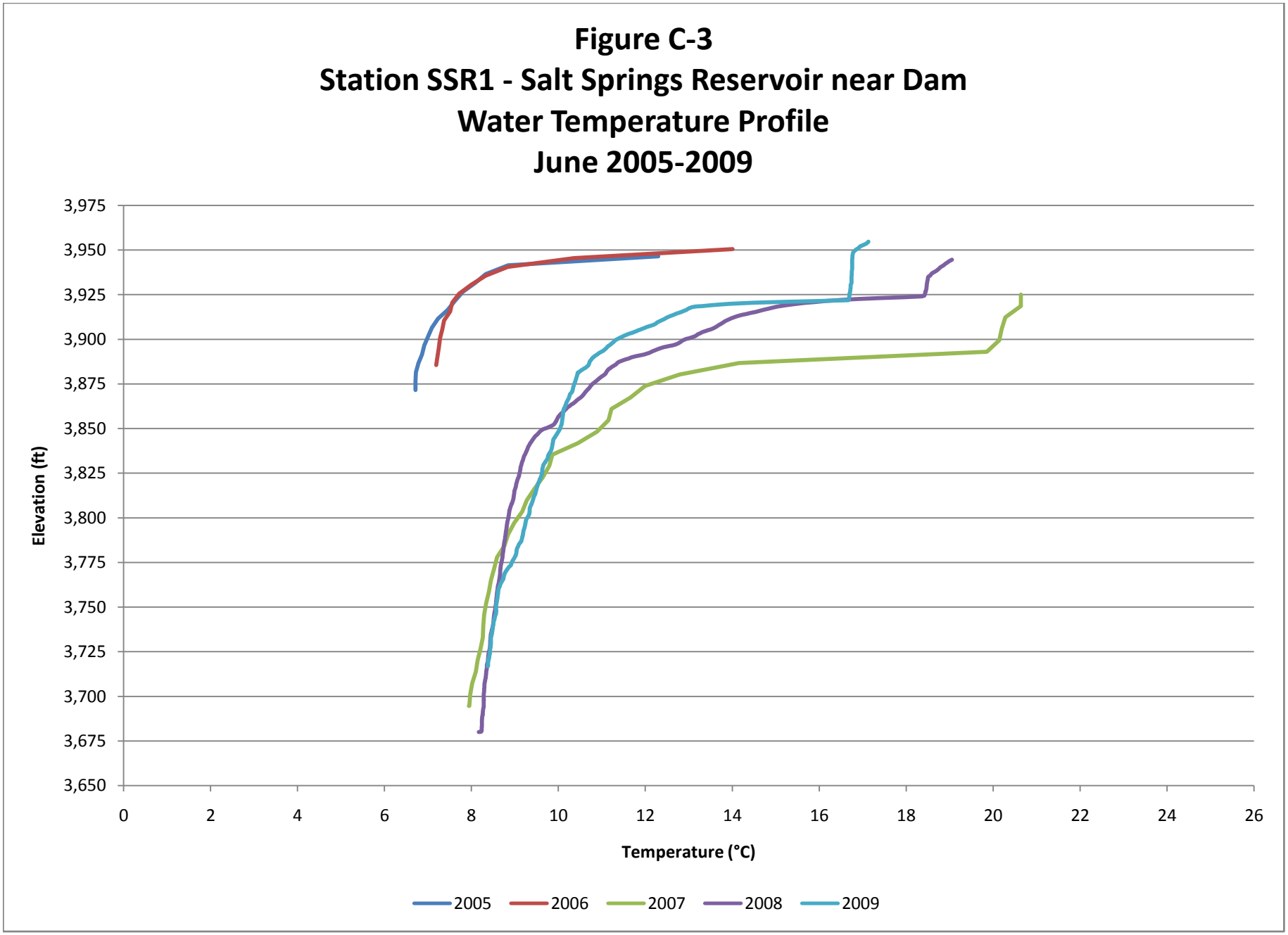


Figure C-3
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
June 2005-2009
Elevation (ft)
3,975
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
3,650
0
2
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24
26
Temperature (°C)
2005
2006
2007
2008
2009

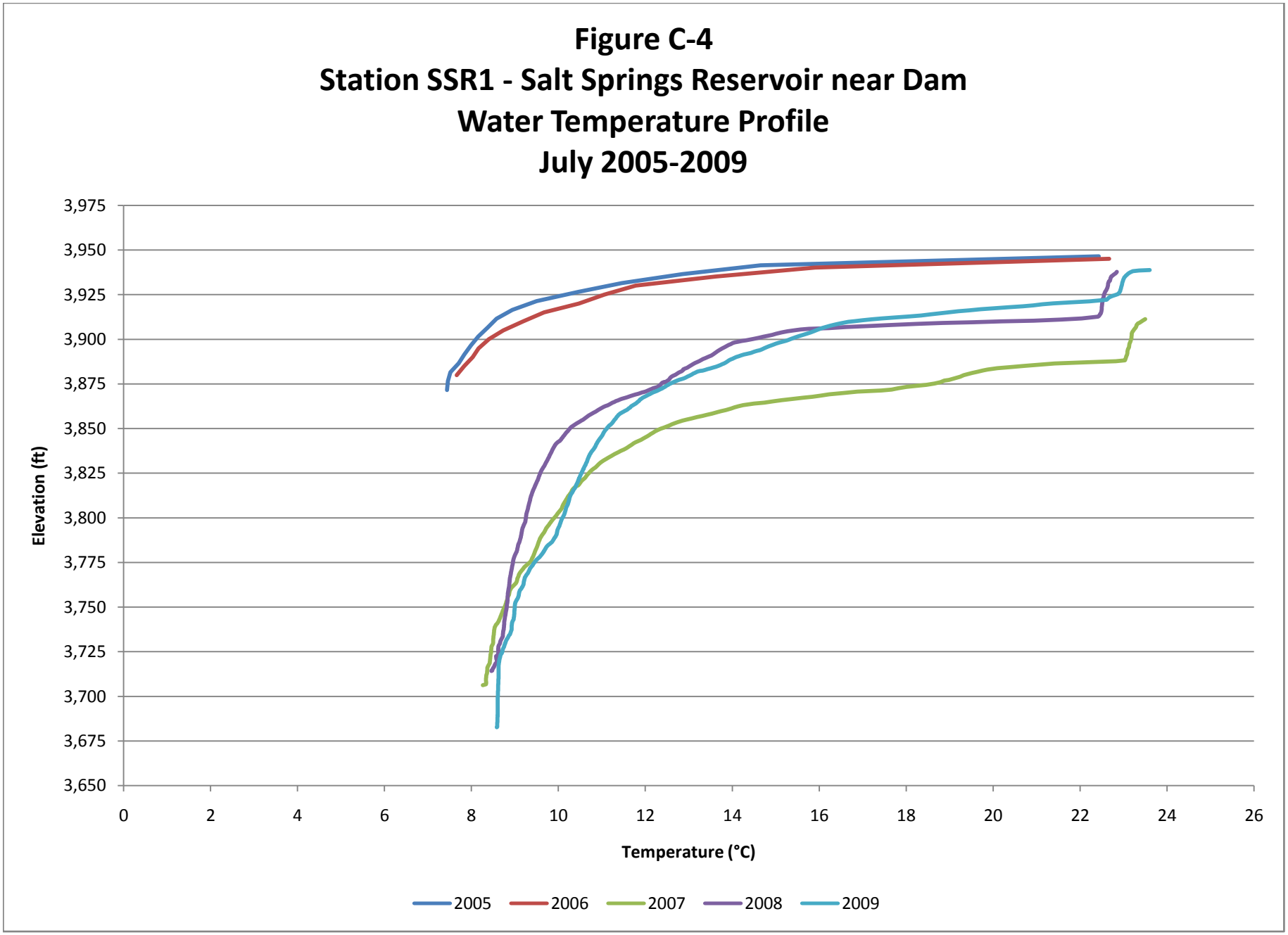
Figure C-4
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
July 2005-2009
Elevation (ft)
3,975
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
3,650
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

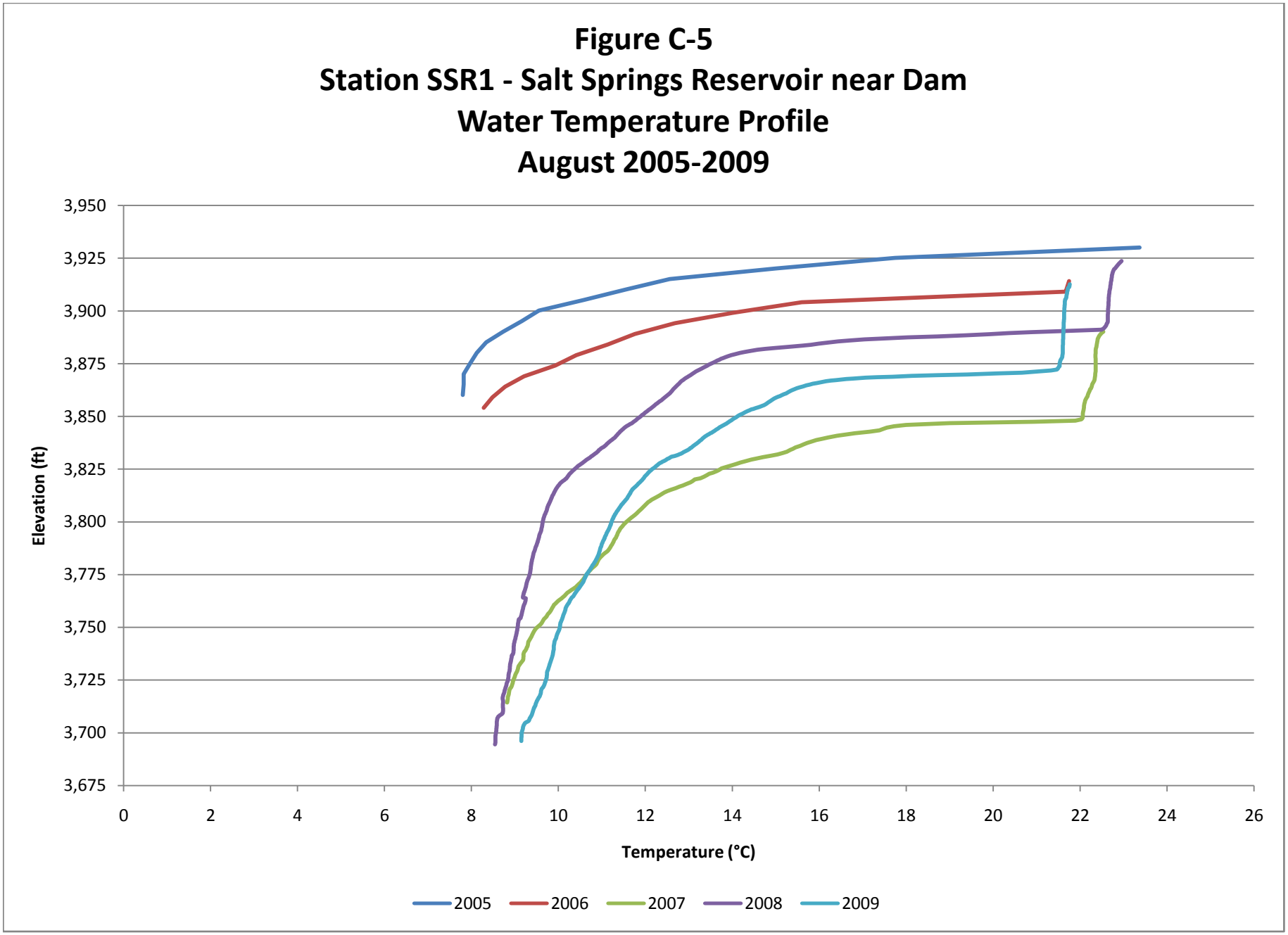
Figure C-5
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
August 2005-2009
Elevation (ft)
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

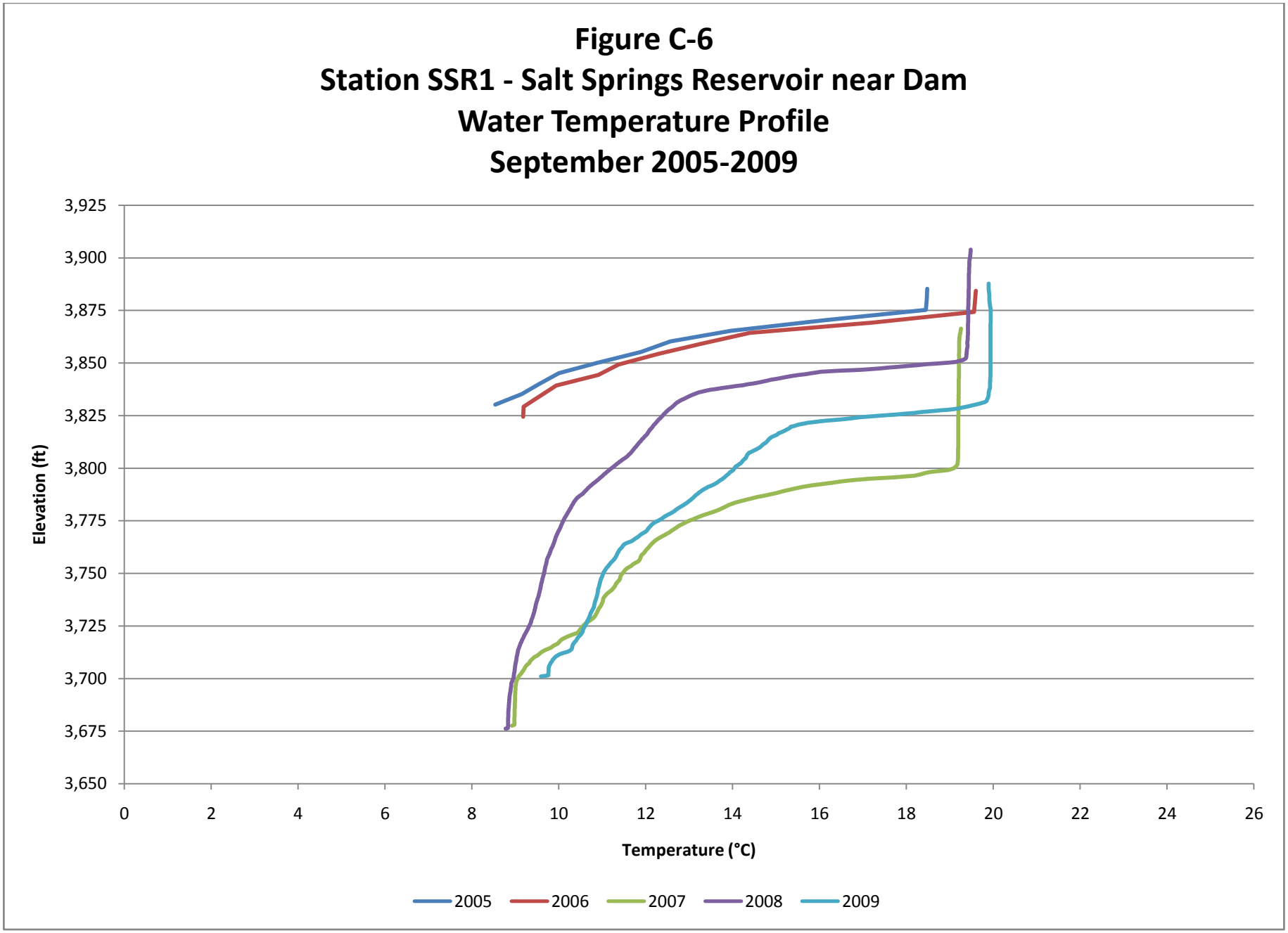
Figure C-6
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
September 2005-2009
Elevation (ft)
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
3,650
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

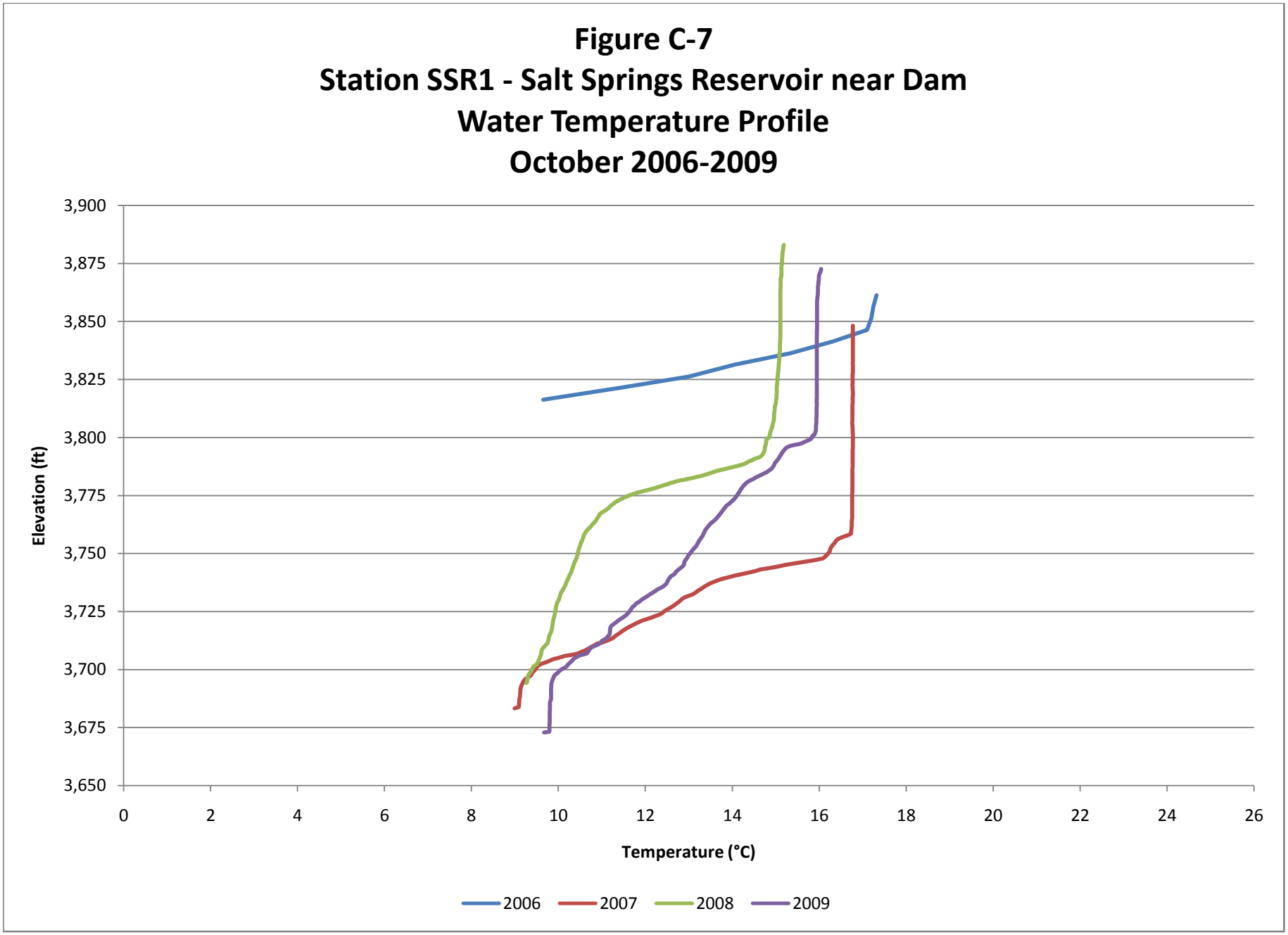
Figure C-7
Station SSR1 - Salt Springs Reservoir near Dam
Water Temperature Profile
October 2006-2009
Elevation (ft)
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
3,650
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2006
2007
2008
2009

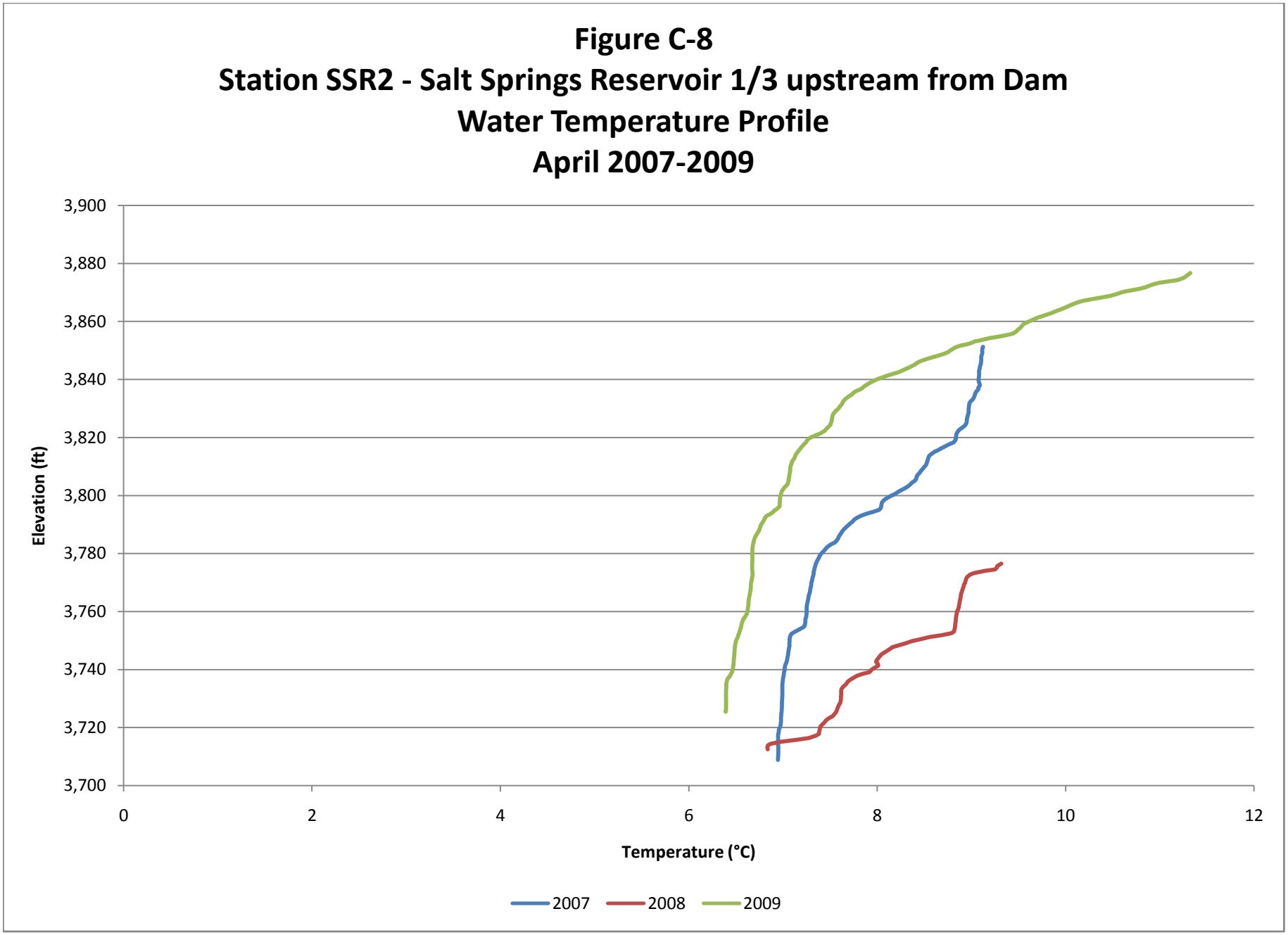
Figure C-8
Station SSR2 - Salt Springs Reservoir 1/3 upstream from Dam
Water Temperature Profile
April 2007-2009
Elevation (ft)
3,900
3,880
3,860
3,840
3,820
3,800
3,780
3,760
3,740
3,720
3,700
0
2
4
6
8
10
12
Temperature (°C)
2007
2008
2009

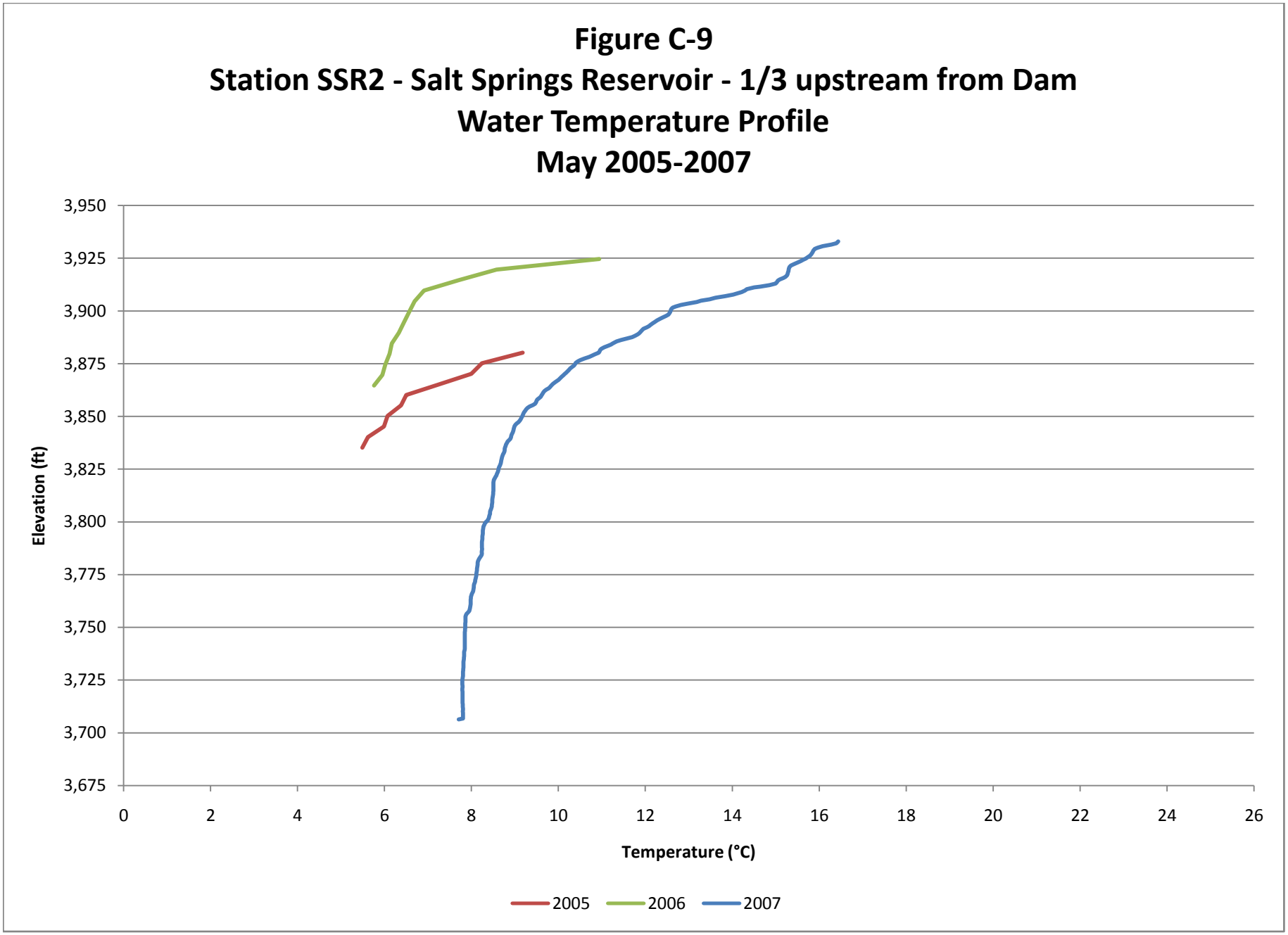
Figure C-9
Station SSR2 - Salt Springs Reservoir - 1/3 upstream from Dam
Water Temperature Profile
May 2005-2007
Elevation (ft)
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007

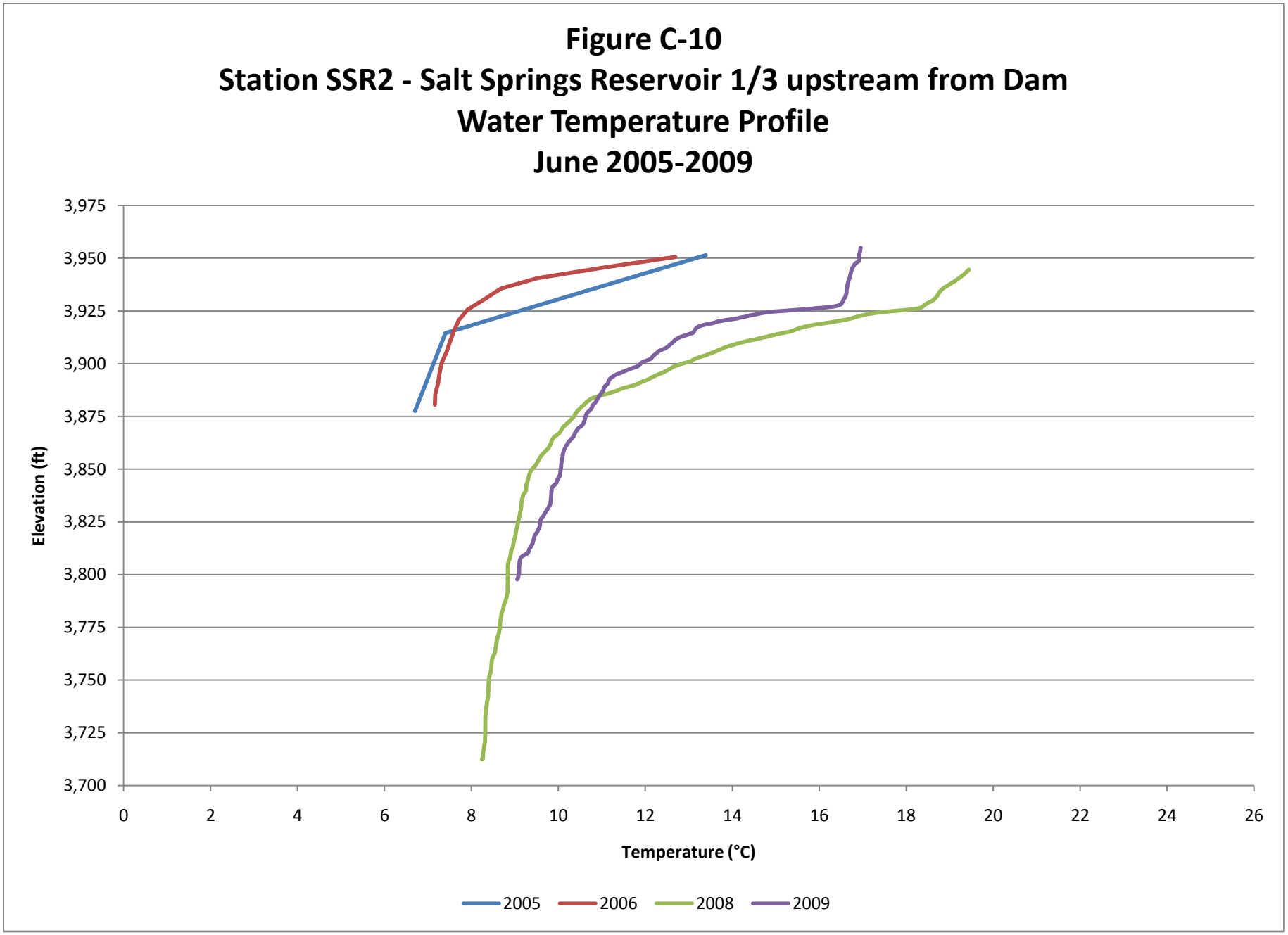
Figure C-10
Station SSR2 - Salt Springs Reservoir 1/3 upstream from Dam
Water Temperature Profile
June 2005-2009
Elevation (ft)
3,975
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2008
2009

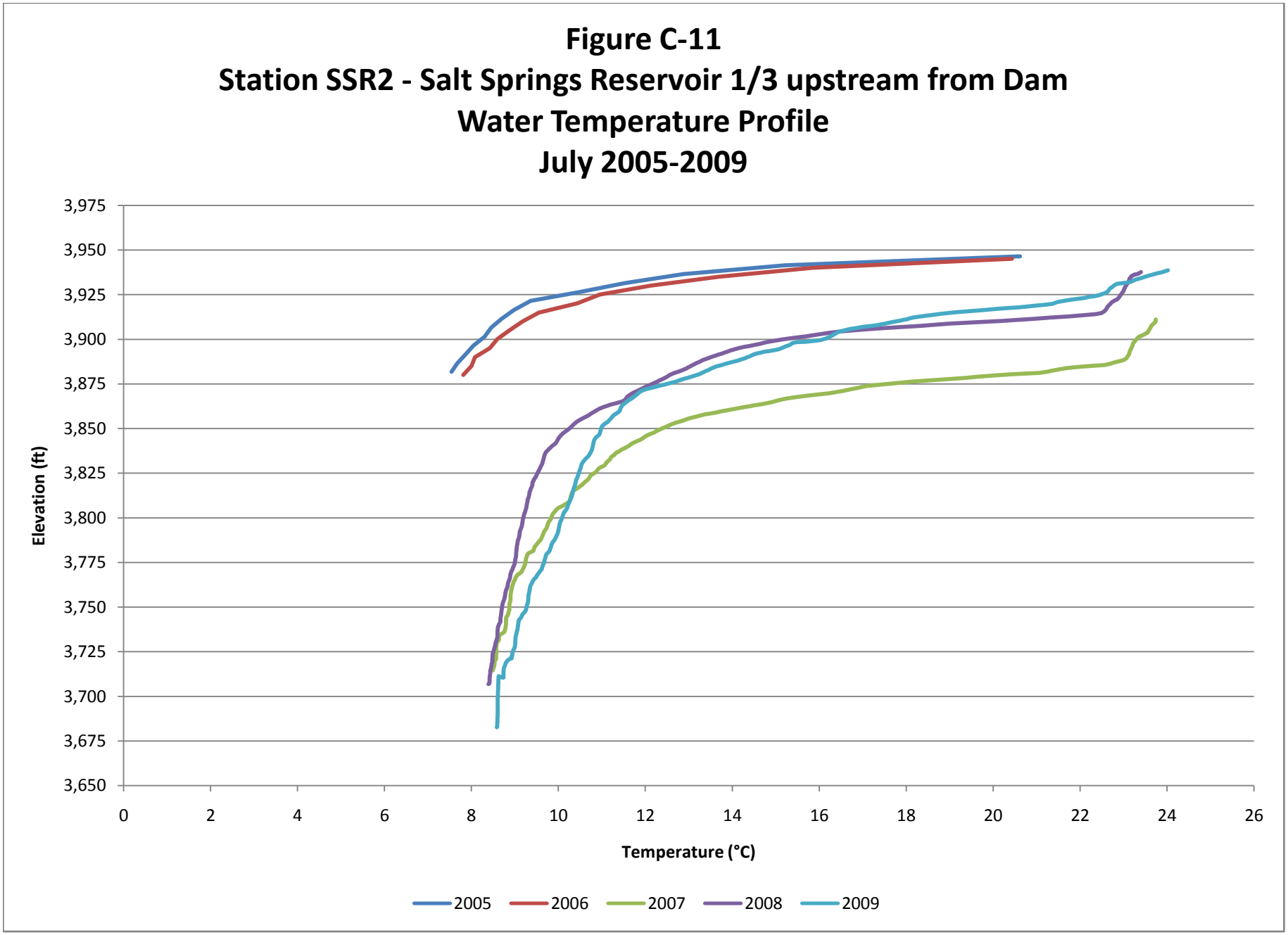
Figure C-11
Station SSR2 - Salt Springs Reservoir 1/3 upstream from Dam
Water Temperature Profile
July 2005-2009
Elevation (ft)
3,975
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
3,650
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

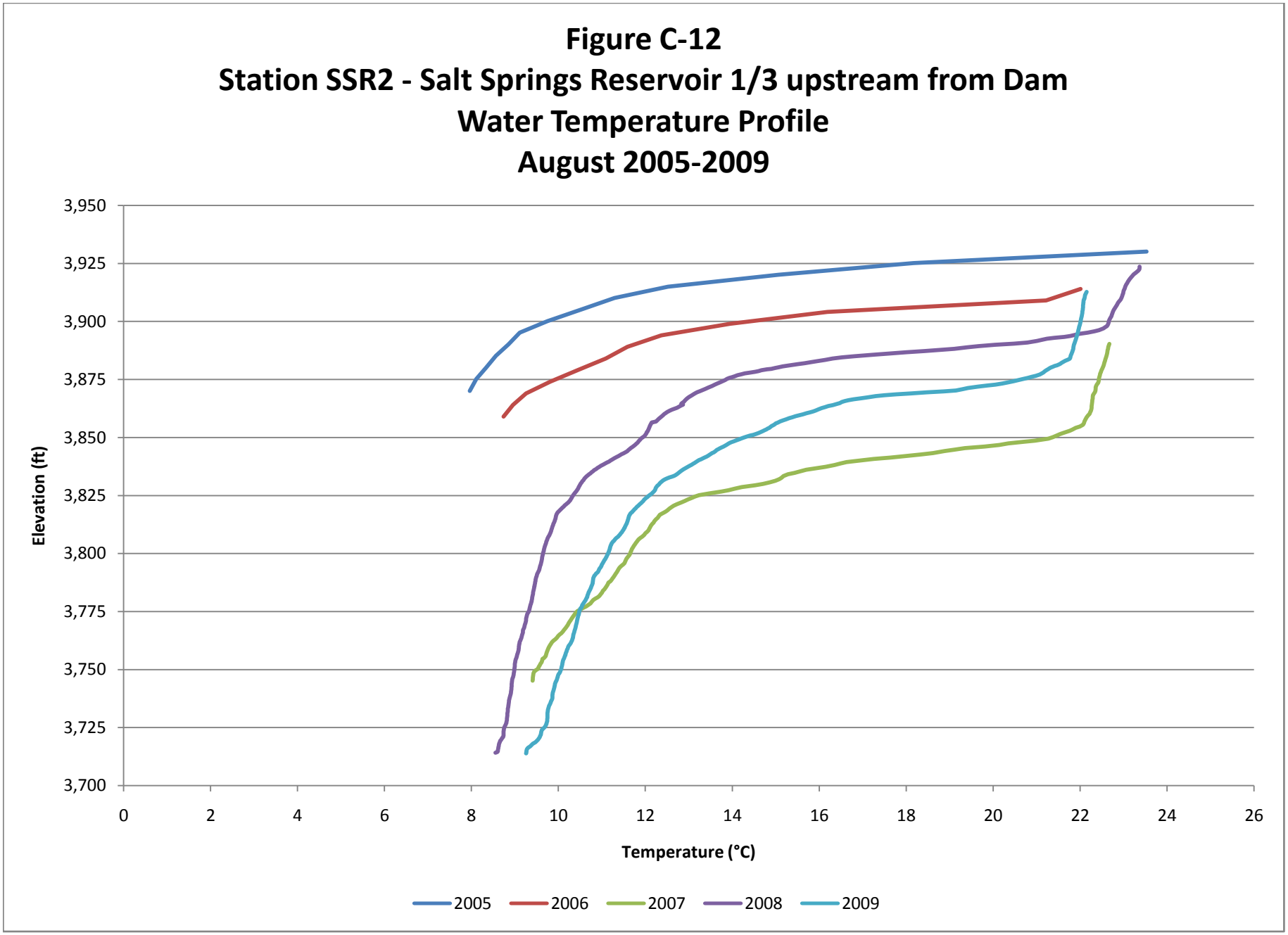
Figure C-12
Station SSR2 - Salt Springs Reservoir 1/3 upstream from Dam
Water Temperature Profile
August 2005-2009
Elevation (ft)
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

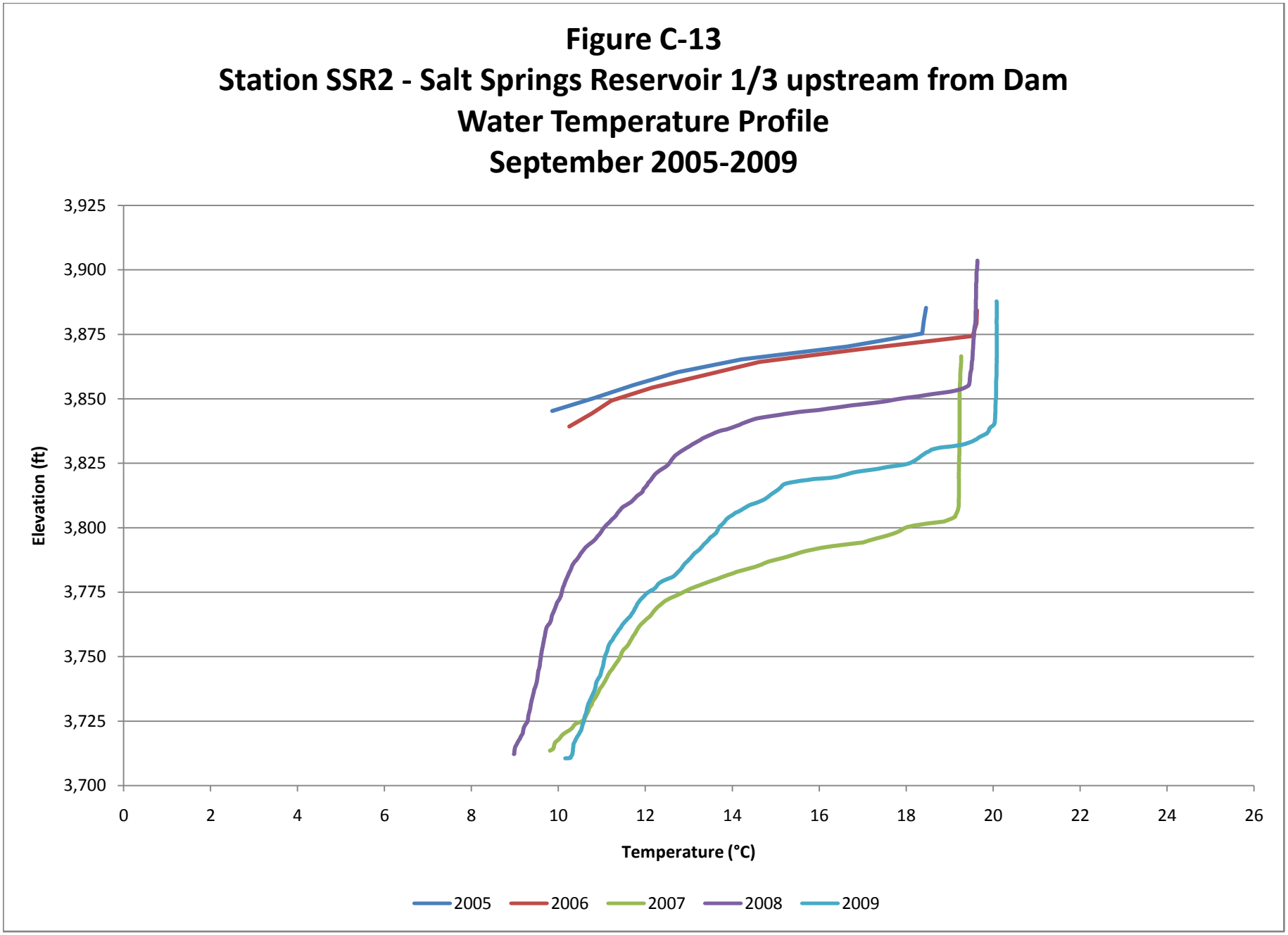
Figure C-13
Station SSR2 - Salt Springs Reservoir 1/3 upstream from Dam
Water Temperature Profile
September 2005-2009
Elevation (ft)
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

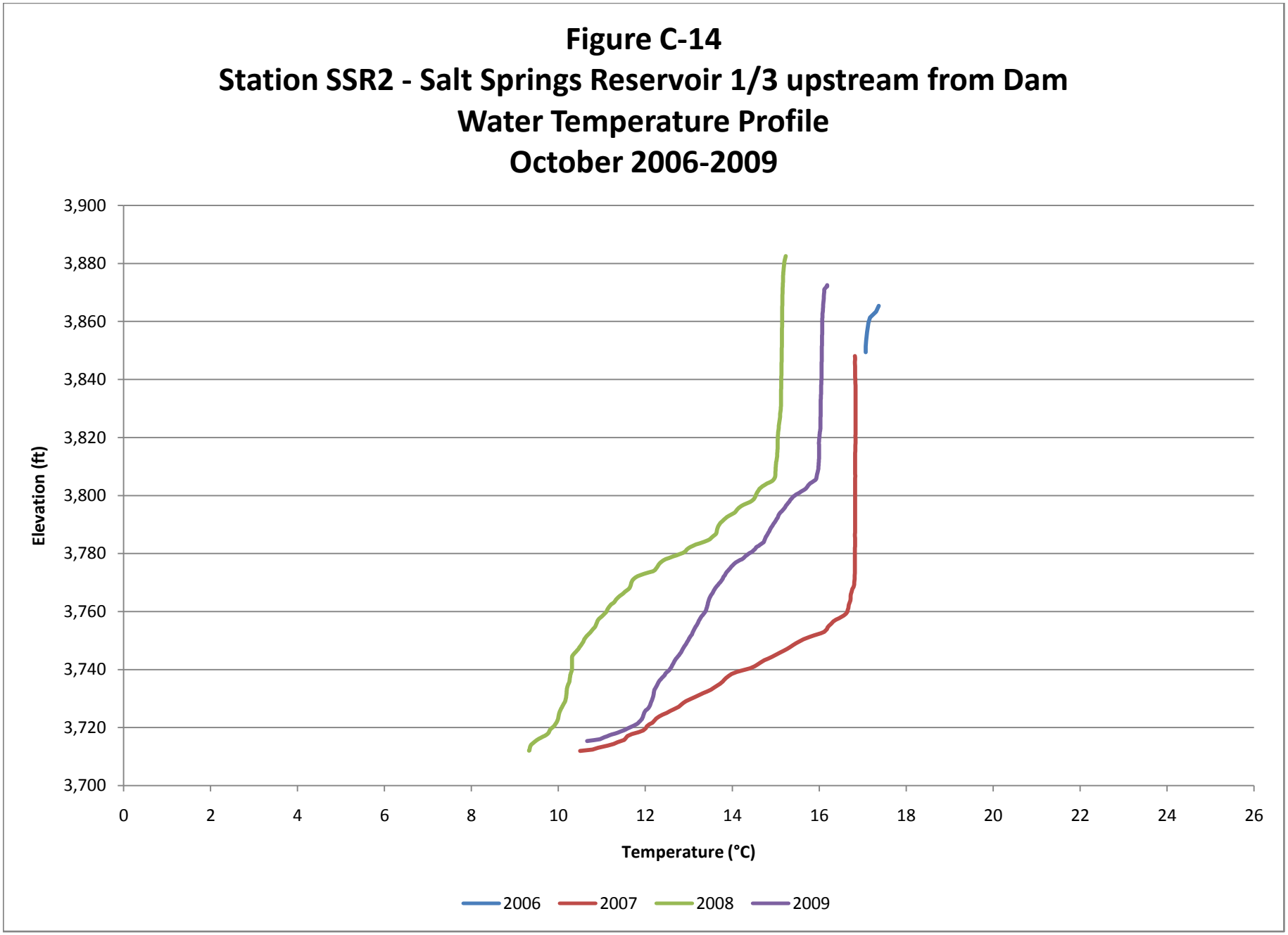
Figure C-14
Station SSR2 - Salt Springs Reservoir 1/3 upstream from Dam
Water Temperature Profile
October 2006-2009
Elevation (ft)
3,900
3,880
3,860
3,840
3,820
3,800
3,780
3,760
3,740
3,720
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2006
2007
2008
2009

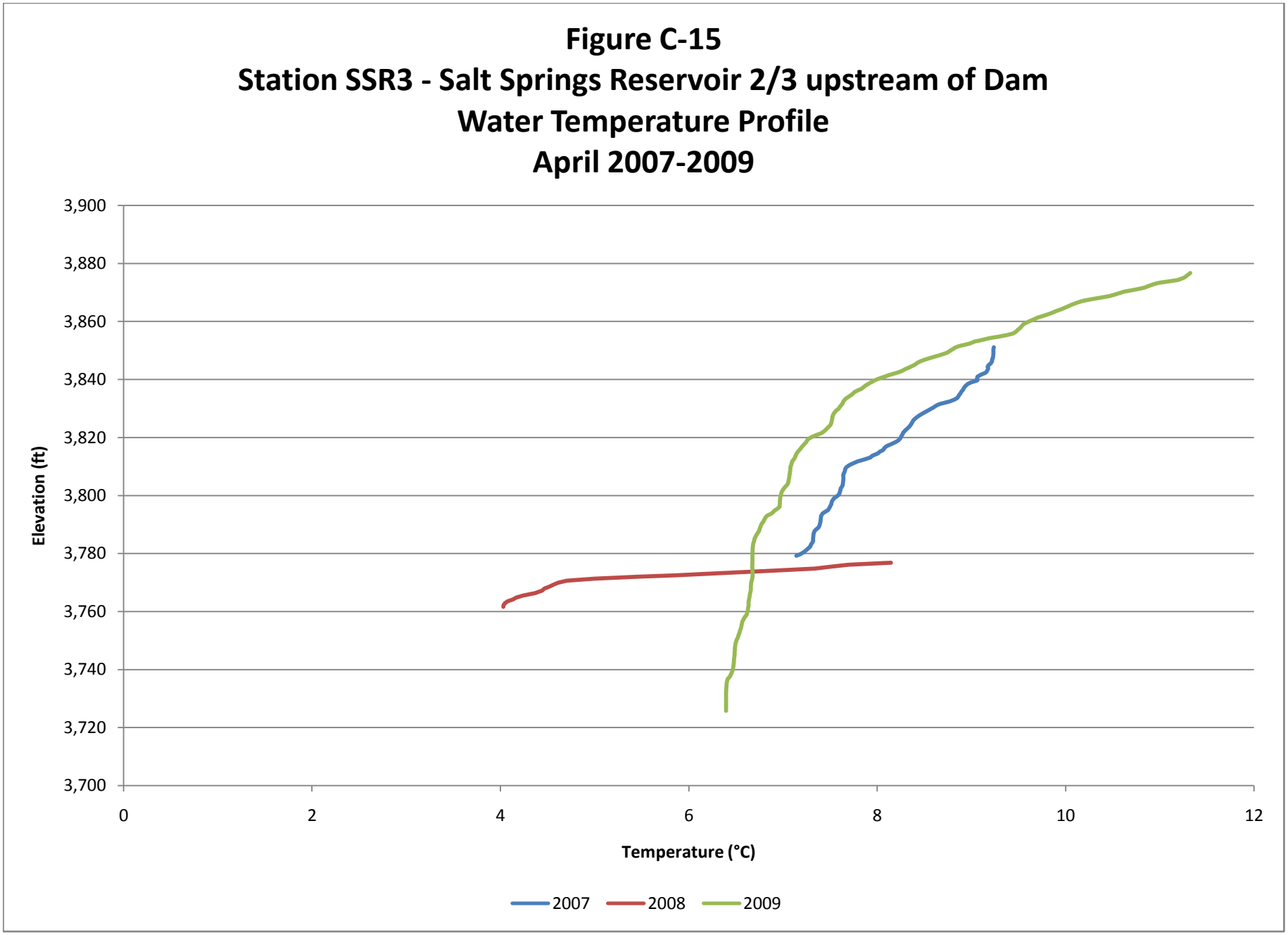
Figure C-15
Station SSR3 - Salt Springs Reservoir 2/3 upstream of Dam
Water Temperature Profile
April 2007-2009
Elevation (ft)
3,900
3,880
3,860
3,840
3,820
3,800
3,780
3,760
3,740
3,720
3,700
0
2
4
6
8
10
12
Temperature (°C)
2007
2008
2009

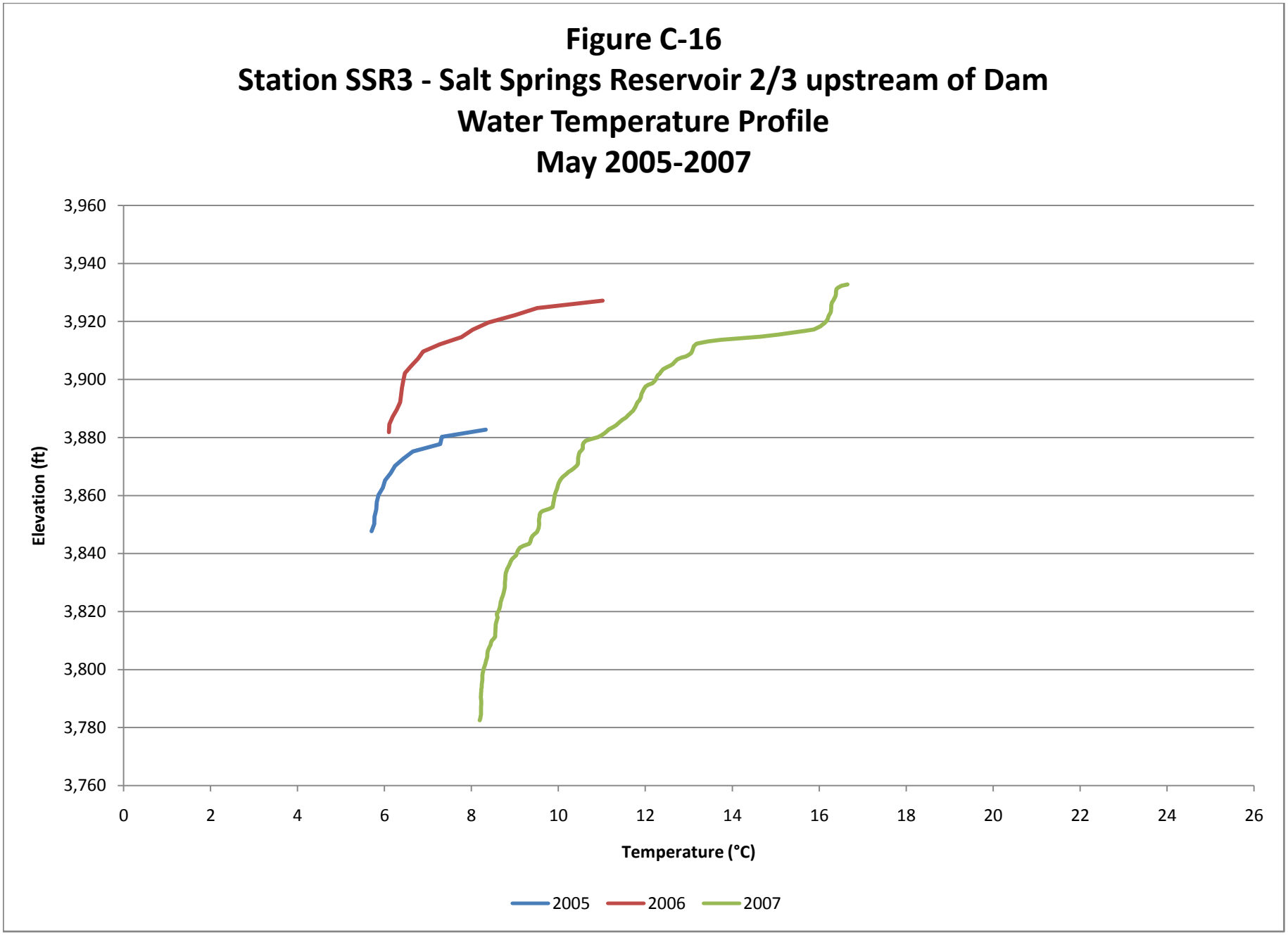
Figure C-16
Station SSR3 - Salt Springs Reservoir 2/3 upstream of Dam
Water Temperature Profile
May 2005-2007
Elevation (ft)
3,960
3,940
3,920
3,900
3,880
3,860
3,840
3,820
3,800
3,780
3,760
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007

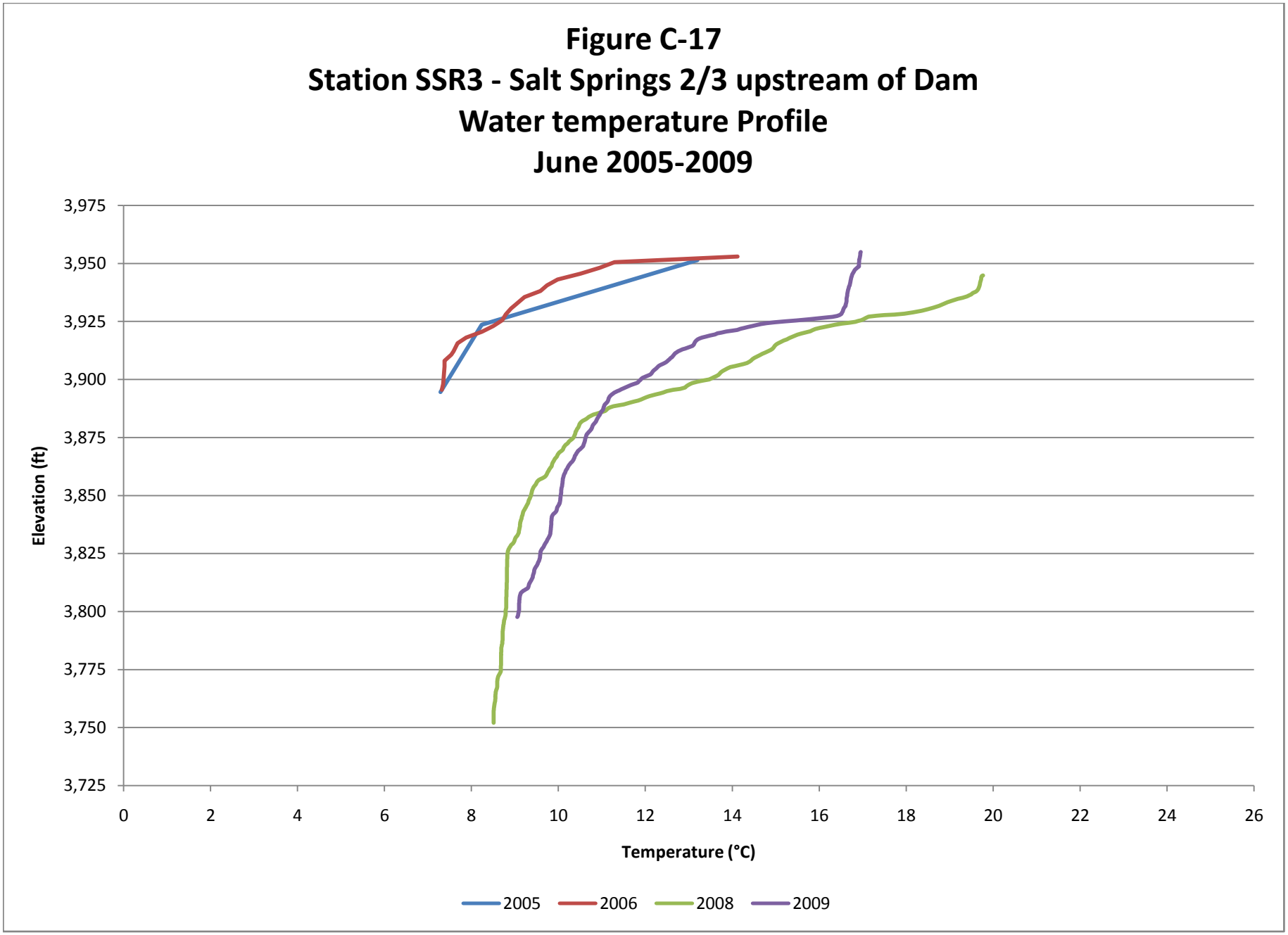
Figure C-17
Station SSR3 - Salt Springs 2/3 upstream of Dam
Water temperature Profile
June 2005-2009
Elevation (ft)
3,975
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2008
2009

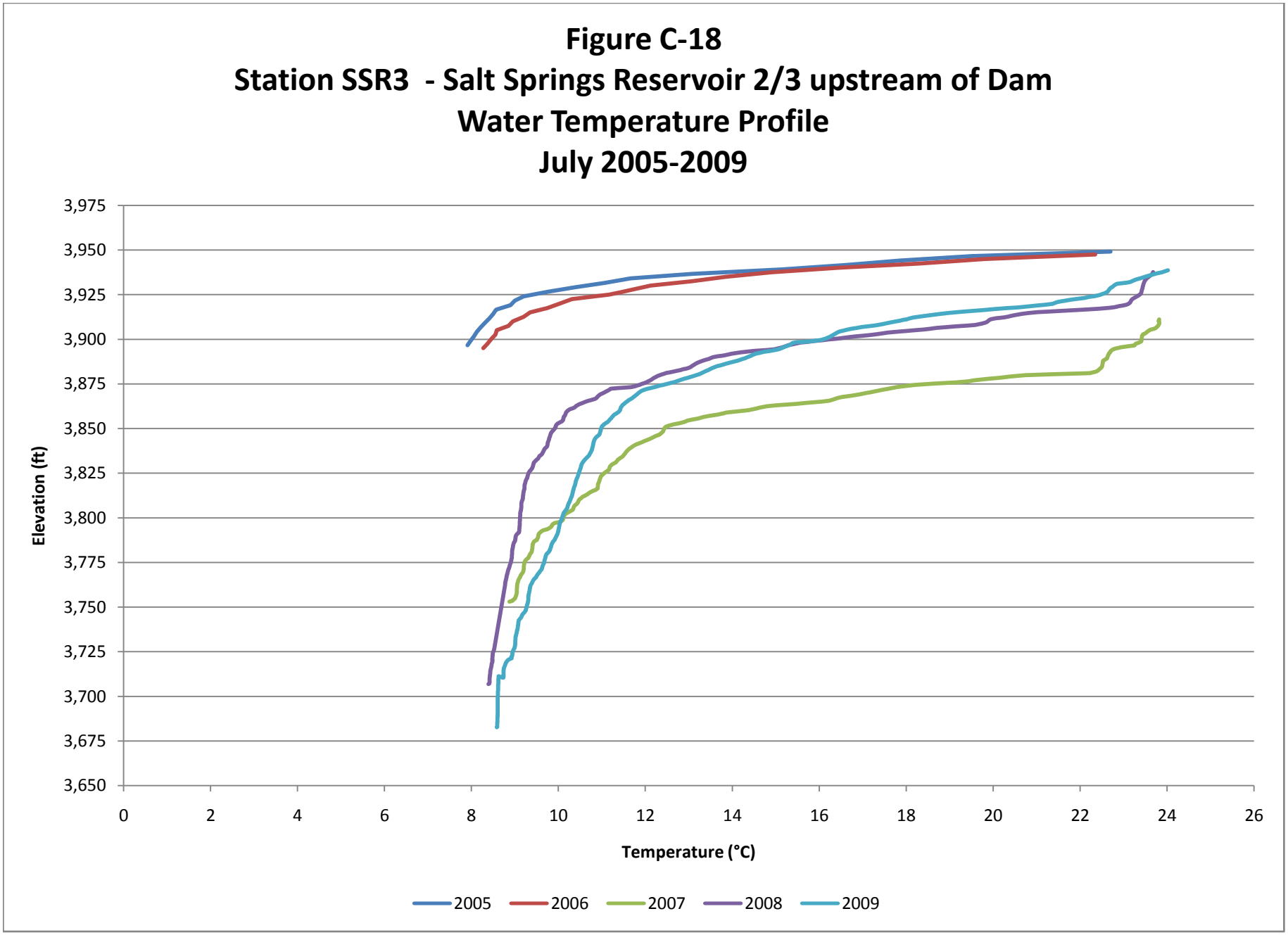
Figure C-18
Station SSR3 - Salt Springs Reservoir 2/3 upstream of Dam
Water Temperature Profile
July 2005-2009
Elevation (ft)
3,975
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
3,675
3,650
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

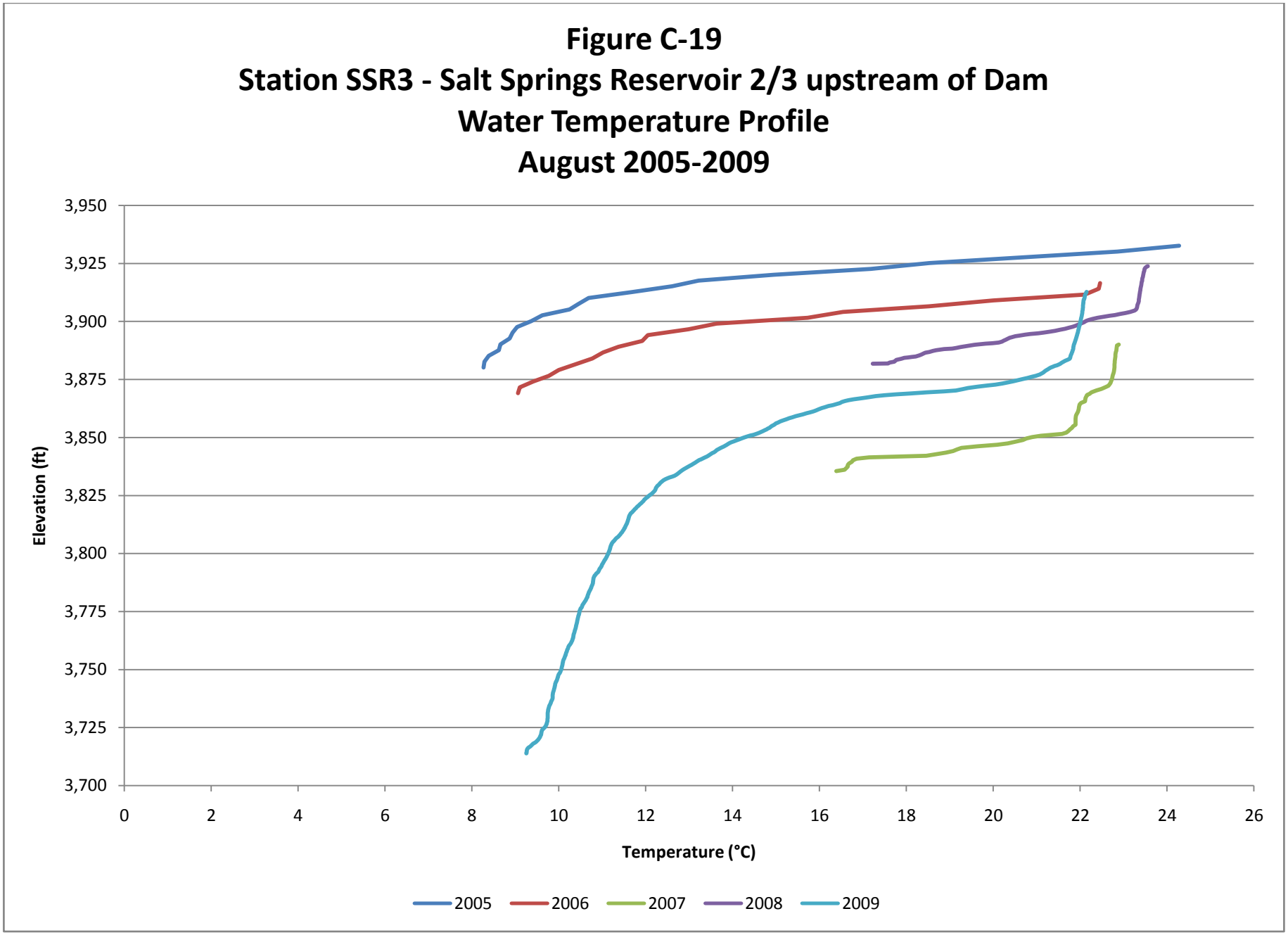
Figure C-19
Station SSR3 - Salt Springs Reservoir 2/3 upstream of Dam
Water Temperature Profile
August 2005-2009
Elevation (ft)
3,950
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

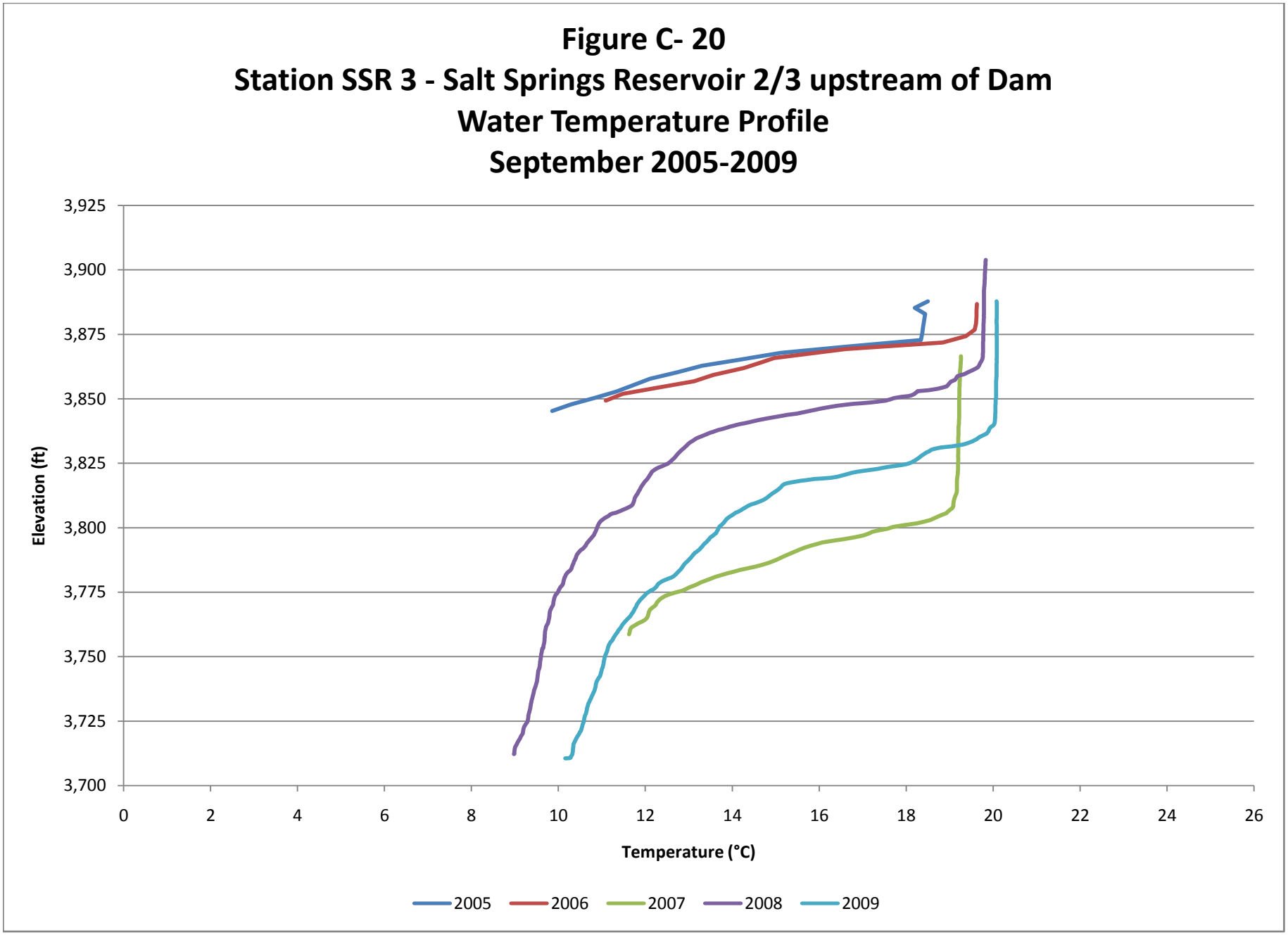
Figure C- 20
Station SSR 3 - Salt Springs Reservoir 2/3 upstream of Dam
Water Temperature Profile
September 2005-2009
Elevation (ft)
3,925
3,900
3,875
3,850
3,825
3,800
3,775
3,750
3,725
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

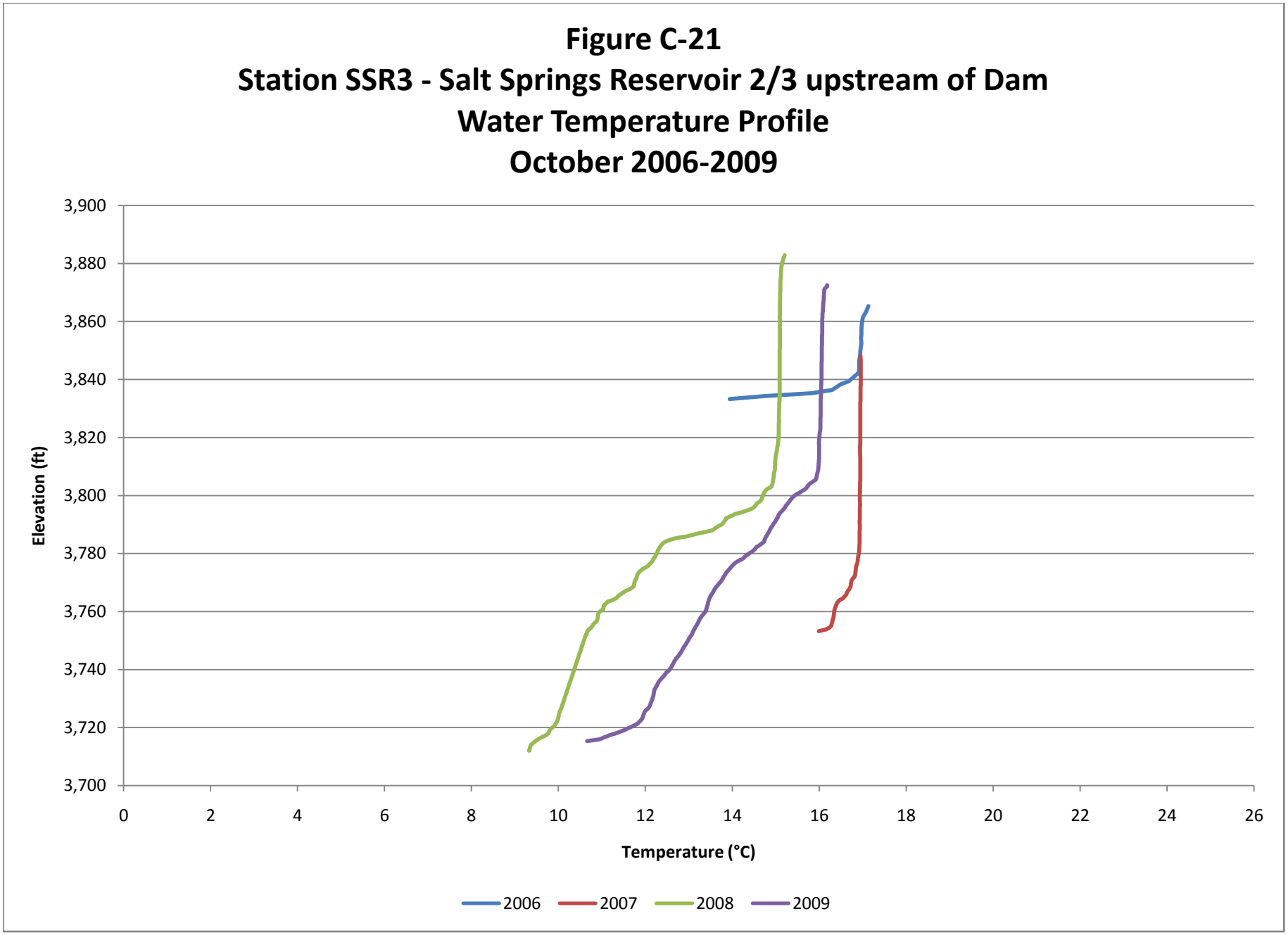
Figure C-21
Station SSR3 - Salt Springs Reservoir 2/3 upstream of Dam
Water Temperature Profile
October 2006-2009
Elevation (ft)
3,900
3,880
3,860
3,840
3,820
3,800
3,780
3,760
3,740
3,720
3,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2006
2007
2008
2009

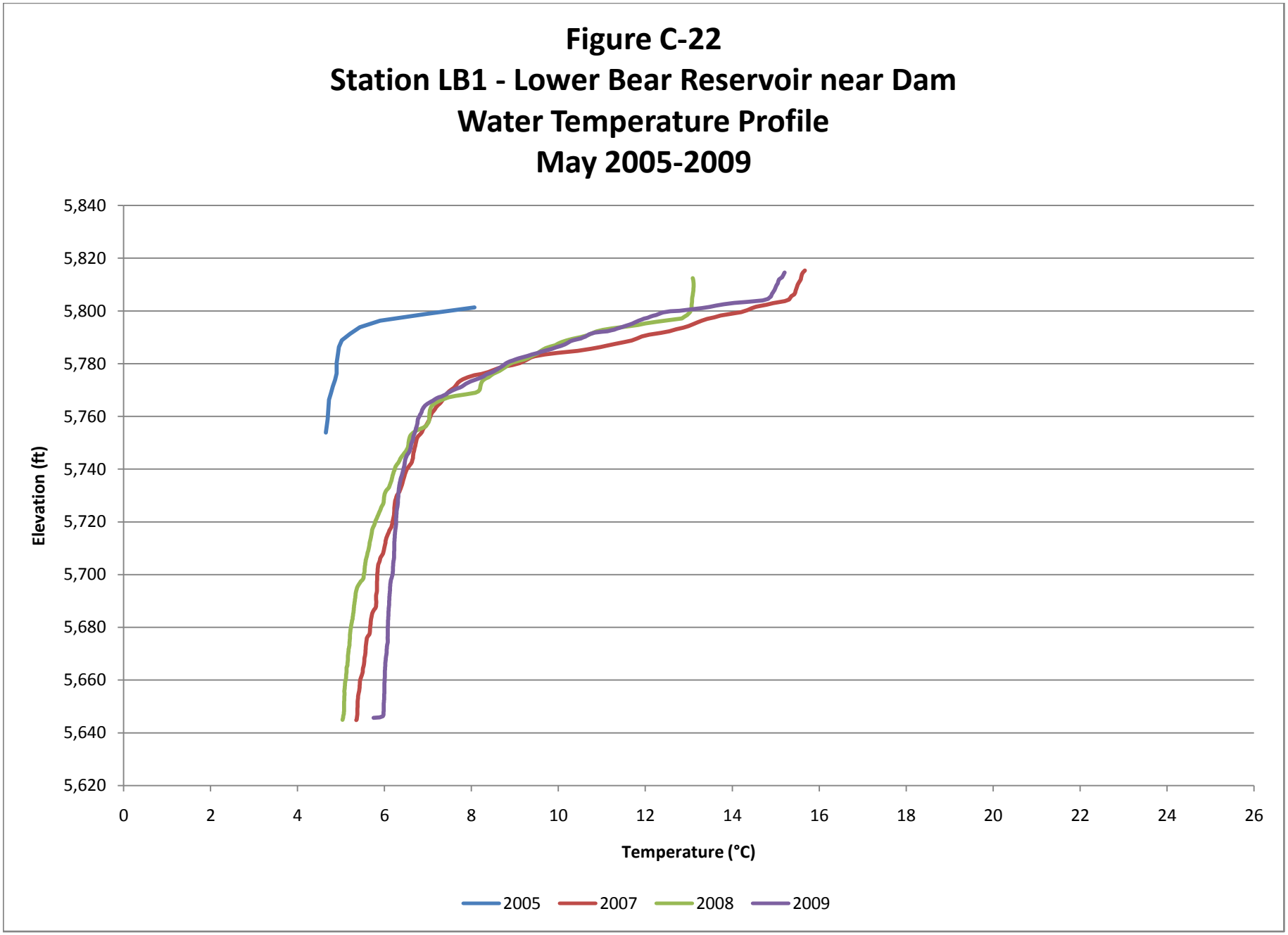
Figure C-22
Station LB1 - Lower Bear Reservoir near Dam
Water Temperature Profile
May 2005-2009
Elevation (ft)
5,840
5,820
5,800
5,780
5,760
5,740
5,720
5,700
5,680
5,660
5,640
5,620
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2007
2008
2009

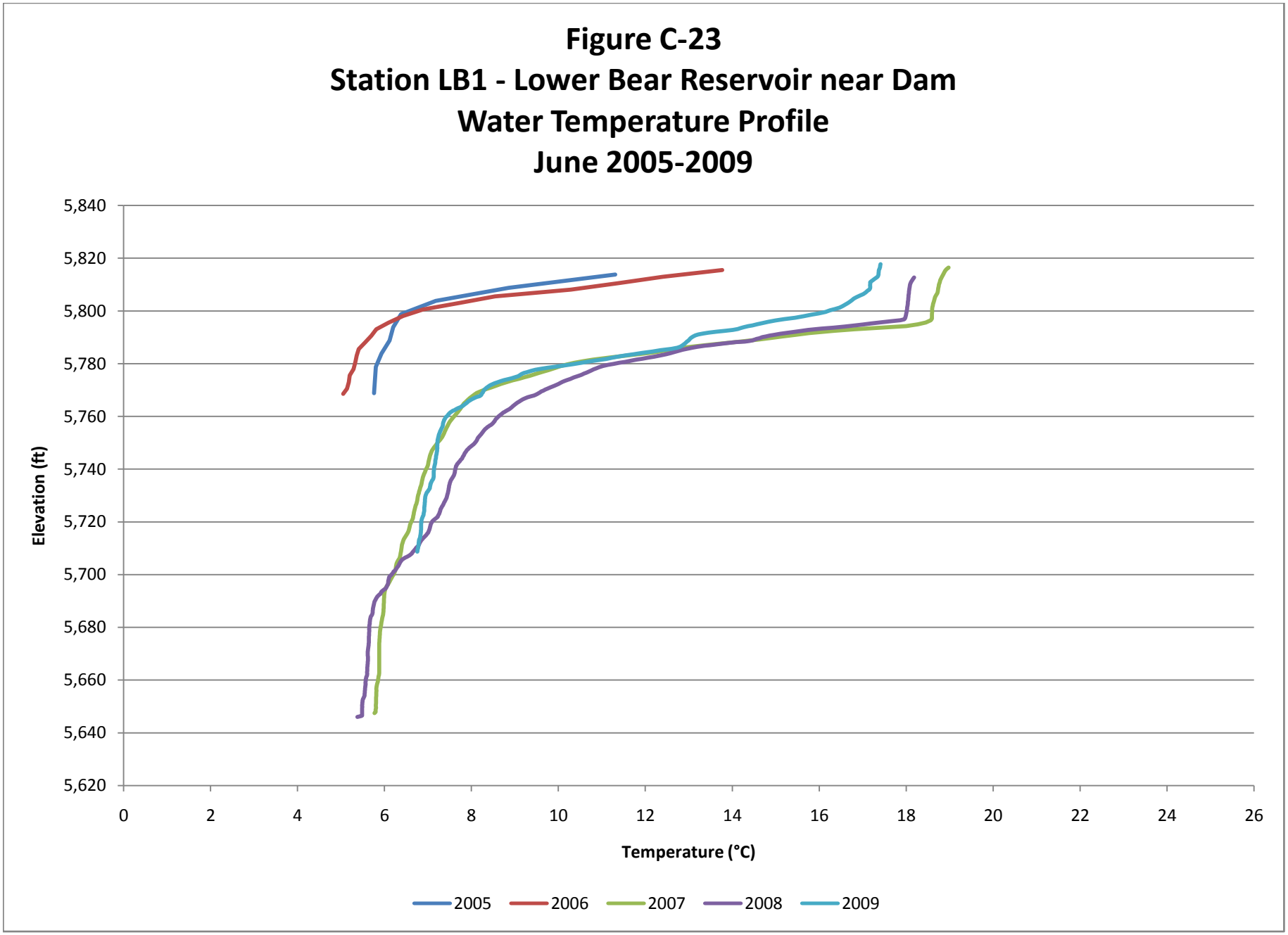
Figure C-23
Station LB1 - Lower Bear Reservoir near Dam
Water Temperature Profile
June 2005-2009
Elevation (ft)
5,840
5,820
5,800
5,780
5,760
5,740
5,720
5,700
5,680
5,660
5,640
5,620
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

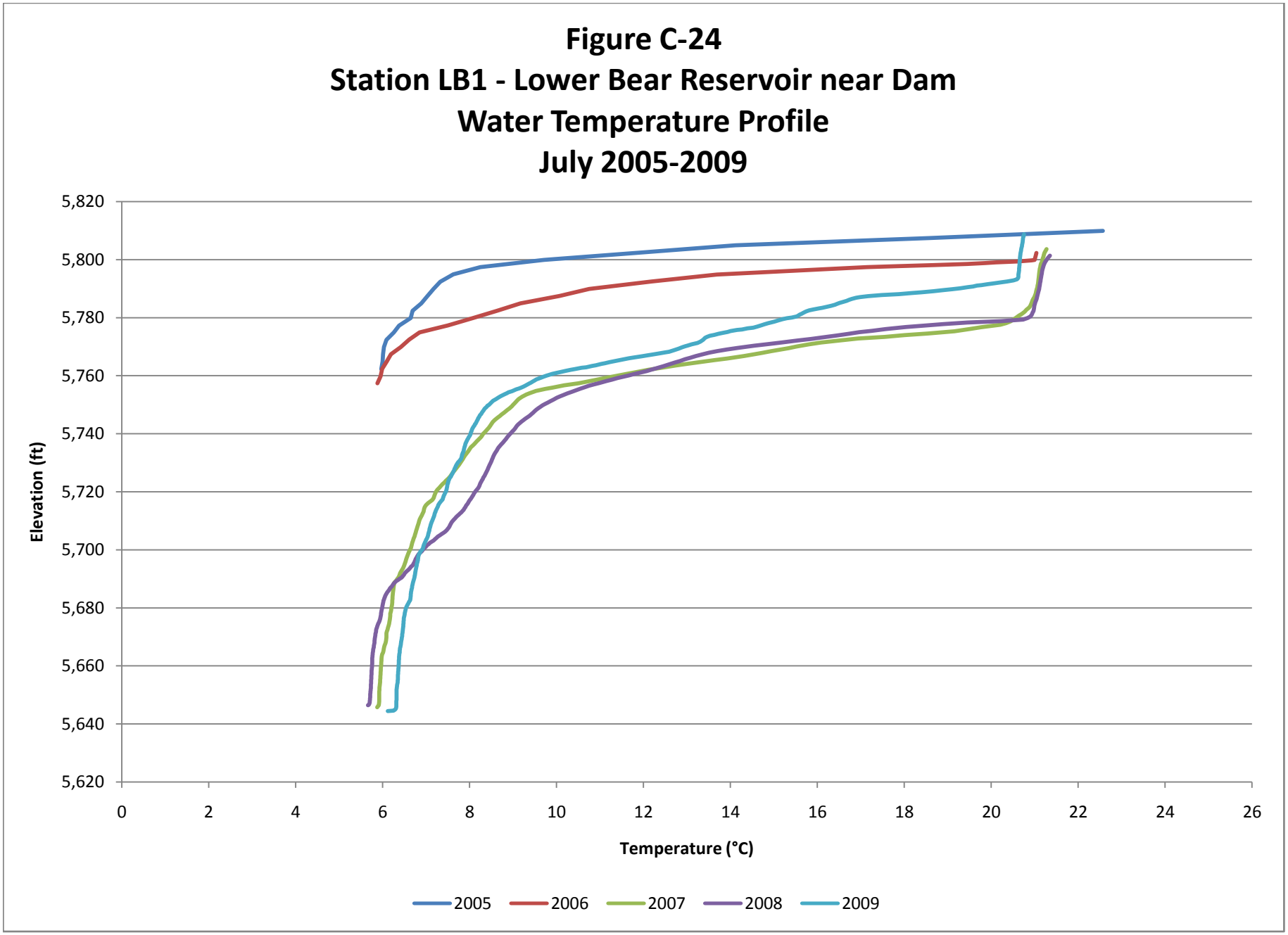
Figure C-24
Station LB1 - Lower Bear Reservoir near Dam
Water Temperature Profile
July 2005-2009
Elevation (ft)
5,820
5,800
5,780
5,760
5,740
5,720
5,700
5,680
5,660
5,640
5,620
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

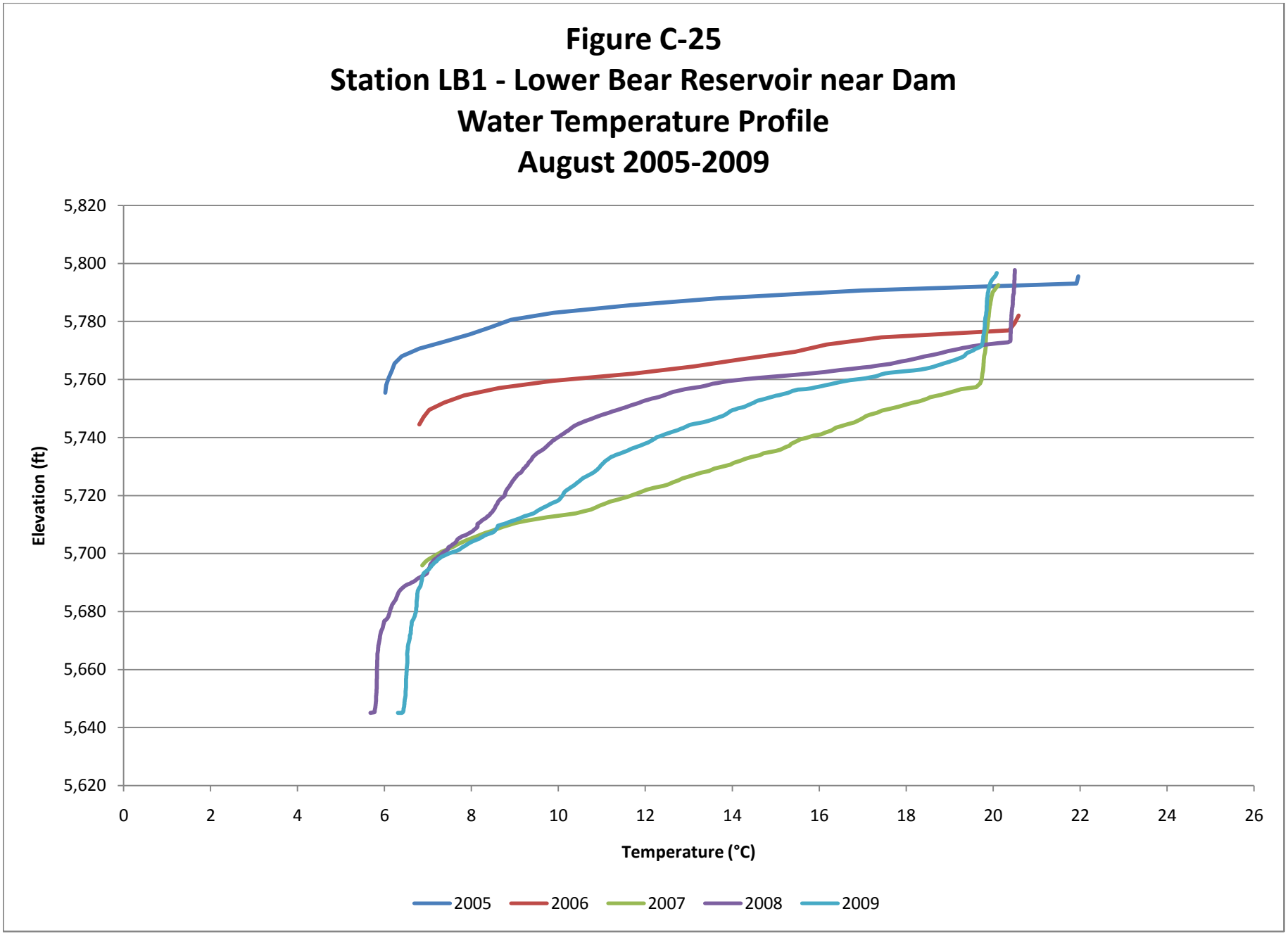
Figure C-25
Station LB1 - Lower Bear Reservoir near Dam
Water Temperature Profile
August 2005-2009
Elevation (ft)
5,820
5,800
5,780
5,760
5,740
5,720
5,700
5,680
5,660
5,640
5,620
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

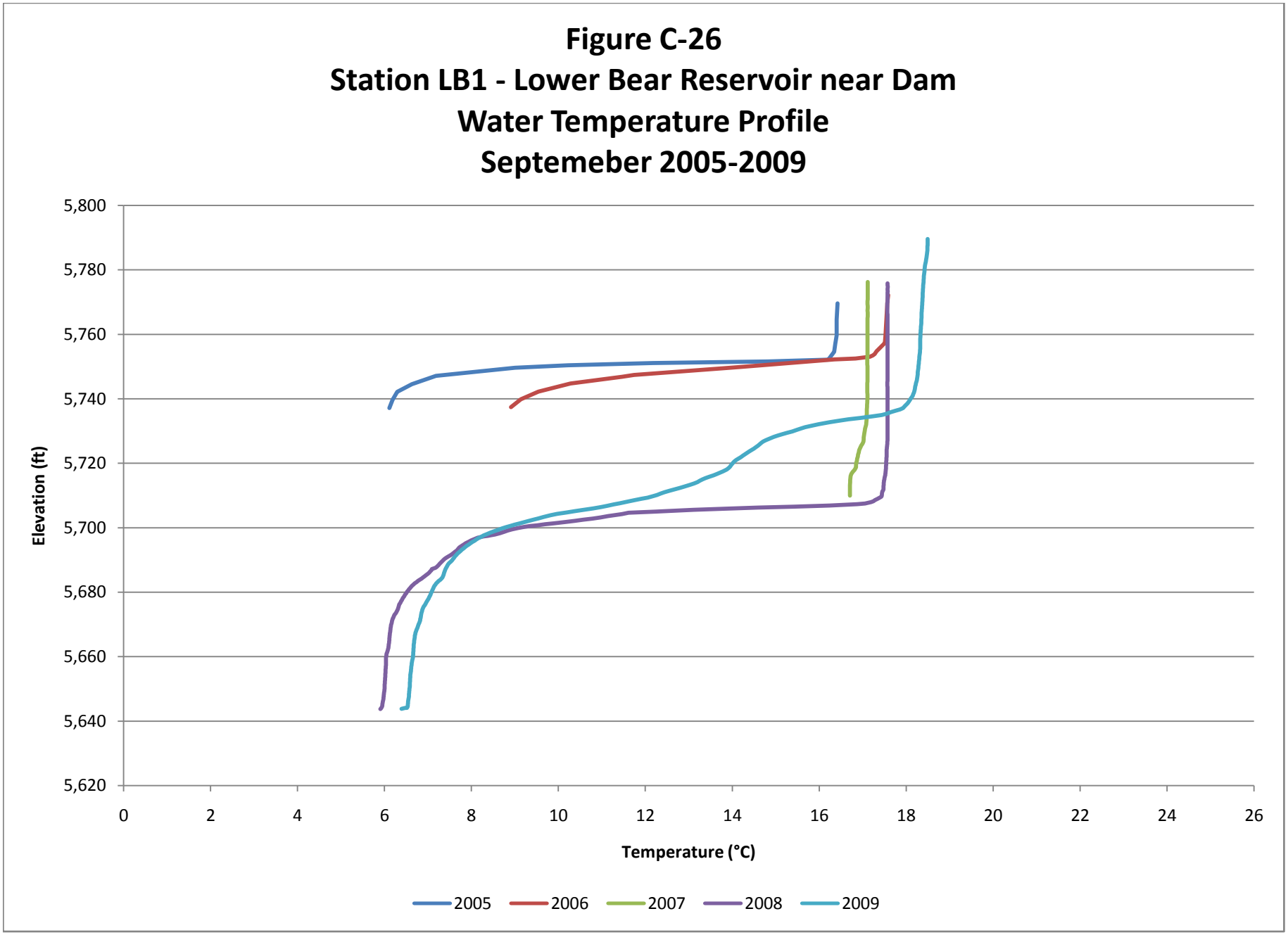
Figure C-26
Station LB1 - Lower Bear Reservoir near Dam
Water Temperature Profile
Septemeber 2005-2009
Elevation (ft)
5,800
5,780
5,760
5,740
5,720
5,700
5,680
5,660
5,640
5,620
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

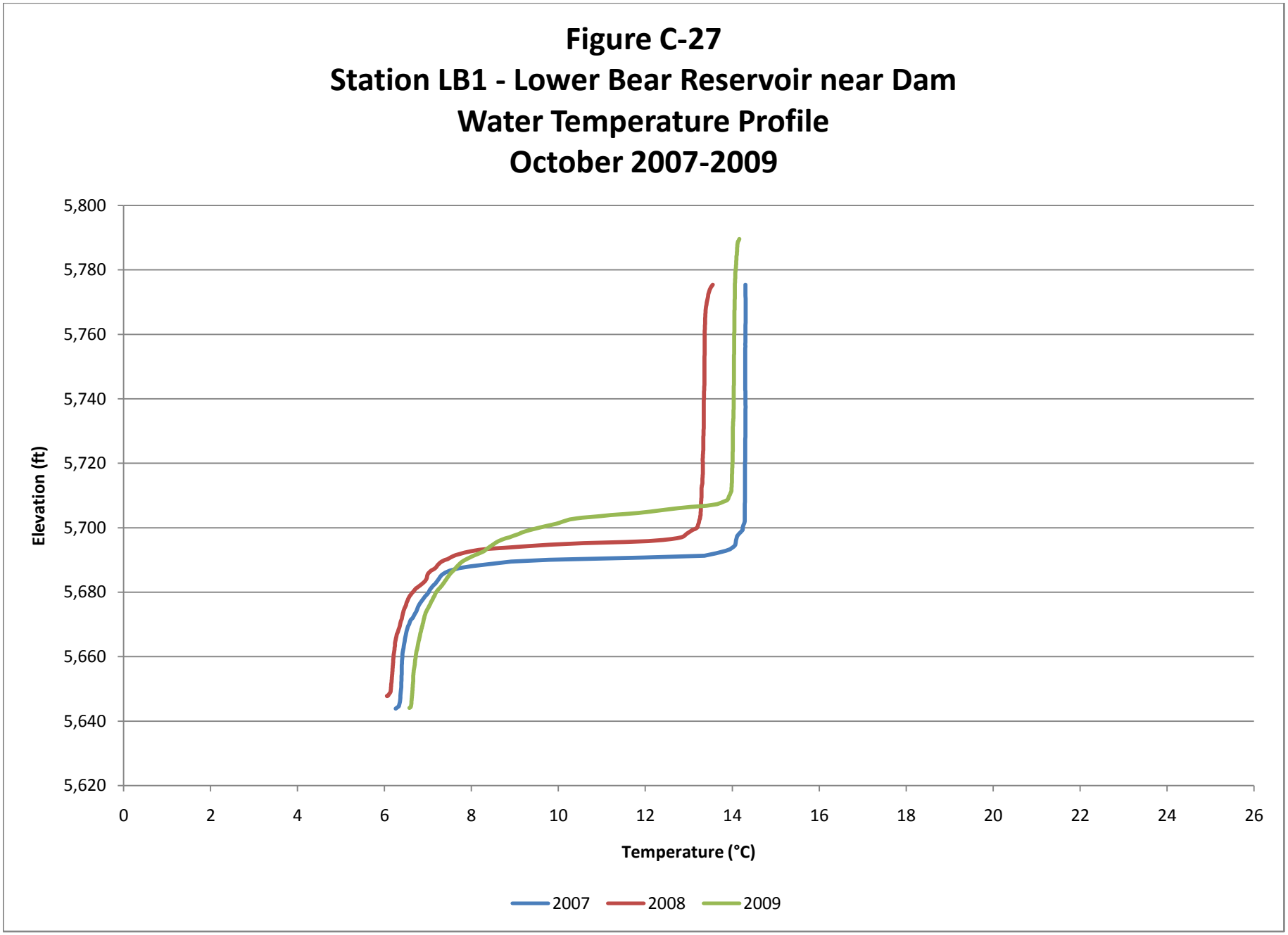
Figure C-27
Station LB1 - Lower Bear Reservoir near Dam
Water Temperature Profile
October 2007-2009
Elevation (ft)
5,800
5,780
5,760
5,740
5,720
5,700
5,680
5,660
5,640
5,620
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2007
2008
2009

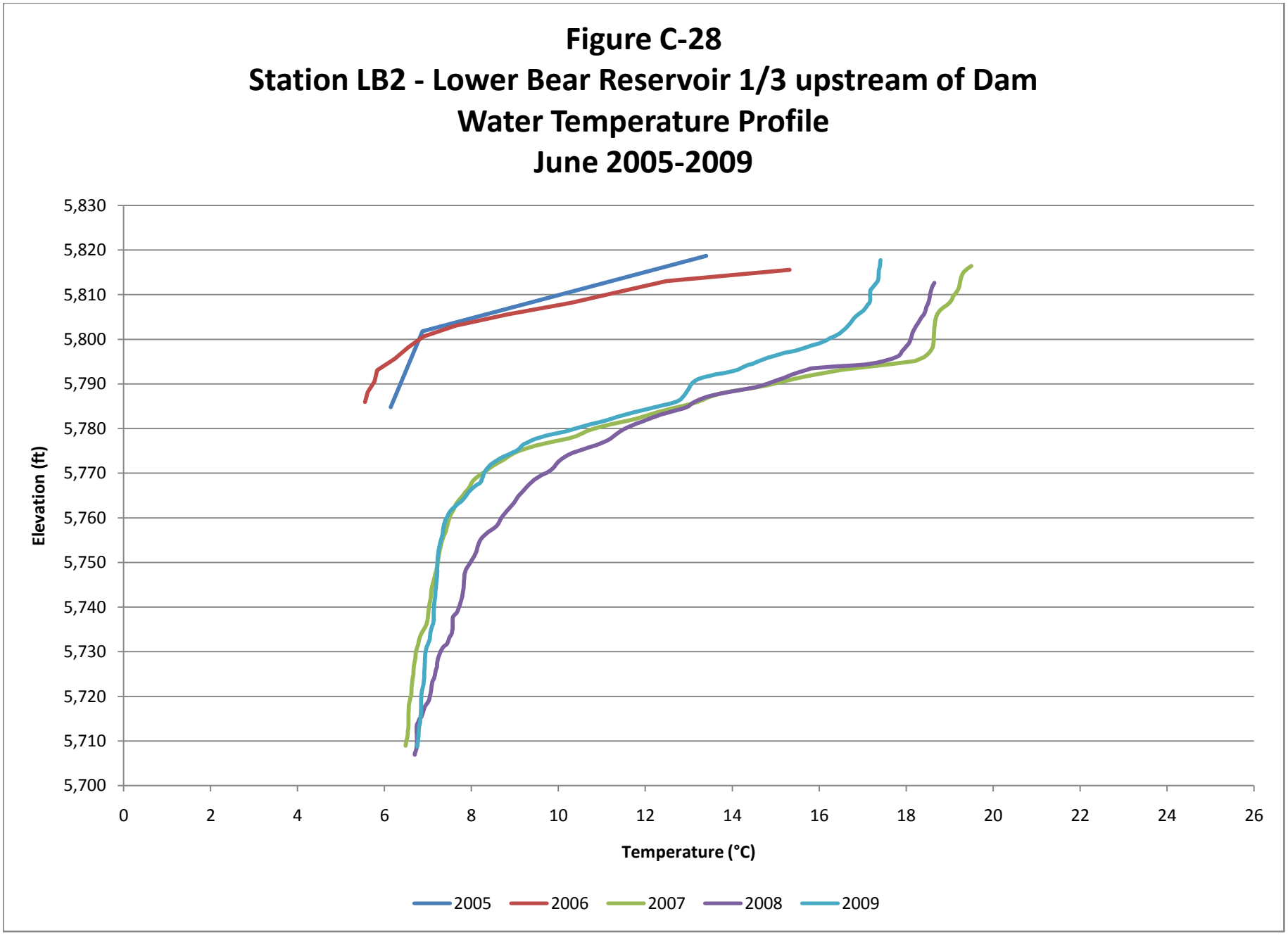
Figure C-28
Station LB2 - Lower Bear Reservoir 1/3 upstream of Dam
Water Temperature Profile
June 2005-2009
Elevation (ft)
5,830
5,820
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
5,720
5,710
5,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

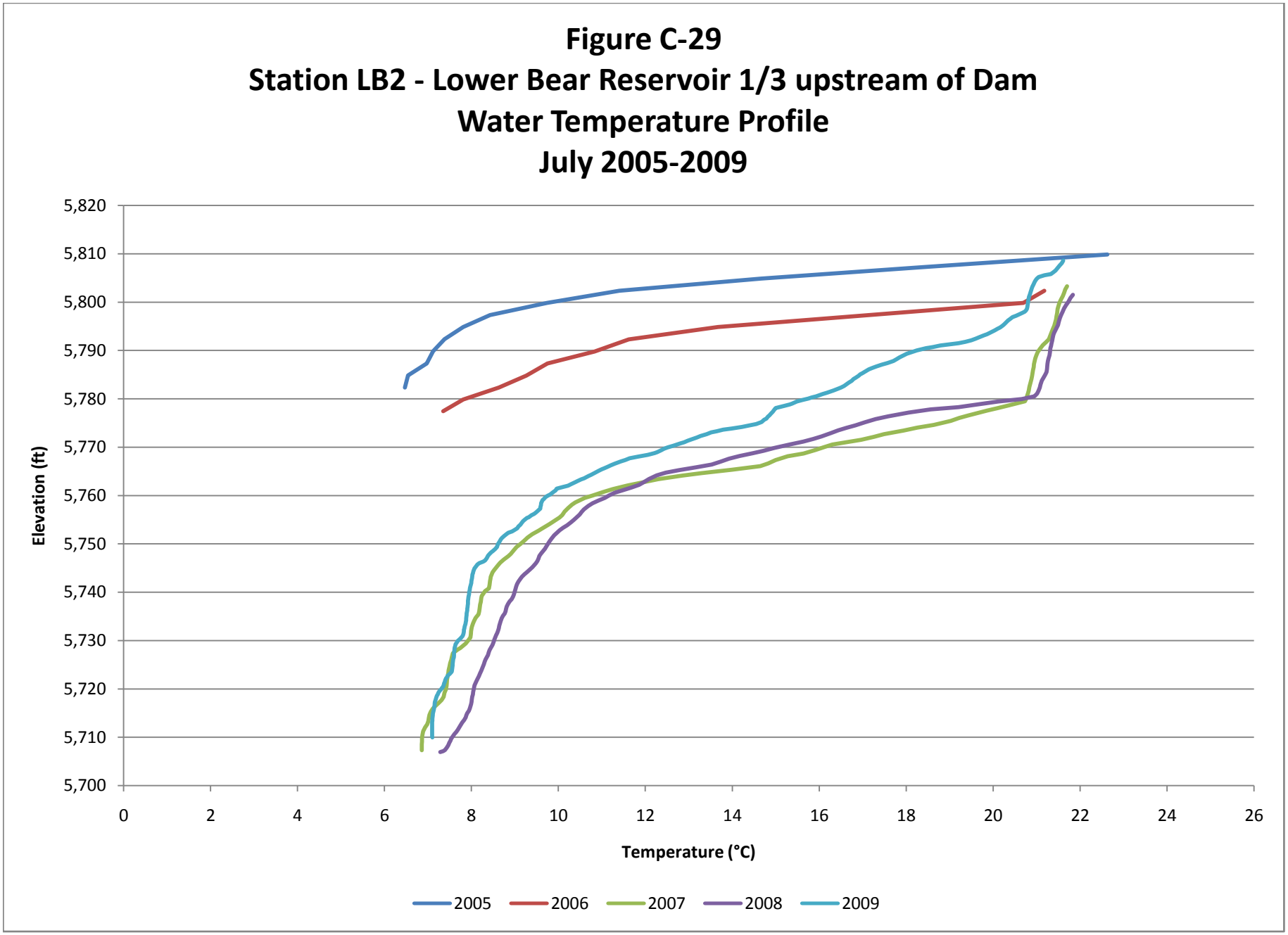
Figure C-29
Station LB2 - Lower Bear Reservoir 1/3 upstream of Dam
Water Temperature Profile
July 2005-2009
Elevation (ft)
5,820
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
5,720
5,710
5,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

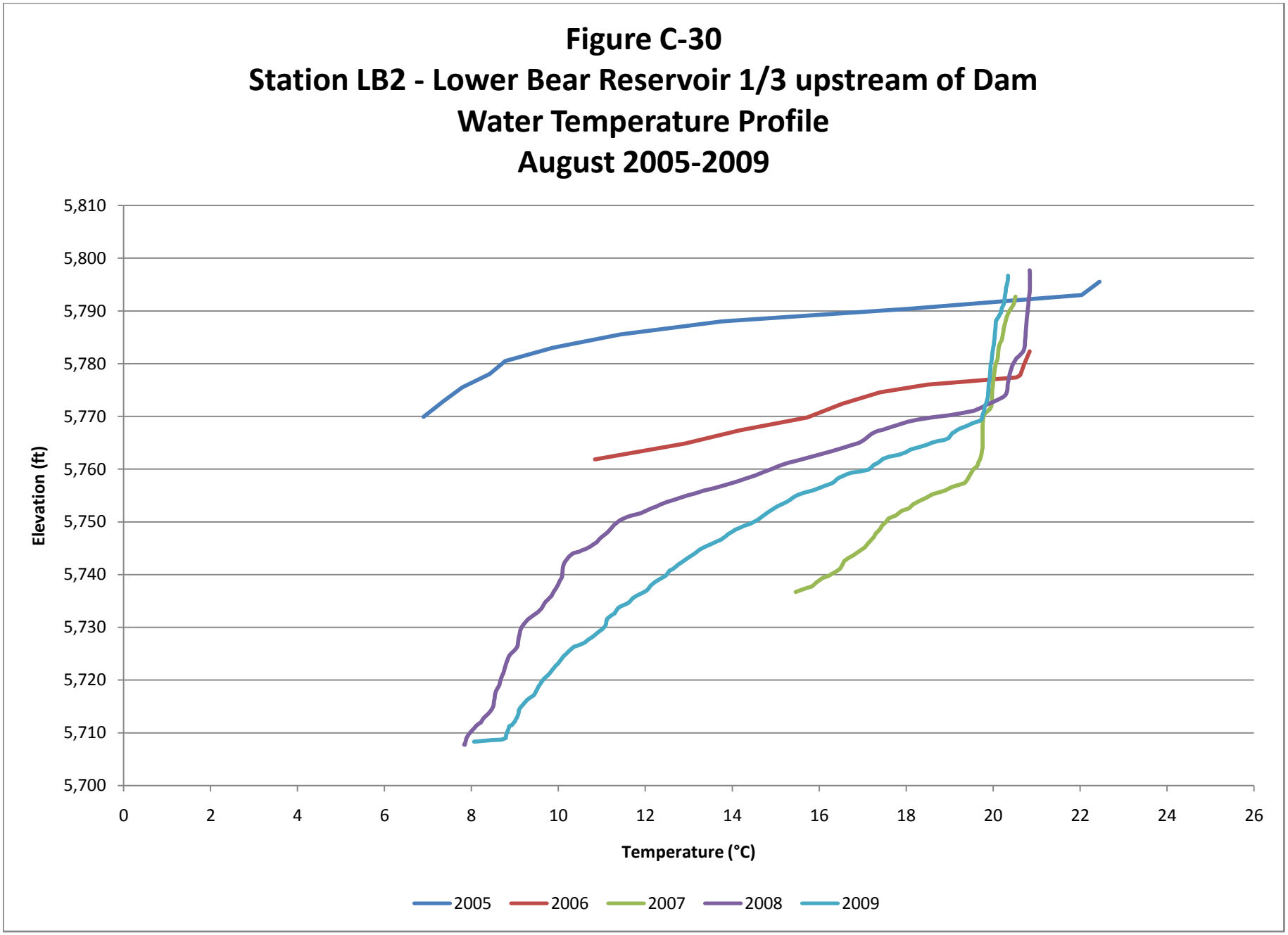
Figure C-30
Station LB2 - Lower Bear Reservoir 1/3 upstream of Dam
Water Temperature Profile
August 2005-2009
Elevation (ft)
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
5,720
5,710
5,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

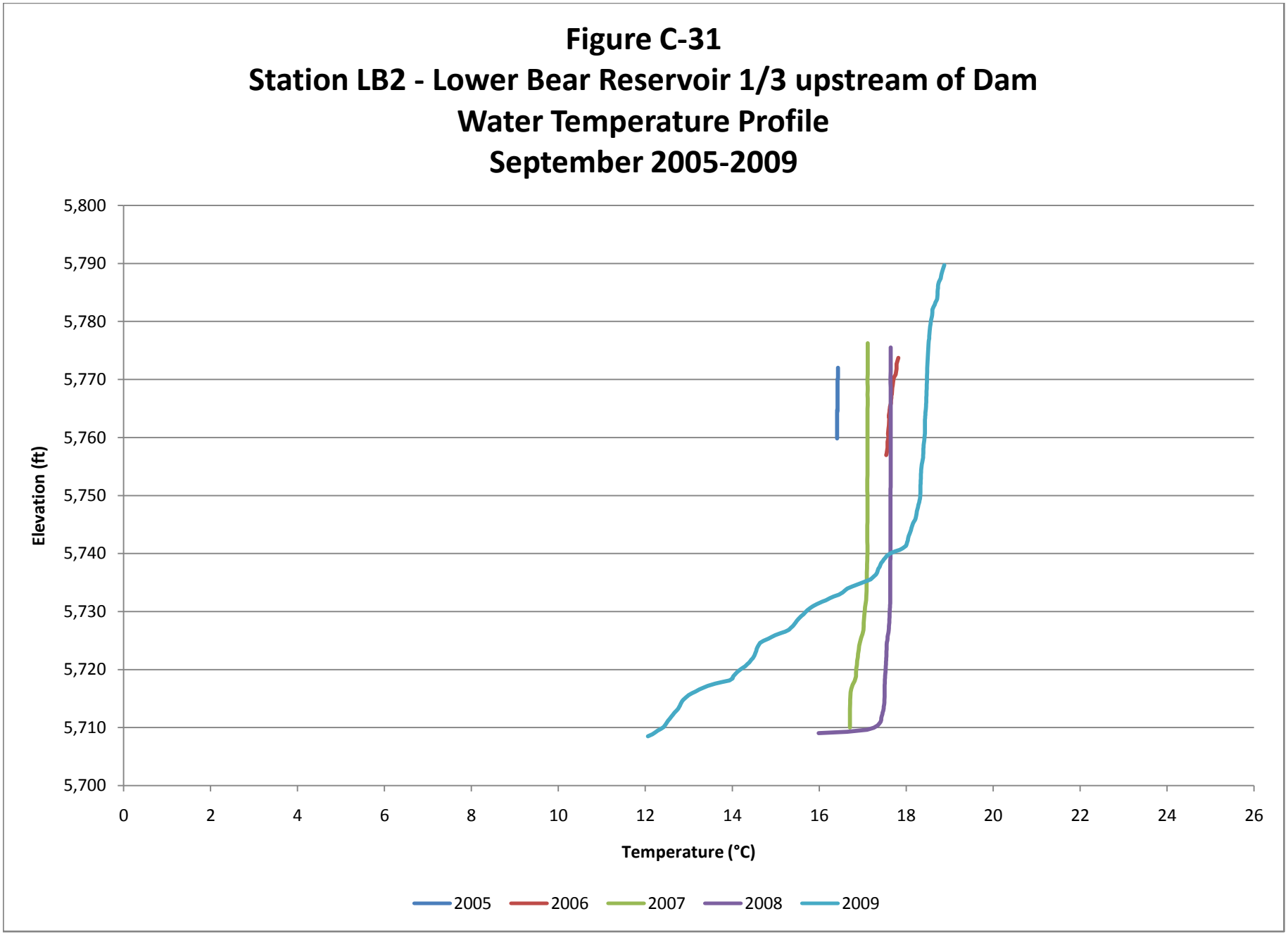
Figure C-31
Station LB2 - Lower Bear Reservoir 1/3 upstream of Dam
Water Temperature Profile
September 2005-2009
Elevation (ft)
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
5,720
5,710
5,700
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

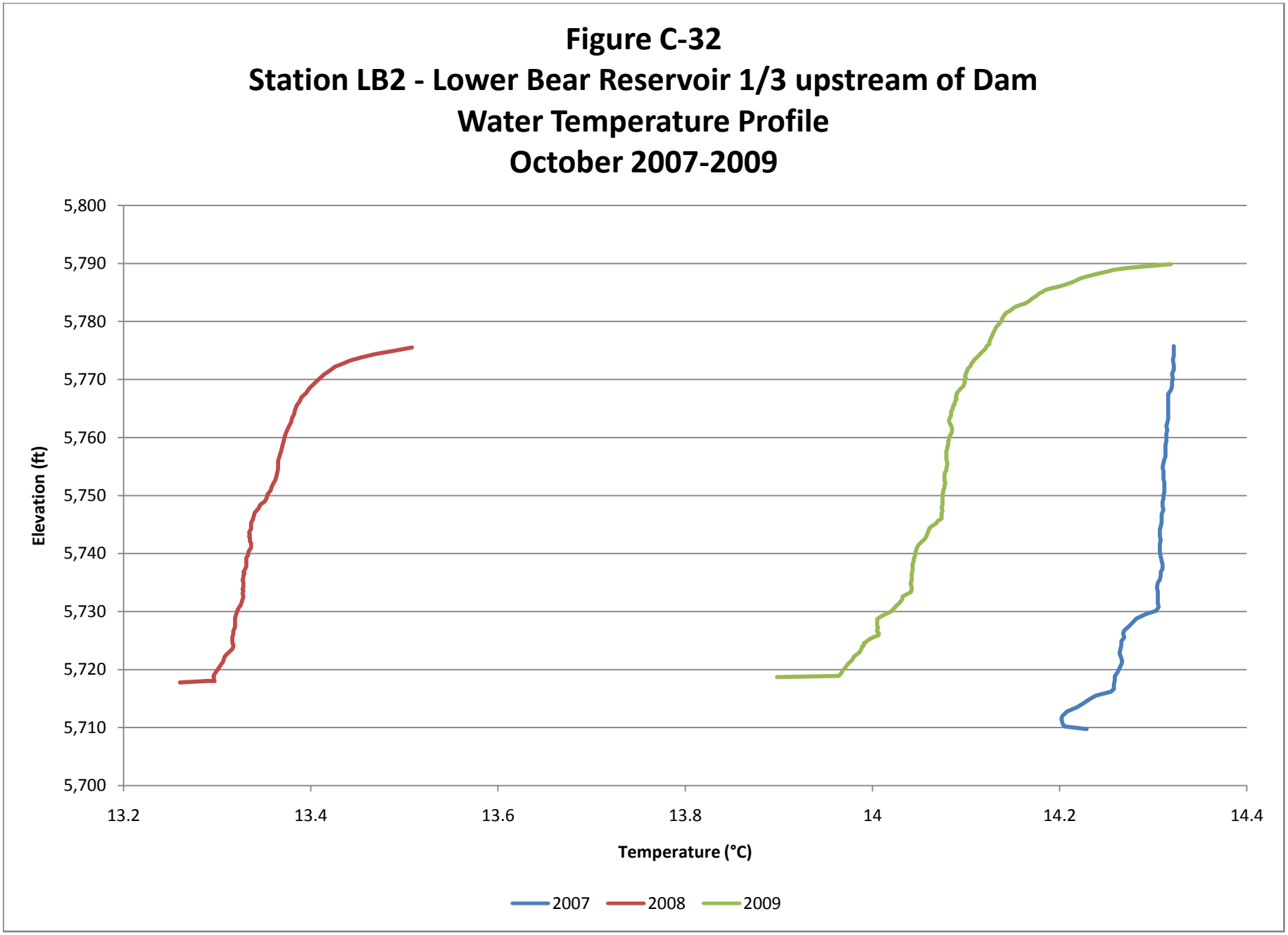
Figure C-32
Station LB2 - Lower Bear Reservoir 1/3 upstream of Dam
Water Temperature Profile
October 2007-2009
Elevation (ft)
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
5,720
5,710
5,700
13.2
13.4
13.6
13.8
14
14.2
14.4
Temperature (°C)
2007
2008
2009

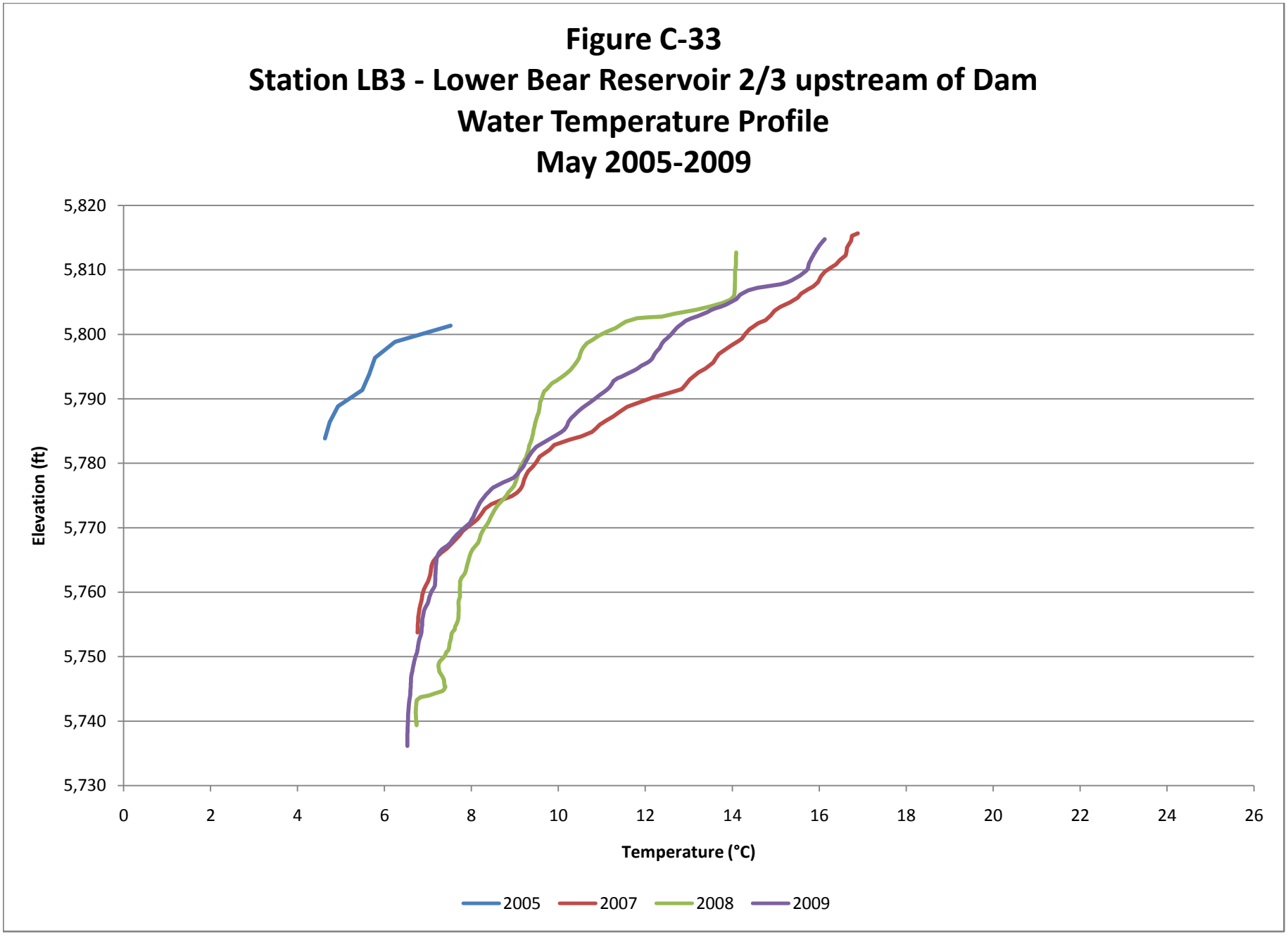
Figure C-33
Station LB3 - Lower Bear Reservoir 2/3 upstream of Dam
Water Temperature Profile
May 2005-2009
Elevation (ft)
5,820
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2007
2008
2009

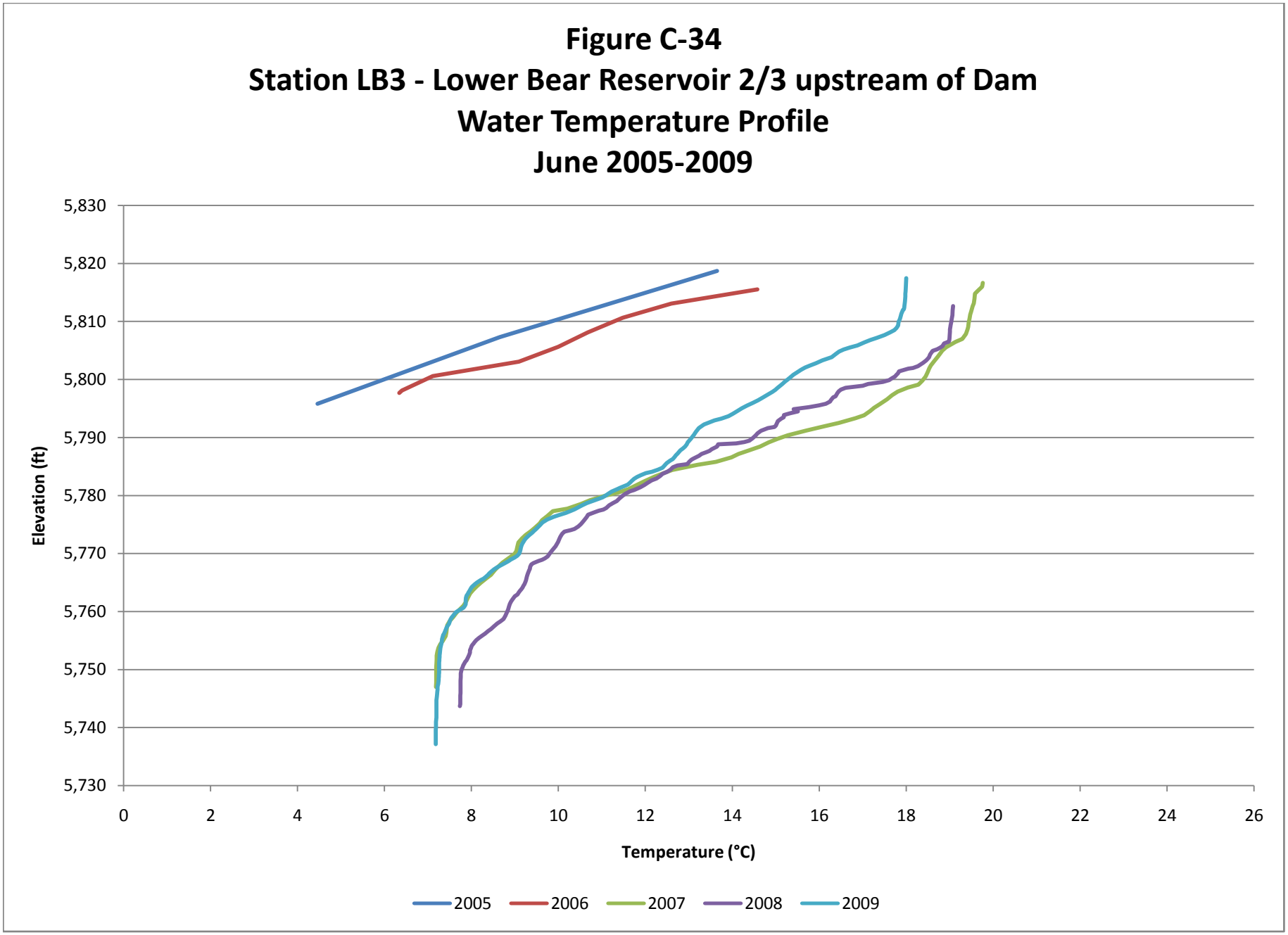
Figure C-34
Station LB3 - Lower Bear Reservoir 2/3 upstream of Dam
Water Temperature Profile
June 2005-2009
Elevation (ft)
5,830
5,820
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

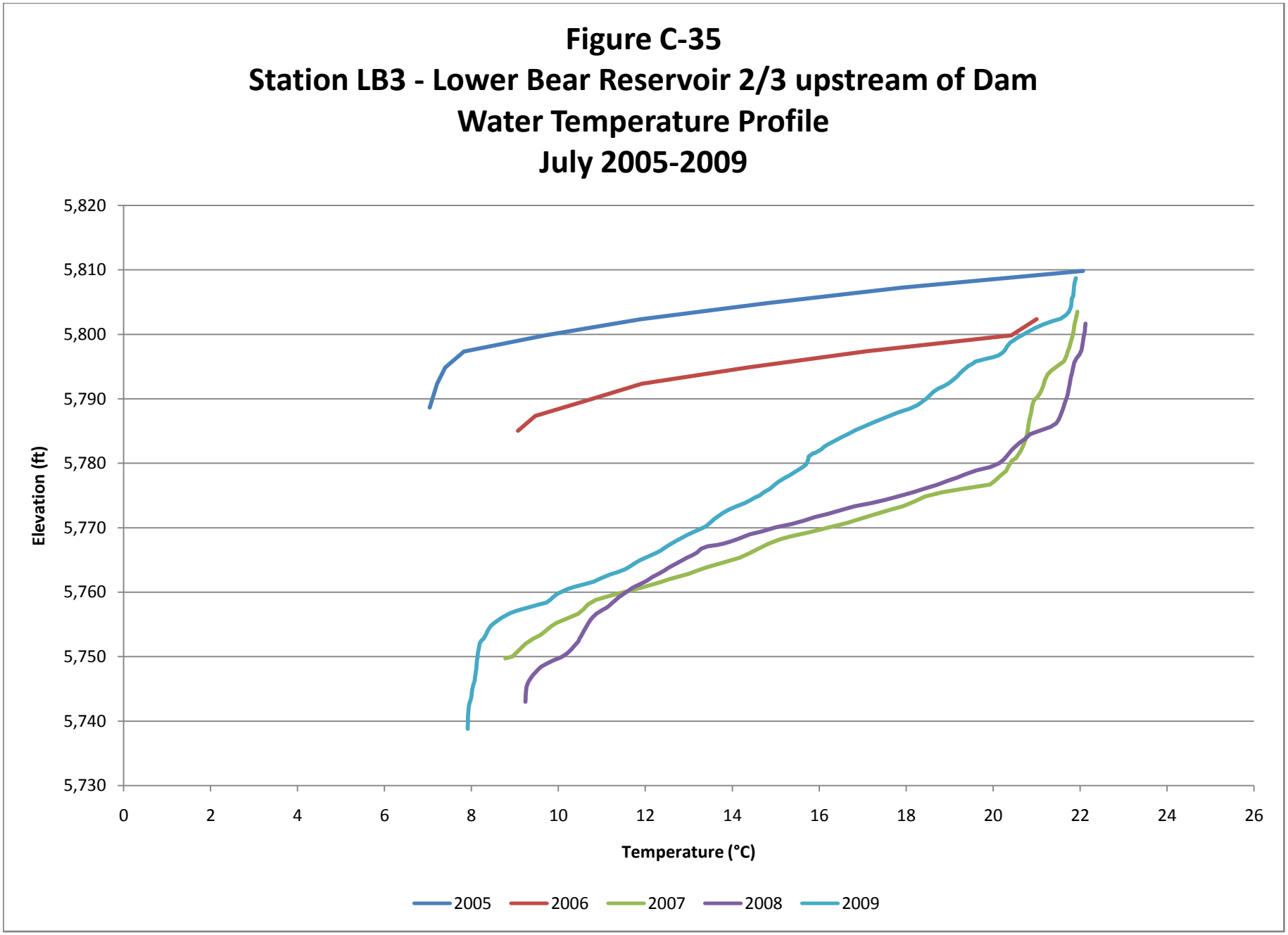
Figure C-35
Station LB3 - Lower Bear Reservoir 2/3 upstream of Dam
Water Temperature Profile
July 2005-2009
Elevation (ft)
5,820
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

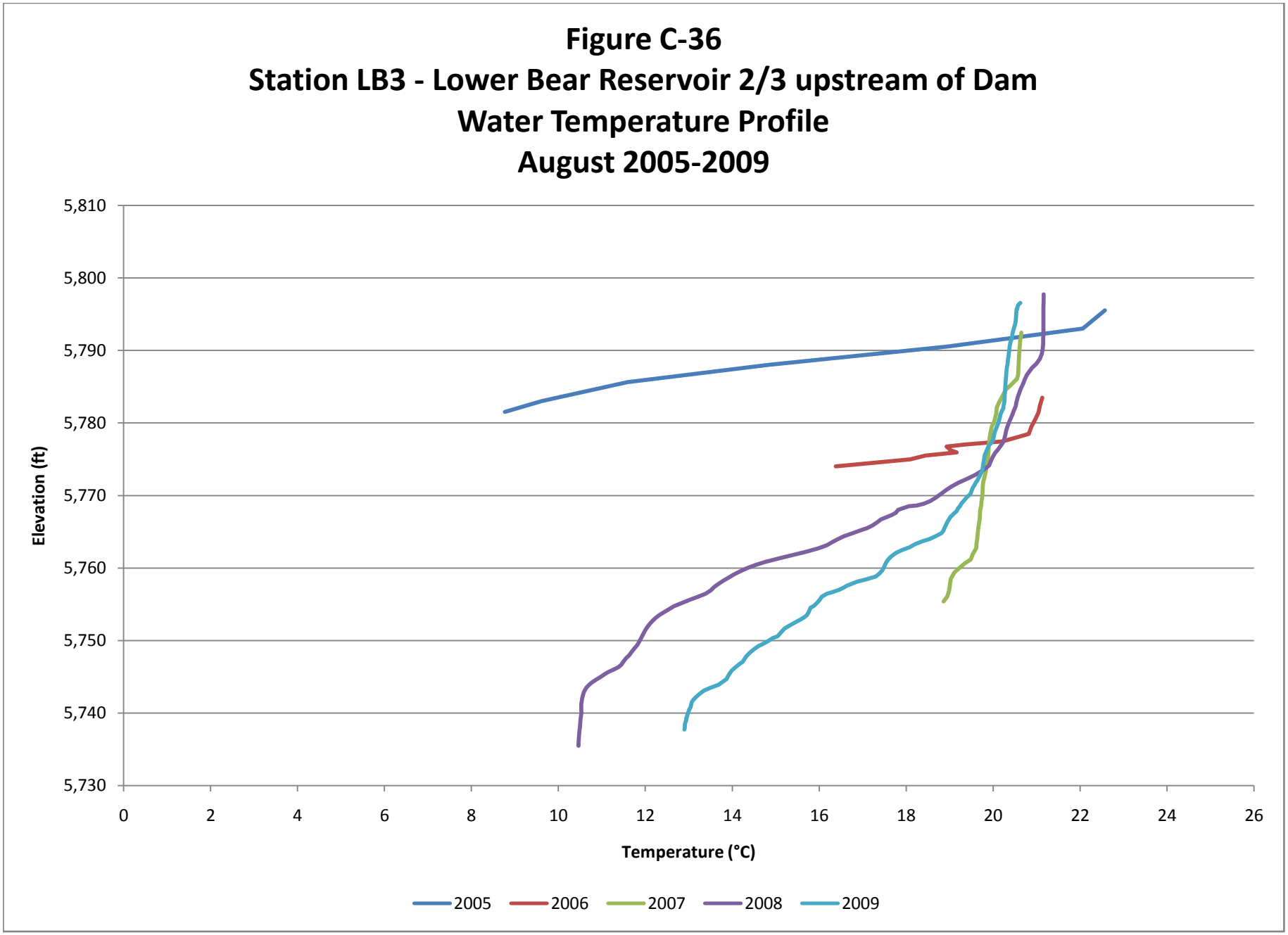
Figure C-36
Station LB3 - Lower Bear Reservoir 2/3 upstream of Dam
Water Temperature Profile
August 2005-2009
Elevation (ft)
5,810
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Temperature (°C)
2005
2006
2007
2008
2009

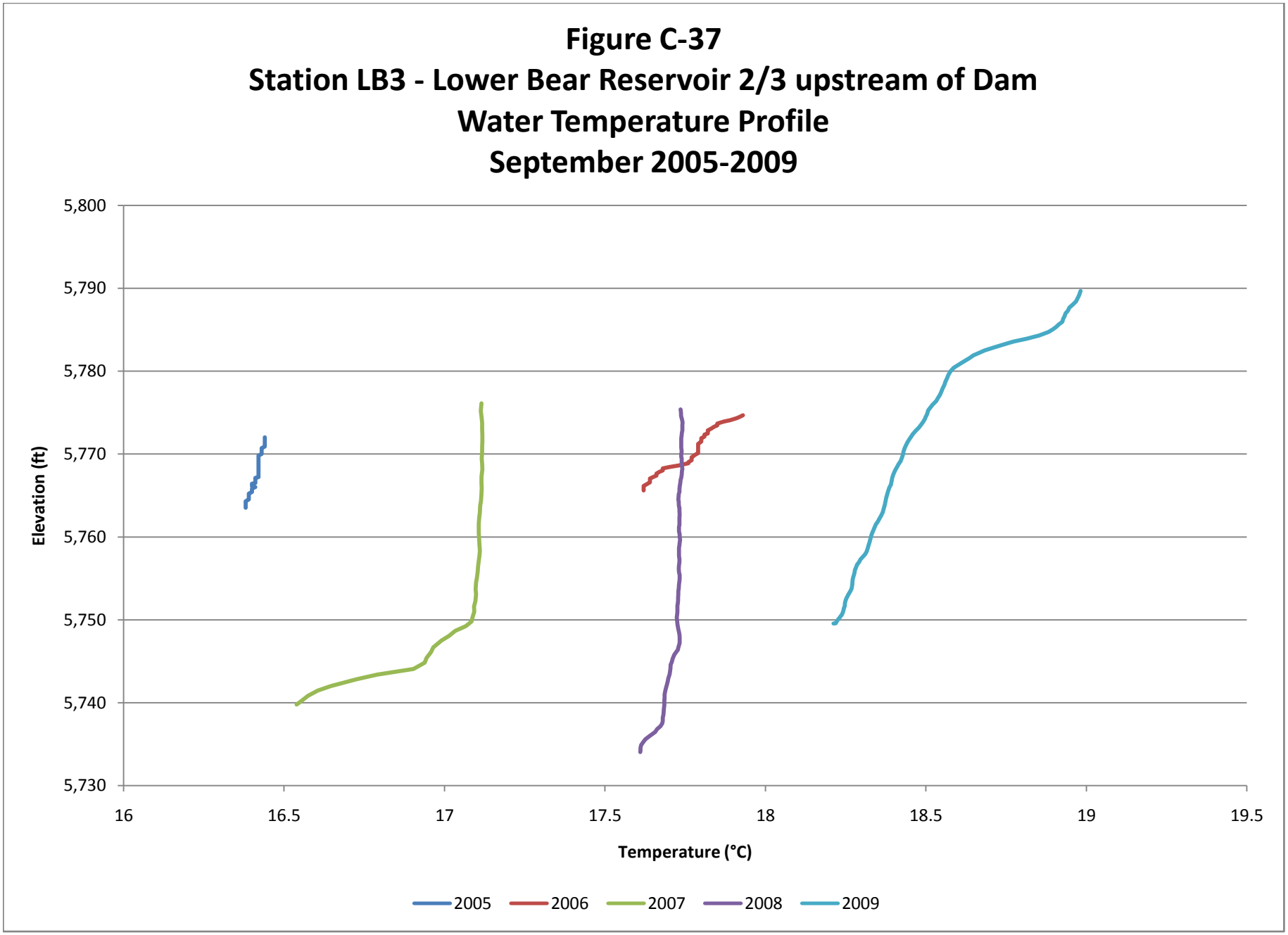
Figure C-37
Station LB3 - Lower Bear Reservoir 2/3 upstream of Dam
Water Temperature Profile
September 2005-2009
Elevation (ft)
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
16
16.5
17
17.5
18
18.5
19
19.5
Temperature (°C)
2005
2006
2007
2008
2009

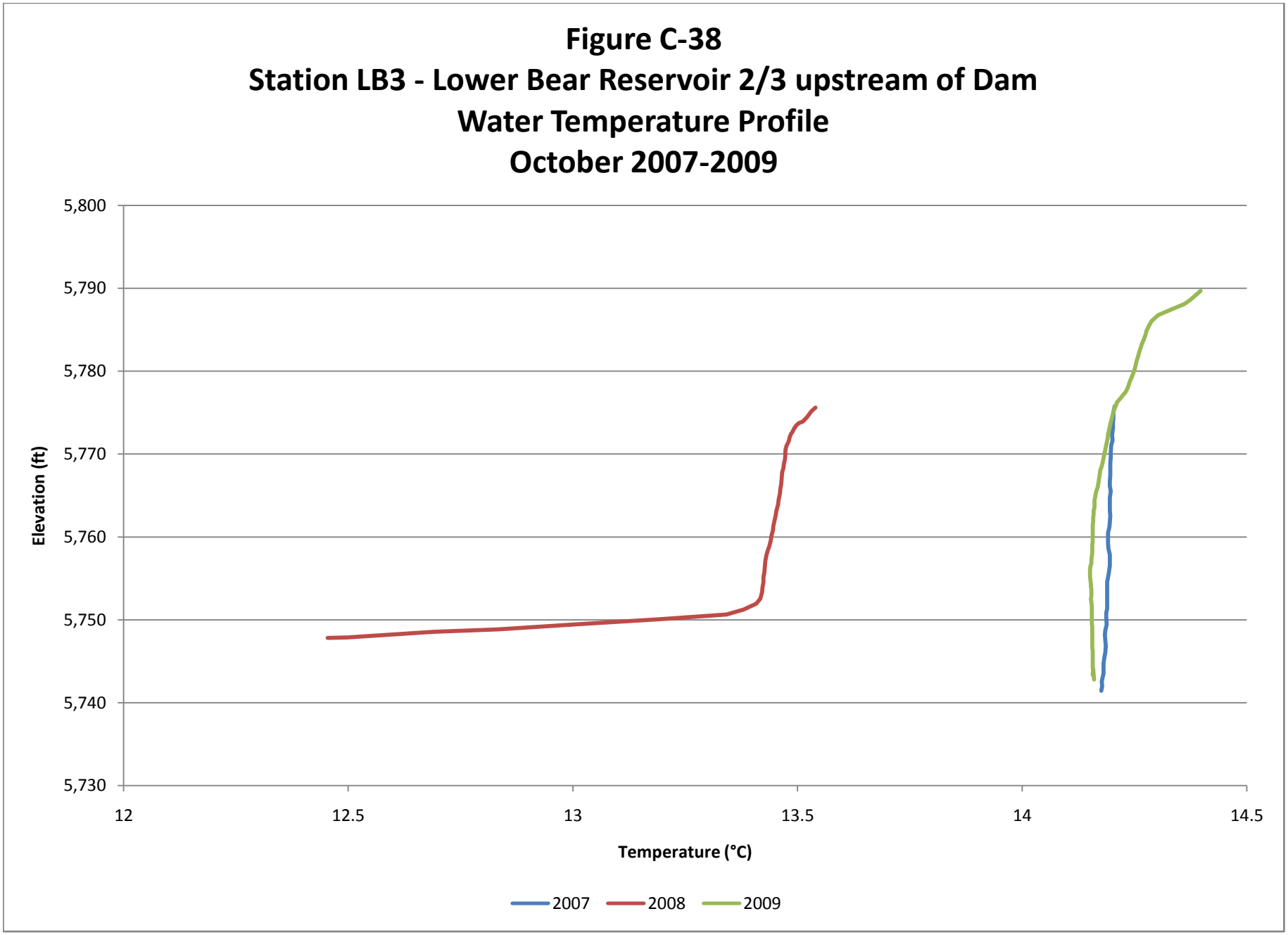
Figure C-38
Station LB3 - Lower Bear Reservoir 2/3 upstream of Dam
Water Temperature Profile
October 2007-2009
5,800
5,790
5,780
5,770
5,760
5,750
5,740
5,730
Elevation (ft)
12
12.5
13
13.5
14
14.5
Temperature (°C)
2007
2008
2009

**Appendix I**

Monthly Water Temperature at Project Reservoirs, 2005-2009

**Table D-1. Station SSR1 – Salt Springs Reservoir near Dam.**
**Monthly Minimum and Maximum Water Temperatures (°C).**

| | April | | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** |
| **2005** | 5.5 | 7.3 | 5.4 | 9.3 | 6.7 | 13.1 | 7.4 | 23.4 | 7.7 | 23.6 | 8.5 | 18.7 | -- | -- |
| **2006** | -- | -- | 5.7 | 11.1 | 7.1 | 14.4 | 7.6 | 23.0 | 8.1 | 21.8 | 9.0 | 19.6 | 9.4 | 17.7 |
| **2007** | 7.2 | 8.8 | -- | -- | 7.9 | 20.7 | 8.3 | 23.5 | 8.8 | 22.5 | 8.9 | 19.3 | 9.0 | 16.7 |
| **2008** | 7.6 | 8.7 | -- | -- | 8.2 | 19.1 | 8.5 | 22.9 | 8.5 | 23.0 | 8.8 | 19.5 | 9.3 | 15.2 |
| **2009** | 6.3 | 10.7 | -- | -- | 8.4 | 17.1 | 8.6 | 23.7 | 9.1 | 21.8 | 9.6 | 20.0 | 9.7 | 16.0 |

**Table D-2. Station SSR2 – Salt Springs Reservoir 1/3 Upstream from Dam.**
**Monthly Minimum and Maximum Water Temperatures (°C).**

| | April | | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** |
| **2005** | -- | -- | 5.5 | 9.3 | 6.7 | 13.4 | 7.4 | 23.9 | 7.9 | 24.1 | 9.6 | 18.6 | -- | -- |
| **2006** | -- | -- | 5.8 | 11.2 | 7.1 | 14.7 | 7.8 | 23.2 | 8.3 | 22.2 | 9.7 | 19.7 | 17.0 | 17.4 |
| **2007** | 6.9 | 9.1 | 8.2 | 16.4 | -- | -- | 8.4 | 23.7 | 9.4 | 22.7 | 9.8 | 19.3 | 10.5 | 16.8 |
| **2008** | 6.8 | 9.3 | -- | -- | 8.2 | 19.4 | 8.4 | 23.4 | 8.5 | 23.4 | 9.0 | 19.7 | 9.3 | 15.2 |
| **2009** | 6.4 | 11.3 | -- | -- | 9.1 | 17.0 | 8.7 | 24.0 | 9.3 | 22.2 | 10.2 | 20.1 | 10.7 | 16.2 |

**Table D-3. Station SSR3 – Salt Springs Reservoir 2/3 Upstream from Dam.**
**Monthly Minimum and Maximum Water Temperatures (°C).**

| | April | | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** |
| **2005** | -- | -- | 5.7 | 8.85 | 7.3 | 13.2 | 7.8 | 24.2 | 8.2 | 24.4 | 17.0 | 18.4 | -- | -- |
| **2006** | -- | -- | 6.0 | 11.5 | 7.3 | 15.1 | 8.1 | 23.1 | 9.0 | 22.5 | 11.0 | 19.6 | 13.9 | 17.2 |
| **2007** | 7.1 | 9.2 | 8.2 | 16.7 | -- | -- | 8.9 | 23.7 | 16.4 | 22.9 | 11.6 | 19.3 | 16.0 | 17.0 |
| **2008** | 4.0 | 8.1 | -- | -- | 8.5 | 19.8 | 8.8 | 23.7 | 17.2 | 23.6 | 9.6 | 19.8 | 10.6 | 15.2 |
| **2009** | 6.5 | 11.5 | -- | -- | 8.6 | 17.0 | 9.6 | 24.3 | 10.2 | 22.4 | 11.0 | 20.5 | 13.4 | 16.2 |

**Table D-4. Station LBR1 – Lower Bear River Reservoir near Dam.**
**Monthly Minimum and Maximum Water Temperatures (°C).**

| | April | | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** |
| **2005** | -- | -- | 4.6 | 9.2 | 5.8 | 13.4 | 5.9 | 22.7 | 5.9 | 22.1 | 6.0 | 16.4 | -- | -- |
| **2006** | -- | -- | -- | -- | 5.0 | 15.7 | 5.8 | 21.3 | 6.3 | 20.6 | 8.3 | 17.7 | -- | -- |
| **2007** | -- | -- | 5.4 | 15.7 | 5.8 | 19.0 | 5.9 | 21.3 | 6.9 | 20.1 | 16.7 | 17.1 | 6.3 | 14.3 |
| **2008** | -- | -- | 5.0 | 13.1 | 5.4 | 18.2 | 5.7 | 21.4 | 5.7 | 20.1 | 5.9 | 17.6 | 6.1 | 12.6 |
| **2009** | -- | -- | 5.8 | 15.2 | 6.8 | 17.4 | 6.1 | 20.8 | 6.3 | 20.1 | 6.4 | 18.5 | 6.6 | 14.2 |

**Table D-5. Station LBR2 – Lower Bear River Reservoir 1/3 Upstream from Dam.**
**Monthly Minimum and Maximum Water Temperatures (°C).**

| | April | | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** |
| **2005** | -- | -- | 4.7 | 11.0 | 6.1 | 13.4 | 6.5 | 22.4 | 6.9 | 22.8 | 15.4 | 16.4 | -- | -- |
| **2006** | -- | -- | -- | -- | 5.6 | 15.9 | 7.3 | 22.1 | 10.9 | 20.9 | 17.5 | 17.9 | -- | -- |
| **2007** | -- | -- | 6.1 | 16.7 | 6.5 | 19.5 | 6.9 | 21.7 | 15.5 | 20.5 | 16.7 | 17.1 | 14.2 | 14.3 |
| **2008** | -- | -- | 5.8 | 13.7 | 6.7 | 18.7 | 7.3 | 21.9 | 7.8 | 20.9 | 16.0 | 17.6 | 13.3 | 13.5 |
| **2009** | -- | -- | 6.1 | 15.7 | 6.8 | 17.4 | 7.1 | 21.6 | 8.1 | 20.3 | 12.1 | 18.9 | 13.9 | 14.3 |

**Table D-6. Station LBR3 – Lower Bear River Reservoir 2/3 Upstream from Dam.**
**Monthly Minimum and Maximum Water Temperatures (°C).**

| | April | | May | | June | | July | | August | | September | | October | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** | **Min** | **Max** |
| **2005** | -- | -- | 4.6 | 12.1 | 4.5 | 13.7 | 7.0 | 23.7 | 8.77 | 23.1 | 16.4 | 16.4 | -- | -- |
| **2006** | -- | -- | -- | -- | 6.3 | 16.7 | 9.0 | 22.7 | 16.2 | 21.2 | 17.6 | 17.9 | -- | -- |
| **2007** | -- | -- | 6.8 | 16.9 | 7.2 | 19.8 | 8.8 | 21.9 | 18.9 | 20.7 | 16.6 | 17.1 | 14.2 | 14.2 |
| **2008** | -- | -- | 6.7 | 14.1 | 7.7 | 19.1 | 9.2 | 22.1 | 10.5 | 21.2 | 17.6 | 17.7 | 12.5 | 13.5 |
| **2009** | -- | -- | 6.5 | 16.1 | 7.2 | 18.0 | 7.9 | 22.0 | 12.9 | 20.6 | 18.2 | 19.0 | 14.2 | 14.4 |