Mokelumne River Project
(FERC Project No. 137)

2007 Water Temperature Monitoring Program Report

Prepared for

Pacific Gas and Electric Company
Environmental Services
San Ramon, CA

Prepared by

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1 INTRODUCTION

1.1 Background

This report presents data collected during the 2007 water temperature monitoring study for the Mokelumne River Hydroelectric Project, FERC Project No. 137 (Project). This 2007 data report represents the third year (Year 3) of the Mokelumne River Stream Ecology Monitoring Program and the sixth year 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. 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 in 1999, 2000, 2001, 2002, 2003, 2004, 2005, and 2006 (PG&E, 1999 unpublished data, 2002, 2003, 2004, 2005, and 2006). 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 2006 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 3 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 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 2007 water temperature monitoring results 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 is comprised of 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. 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 METHODS

2.1 Stream Water Temperature Monitoring

Stream water temperatures were monitored at fifteen locations in 2007. 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 2007 at three locations in Lower Bear River Reservoir and from April through October 2007 in Salt Springs Reservoir. No data were collected in Lower Bear River Reservoir during the month of April because of snow and access issues. 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 a 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).

3 WATER TEMPERATURE MONITORING RESULTS

3.1 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).

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 (Appendix A1-1). Hourly average water temperatures ranged from a low of 9.1°C in June 2007 to a high of 22.0°C in August 2007 (Appendix B).

Daily average water temperatures at Station BC1 ranged from a low of 10.4°C occurring in June to an average high of 20.4°C occurring in August. There were eight days during the water temperature monitoring study where the daily average water temperatures exceeded the 20°C ERC coldwater temperature objective[1] (Table 3). Daily average water temperatures were between 20.1 and 20.3°C from July 14-17 and between 20.1 and 20.4°C from July 31 to August 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 rapidly 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 4.9°C in June 2007 to a high of 19.6°C in August, 2007 (Appendix B).

Daily average water temperatures at Station BC2 ranged from a low of 5.9°C in June to a high of 19.1°C in August. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station BC2 during the monitoring period[1] (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 mid-June to mid-July, before decreasing rapidly during September (Figure A1-3). Hourly average water temperatures ranged from a low of 10.7°C in June 2007 to a high of 20.4°C in August 2007 (Appendix B).

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[1] The number of days >20°C was tabulated using an "IF-THEN" type query. For example, a calculated mean daily temperature of 19.9°C is rounded to 20°C and is tabulated as ≤20°C; however, a value of 20.1°C which should also round to 20°C is tabulated as >20°C. Additionally, the stream temperatures on which this calculation is based were averaged for a 24-hour period, therefore, the resultant data are certain only to two digits. 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).

Daily average water temperatures at Station MC1 ranged from a low of 8.8°C in September to a high of 20.0°C in July. The 20°C ERC coldwater objective was exceeded at Station MC1 for one day during the monitoring period, when the daily average water temperature reached 20.0°C on July 9[1] (Table 3).

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

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 and September (Figure A1-4). Water temperatures began to slowly decrease through September. Hourly average water temperatures ranged from a low of 6.5°C in June 2007 to a high of 18.5°C in August 2007 (Appendix B).

Daily average water temperatures at Station MC2 ranged from a low of 6.6°C in June to a high of 18.0°C in August. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station MC2 during the monitoring period[1] (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 monitors the natural receiving water temperatures for the NFMR immediately downstream of Salt Springs Reservoir Dam (Station NFMR2). This station 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. There is a gap in stream water temperature data from June 9 to June 27 due to recorder stranding form reduced flows at the station. 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 2.7°C in April 2007 to 22.4°C in July and August 2007 (Appendix B).

Daily average water temperatures ranged from a low of 3.2°C in April to a high of 20.5°C in July. There were 12 days in July and seven days in August when mean daily water temperatures exceeded the 20°C ERC coldwater objective[1](Table 3). In July, daily average temperatures exceeding the 20°C ERC coldwater objective ranged from 20.0 and 20.5°C; in August daily average temperatures exceeding the 20°C ERC coldwater objective ranged from 20.0 and 20.3°C.

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. This is observed not only in the daily average water

temperatures, but also in the large range between daily minimum and maximum water temperatures (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 6.2°C in April 2007 to a high of 17.55°C in August 2007 (Appendix B).

Daily average water temperatures at Station NFMR2 ranged from a low of 7.0ºC in April to a high of 11.7°C in July, August and September. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station NFMR2 during the monitoring period[1] (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).

Station CC0. Station CC0 is located in Cole Creek just below the Cole Creek Diversion Dam. The water temperature at CC0 generally increased through mid-July and then began to gradually decrease through the end of September (Figure A1-7). Hourly mean water temperatures ranged from a low of 6.1°C in June 2007 to a high of 21.4°C in July and August 2007 (Appendix B).

Daily mean water temperatures at Station CC0 ranged from a low of 8.7°C in June to 19.4°C in July. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station CC0 during the monitoring period[1] (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 reflects the large effect air temperature had on the water temperature at Station 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. There is a gap in data from September 2 to September 24 due to vandalism of the recorder (Figure A1-8). Hourly mean water temperatures ranged from a low of 2.9°C in April 2007 to a high of 19.7°C in August 2007 (Appendix B).

Daily average water temperatures at Station CC1 ranged from 3.9°C in April to 18.2°C in August. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station CC1 during the monitoring period[1] (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 from early June to early August and 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 remained relatively constant during the monitoring study (Figure A1-9). Hourly mean water temperatures ranged from a low of 6.4°C in September 2007 to a high of 15.0°C in July 2007 (Appendix B).

Daily average water temperatures at Station BR1 ranged from a low of 4.5°C in April to a high of 11.3°C in July. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station BR1 during the monitoring period[1] (Table 3).

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 and August, coinciding with the warmer daily air temperatures observed for those months (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 (Figure A1-10). Hourly average water temperatures ranged from a low of 3.3°C in April 2007 to a high of 19.8°C in July 2007 (Appendix B). Mean daily water temperatures at Station BR2 ranged from a low of 4.4°C in April to a high of 17.9°C in July. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station BR2 during the monitoring period[1] (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 5.6°C in April 2007 to 26.7°C in July 2007 (Appendix B).

Daily mean water temperatures at Station NFMR3 ranged from a low of 6.5°C in April to a high of 24.3°C in July. There were 67 days in the monitoring period when the daily average water temperatures exceeded the 20°C ERC coldwater objective[1] (Table 3). In June, daily average temperatures exceeding the 20°C ERC coldwater objective ranged from 20.0 and 20.4°C (six days); in July, daily average temperatures exceeding the 20°C ERC coldwater objective ranged from 20.0 and 20.3°C (30 days); in August, daily average temperatures exceeding the 20°C ERC coldwater objective ranged from 20.2 and 23.0°C (28 days); in September, daily average temperatures exceeding the 20°C ERC coldwater objective ranged from 20.4 and 22.0°C (three days).

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 mean water temperatures ranged from a low of 6.1°C in April 2007 to a high of 14.1°C in August 2007 (Appendix B).

Daily mean water temperatures at Station TC1 ranged from 6.3°C in April to 14.8°C in September. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at Station TC1 during the monitoring period[1] (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-May before remaining generally stable for the remainder of the monitoring period (Figure A1-13). Hourly mean water temperatures ranged from 6.7°C in April to 14.5 °C August 2007 (Appendix B).

Daily average water temperatures ranged from 7.4°C in April to 15.3°C in September. Daily average water temperatures did not exceed the 20ºC ERC coldwater objective at Station NFMR4 during the monitoring period[1] (Table 3).

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-May before remaining generally stable for the remainder of the monitoring period (Figures A1-14 and A2-14). Hourly mean water temperatures ranged from 7.1°C in April 2007 to 18.1°C in August 2007 (Appendix B).

Daily average water temperatures ranged from a low of 7.6°C in April to a high of 17.1°C in September. Daily average water temperatures did not exceed the 20ºC ERC coldwater objective at Station NFMR5 during the monitoring period[1] (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.

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. Station MR1 is the lowest in elevation in the Project, occurring at approximately 675 feet MSL. 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 8.8°C in April 2007 to a high of 34.7°C in August 2007 (Appendix B). Daily average water temperatures ranged from 10.0°C in April to 26.0°C in July.

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. 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 rough estimates. Water quality data are shown in Appendix D2-15.

3.2 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, Lower Bear River Reservoir was inaccessible in April 2007due to snow and ice blocking access to the reservoir, so no data were collected.

Station SS1. Surface water temperatures at Station SS1, located on the Salt Springs Reservoir near the dam, ranged from 8.8°C in April 2007 to 23.5°C in July 2007 (Figure C1-1). Bottom water temperatures ranged from 7.2°C in April 2007 to 9.0°C in October 2007. There was a pronounced thermocline at this station beginning in June that was present through October. The rapid decrease in water temperature started at approximately 7 meters below water surface (BWS) in July 2007 and approximately 30 meters BWS in October. A cold-water pool of approximately 7 to 10°C at the bottom of the reservoir ranged in thickness from approximately 46 meters in June to approximately 7 meters in October.

Dissolved oxygen (DO) concentrations at SS1 were generally highest at the mid-water depth over the sampling season (Appendix D1). The mid-water DO concentration ranged from a low of 6.88 mg/L (72% saturation) in September to a high of 10.0 mg/L (98% saturation) in April 2007. DO concentrations at the bottom ranged from 4.7 mg/L (41% saturation) in October to 9.8 mg/L (91% saturation) in April. Specific conductance (SpC) readings were low; measurements ranged from 20 to 28 μS/cm. Turbidity readings ranged from a high surface reading of 33.9 NTU in September to a low of 0.0 NTU (± 5% of reading ± 1 NTU) in June, July and August.

Station SS2. Surface water temperatures at Station SS2, located on the Salt Springs Reservoir one-third of the distance from the dam to the upstream end of the reservoir, ranged from 9.1°C in April 2007 to 23.7°C in July 2007 (Figure C1-2). Bottom water temperatures ranged from 6.9°C in April 2007 to 10.5°C in October 2007. There was a thermocline at this station from July through October that became more defined over the course of the monitoring period. The decrease in water temperature started at approximately 7 meters BWS in July 2007 and approximately 27 meters BWS in October. There was a cold-water pool (about 7 to 10ºC) apparent in April (approximately 45 meters thick) through September (approximately 2 meters thick). In October, the upper half of the water column was a consistent 16.8ºC, cooling to 10.5ºC on the bottom.

DO concentrations at SS2 at mid-water depth ranged from a low of 6.9 mg/L (79%) in September 2007 to a high of 10.1 mg/L (95%) in April (Appendix D2). DO concentrations at the bottom ranged from a high of 9.6 mg/L (89%) in April to a low of 6.6 mg/L (64%) in September. SpC readings were low; measurements ranged from 20 to 28 μS/cm. Surface turbidity readings ranged from 0.0 NTU in June through October to 33.0 NTU in May.

Station SS3. Surface water temperatures at Station SS3, located on the Salt Springs Reservoir two-thirds of the distance from the dam to the upstream end of the reservoir, ranged from 9.2°C in April 2007 to 23.8°C in July 2007 (Figure C1-3). Bottom water temperatures ranged from 7.1°C in April 2007 to 16.4°C in August 2007. A thermocline at this station was evident from May through September. The

decrease in water temperature below the thermocline started at approximately 4 meters BWS in May 2007 and approximately 19 meters BWS in September. There was a cold-water pool apparent from April (approximately 23 meters thick) through July (approximately 14 meters thick).

DO concentrations at SS3 at mid-water depth ranged from a high of 10.2 mg/L (97%) in April 2007 to a low of 7.5 mg/L (89%) in September (Appendix D3). DO concentrations at the bottom ranged from a high of 10.4 mg/L (97%) in April to a low of 6.6 mg/L (66%) in September. SpC readings were low; measurements ranged from 20 to 26 μS/cm. Surface turbidity readings ranged from 0.0 NTU (± 5% of reading ± 1 NTU) to 13.7 NTU.

Station LB1. Surface water temperatures at Station LB1, located on the Lower Bear River Reservoir near the dam, ranged from 14.3°C in October 2007 to 21.2°C in July 2007 (Figure C2-1). Bottom water ranged from a minimum of 5.4°C in May 2007 to a maximum of 16.7°C in September 2007. Bottom water temperatures were all between 5.4°C and 6.2°C except for the month of September. A pronounced thermocline existed at station LB1 from May through October, except for the month of September, and moved progressively deeper throughout the water temperature monitoring study. In May, the thermocline was approximately 3 meters BWS and continued to move deeper to a maximum depth of 25 meters in October. A cold-water pool of approximately 5-10ºC at the bottom of the reservoir ranged in thickness from approximately 44 meters in May to approximately 6 meters in August. There was no water cooler than 10 ºC recorded in September.

Dissolved oxygen (DO) concentrations at LB1 were generally highest at the mid-water depth over the monitoring study (Appendix D4). The highest mid-water DO concentration (10.2 mg/L, 99%) occurred in May 2007, and the lowest (7.4 mg/L, 84%) occurred in September. DO concentrations at the bottom ranged from a maximum of 9.99 mg/L (86%) in August to a minimum of 6.5 mg/L in October. SpC readings were low; measurements ranged from 10 to 15 μS/cm. Turbidity levels were also low and ranged from 0.0 NTU (± 5% of reading ± 1 NTU) at the surface to 4.7 NTU near the bottom.

Station LB2. Surface water temperatures at Station LB2, 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 May 2007 to 21.6°C in July 2007 (Figure C2-2). Bottom water temperatures ranged from 6.0°C in May 2007 to 16.7°C in September 2007. There was a weak thermocline present at this station from May through August. The thermocline was apparent approximately 3 meters BWS in May 2007 and approximately 11 meters in August. A thermocline was not observed during the other months of the monitoring study. There was a coldwater pool (5-10ºC) approximately 24 meters thick in May and approximately 15 meters thick in July. There were no water temperatures cooler than 10°C recorded in August, September or October.

DO concentrations at LB2 at the mid-water depth ranged from 10.4 mg/L (104%) in July 2007 to 7.4 mg/L (85%) in September (Appendix D5). DO concentrations at the bottom ranged from a maximum of 10.1 mg/L (96%) in April to a minimum of 7.3 mg/L (83%) in September. SpC readings were low; measurements ranged from 10 to 13 μS/cm. Turbidity levels ranged from 0.0 NTU (± 5% of reading ± 1 NTU) to 11.7 NTU.

Station LB3. Surface water temperatures at Station LB3, located on the Lower Bear River Reservoir two-thirds of the distance from the dam to the upstream end of the reservoir, ranged from 14.2°C in October 2007 to 21.9°C in July 2007 (Figure C2-3). Bottom water temperatures ranged from 6.7°C in May 2007 to 18.8°C in August 2007. There was a weak thermocline at this station during July (8 meters BWS) but otherwise was not well defined during the study period. A coldwater pool (6-10°C) at the bottom was observed in May (9 meters thick), June (approximately 10 meters), and July (2 meters).

DO concentrations at LB3 at the mid-water depth ranged from 8.8 mg/L (102%) in June 2007 to 7.5 mg/L (86%) in September (Appendix D6). DO concentrations at the bottom ranged from 9.8 mg/L (100%) in June to 7.4 mg/L (84%) in September. SpC readings were low; measurements ranged from 10 to 14 μS/cm. Turbidity ranged from 0.0 NTU (± 5% of reading ± 1 NTU) to 9.2 NTU.

4.0 SUMMARY

Daily average water temperatures in the NFMR below Salt Springs Reservoir Dam at Stations NFMR2, NFMR4, and NFMR5 did not exceed the 20°C ERC coldwater objective during the 2007 monitoring period. NFMR3 reported 67 total days above 20°C. Daily average water temperatures did not exceed the 20°C ERC coldwater objective at the higher elevation stations on Blue Creek, Meadow Creek, Cole Creek, or the Bear River with the exception of the aforementioned eight days at Station BC1 when temperatures ranged from 20.1 to 20.4°C and one day in July at Station MC1 at 20.0°C[1].

Short duration gaps in water temperature data occurred at 2 monitoring locations (NFMR1 and CC1) due to vandalism or significantly reduced flows. The data gap at station NFMR1 occurs from June 9 to June 27, 2007 and the data gap at station CC1 occurs from September 2 to September 24, 2007.

Daily average water temperatures at the lowest altitude monitoring station (MR1) exceeded 20.0°C on 94 days in June, July, August, and September. Station MR1 is the lowest altitude water temperature monitoring station and is therefore subject 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.

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. Equipment failures during the May and June sampling at Salt Springs Reservoir limited the amount of water temperature profile data collected. In some instances, backup equipment allowed for discrete measurements to be taken instead of the continuous profile data.

5.0 REFERENCES

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Tables

Table 1. Mokelumne River Project, Continuous Stream Water Temperature Monitoring Station Locations, 2007.

Station No.	Station Location	Latitude	Longitude	Monitoring Period [e]
BC1[a]	Blue Creek below Upper Blue Lake Dam	38° 37' 39.850"	119° 56' 22.635"	6/1/07 – 9/30/07
BC2 [a]	Blue Creek below Lower Blue Lake Dam	38° 36' 28.459"	119° 55' 37.651"	6/1/07 – 9/30/07
MC1[a]	Meadow Creek below Twin Lake Dam	38° 36' 34.167"	119° 56' 41.580"	6/1/07 – 9/30/07
MC2[a]	Meadow Creek below Meadow Lake Dam	38° 35' 57.795"	119° 58' 33.683"	6/1/07 – 9/30/07
NFMR1[b]	NFMR above Salt Springs Reservoir	38° 29' 52.983"	120° 08' 26.815"	4/1/07 –9/30/07
NFMR2[a]	NFMR below Salt Springs Reservoir Dam	38° 29' 47.971"	120° 13' 05.578"	4/1/07 –9/30/07
CC0[a]	Cole Creek below Diversion Dam	38° 30' 55.895"	120° 12' 57.215"	6/1/07 – 9/30/07
CC1[c]	Cole Creek above confluence of NFMR	38° 29' 13.209"	120° 14' 25.626"	4/1/07 –9/30/07
BR1[a]	Bear River below Dam	38° 32' 14.640"	120° 15' 25.200"	6/1/07 – 9/30/07
BR2 [c]	Bear River at Salt Springs Road	38° 29' 35.565"	120° 17' 21.275"	4/1/07 –9/30/07
NFMR3 [b]	NFMR above Tiger Creek Afterbay at Licensee Gage M-38 [d]	38° 26' 47.859"	120° 29' 25.940"	4/1/07 –9/30/07
TC1[a]	Tiger Creek below Tiger Creek Regulator Dam	38° 28' 30.144"	120° 27' 11.484"	4/1/07 –9/30/07
NFMR4 [b]	NFMR below Tiger Creek Afterbay Dam	38° 26' 19.529"	120° 30' 21.070"	4/1/07 –9/30/07
NFMR5 [b]	NFMR in diversion canal at Electra Diversion Dam	38° 25' 14.759"	120° 32' 56.495"	4/1/07 –9/30/07
MR1 [b]	Mokelumne River above Electra Powerhouse	38° 19' 53.130"	120° 40' 05.765"	4/1/07 –9/30/07

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.

Table 2. Mokelumne River Project, Salt Springs Reservoir and Lower Bear River Reservoir Water Temperature Profile Station Locations, 2007.

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

Table 3. Mokelumne River Project, Monthly Average, Minimum, and Maximum Daily Average Water Temperatures and, Number of Daily Average Water Temperatures Greater Than, and Less Than or Equal To 20ºC by Station and Month by Station and Month, 2007.

Station		Month	Mean daily Water Temperature (°C)				
			Average	Minimum	Maximum	Days > 20°C	Days ≤ 20°C
Blue Creek below Upper Blue Lake[1,2]	BC1	June	14.7	10.4	17.3	0	30
		July	19.3	17.2	20.3	5	26
		August	18.2	16.8	20.4	3	28
		September	15.5	11.2	18.3	0	24
Blue Creek below Lower Blue Lake[1,2]	BC2	June	7.7	5.9	11.5	0	30
		July	16.1	11.8	18.8	0	31
		August	18.1	17.2	19.1	0	31
		September	15.9	12.1	18.1	0	24
Bear River below Lower Bear River Reservoir[1]	BR1	April	5	4.5	5.5	0	30
		May	6.3	4.9	7.7	0	31
		June	8.8	6.5	9.7	0	30
		July	9.1	8.4	11.3	0	31
		August	9	8.3	10	0	31
		September	8.6	6.8	10	0	25
Bear River below Salt Springs Road	BR2	April	7.3	4.4	9.8	0	30
		May	10.2	5.9	12.8	0	31
		June	13.8	9.3	15.5	0	30
		July	16.6	14.7	17.9	0	31
		August	15.7	14.2	17.4	0	31
		September	13.6	9.6	17.3	0	24
Cole Creek below Project Diversion[1]	CC0	June	14.7	8.7	16.9	0	30
		July	18.3	16.2	19.4	0	31
		August	17	15.9	18.5	0	31
		September	13.9	9.3	17.7	0	25
Cole Creek above the confluence with the NFMR	CC1	April	6.8	3.9	9.3	0	30
		May	10.2	5.3	14.3	0	31
		June	14.5	10.2	15.8	0	30
		July	16.6	15.3	17.5	0	31
		August	16.9	15.8	18.2	0	31
		September[3]	12.5	10.5	18.0	0	7
Meadow Creek below Twin Lake[1]	MC1	June	15.1	11.3	17.6	0	30
		July	18.9	17.3	20	1	30
		August	17.5	15.8	19.6	0	31
		September	14.7	8.8	17.8	0	24

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Because analyzed data in the respective monitoring reports is rounded, the data presented here may not appear consistent. For this table, a calculated daily mean temperature of 19.99°C should round to 20°C and is tabulated as ≤20°C; however, a value of 20.01°C which should also round to 20°C is tabulated as >20°C. 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).

[1] License compliance station
[2] Data was not collected for April and May
[3] Logger was found out of water upon monthly data retrieval

Table 3 (cont'd). **Mokelumne River Project, Monthly Average, Minimum, and Maximum Daily Average Water Temperatures and, Number of Daily Average Water Temperatures Greater Than, and Less Than or Equal To 20ºC by Station and Month by Station and Month, 2007.**

Station		Month	Mean daily Water Temperature (°C)				
			Average	Minimum	Maximum	Days > 20°C	Days ≤ 20°C
Meadow Creek below Meadow Lake[1]	MC2	June	7.3	6.6	8.4	0	30
		July	11.2	8.5	15.9	0	31
		August	17.5	16.2	18	0	31
		September	15.5	11.2	17.6	0	24
Mokelumne River above Electra Powerhouse	MR1	April	12.7	10	16.8	0	30
		May	16.1	11.9	18.3	0	31
		June	20.5	16.6	22.7	18	12
		July	24.1	21.6	26	31	0
		August	23.3	21.7	25.5	31	0
		September	20.4	15.8	25.1	14	11
NFMR above Salt Springs Reservoir	NFMR1	April	5.8	3.2	8	0	30
		May	9.3	5.3	12	0	19
		June[3]	13.6	9.1	17.9	0	11
		July	19.7	17.7	20.5	12	19
		August	19.1	17.9	20.3	7	24
		September	16.1	10.7	19.5	0	24
NFMR below Salt Springs Reservoir[1]	NFMR2	April	7.3	7	7.9	0	30
		May	8.3	7.4	9.1	0	31
		June	9.5	8.5	10	0	30
		July	11.2	10.5	11.7	0	31
		August	11.3	11	11.7	0	31
		September	11.4	11	11.7	0	24
NFMR above Tiger Creek Afterbay at Gage M-38	NFMR3	April	9.9	6.5	13.3	0	30
		May	13.8	8.4	17	0	31
		June	18.3	13.2	20.4	6	24
		July	22.4	19.9	24.3	30	1
		August	21.1	19.4	22.9	28	3
		September	17	12.2	21.9	6	24
NFMR below Tiger Creek Afterbay	NFMR4	April	10.2	7.2	13.8	0	30
		May	12.2	8.9	14.7	0	31
		June	13.3	11	14.5	0	30
		July	11.9	11.3	13.1	0	31
		August	12.2	11.6	13.9	0	31
		September	13.6	12.1	15.3	0	25

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Because analyzed data in the respective monitoring reports is rounded, the data presented here may not appear consistent. For this table, a calculated daily mean temperature of 19.99°C should round to 20°C and is tabulated as ≤20°C; however, a value of 20.01°C which should also round to 20°C is tabulated as >20°C. 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).

[1] License compliance station
[2] Data was not collected for April and May
[3] Logger was found out of water upon monthly data retrieval

Table 3 (cont'd). **Mokelumne River Project, Monthly Average, Minimum, and Maximum Daily Average Water Temperatures and, Number of Daily Average Water Temperatures Greater Than, and Less Than or Equal To 20ºC by Station and Month by Station and Month, 2007.**

Station		Month	Mean daily Water Temperature (°C)				
			Average	Minimum	Maximum	Days > 20°C	Days ≤ 20°C
NFMR at the Electra Diversion Dam	NFMR5	April	10.7	7.6	14.4	0	30
		May	13.0	9.6	15.3	0	31
		June	15.0	12.1	16.8	0	30
		July	15.8	15.0	16.5	0	26
		August	15.5	14.8	16.8	0	31
		September	15.5	13.2	17.1	0	25
Tiger Creek below Tiger Creek Regulator Dam[1]	TC1	April	7.9	6.3	9.0	0	30
		May	9.5	8.8	10.9	0	31
		June	10.1	9.4	10.5	0	30
		July	10.0	9.6	10.4	0	31
		August	11.4	10.5	13.2	0	31
		September	13.3	11.4	14.8	0	25

*NOTE: The number of days >20°C was tabulated using an "IF-THEN" type query. Because analyzed data in the respective monitoring reports is rounded, the data presented here may not appear consistent. For this table, a calculated daily mean temperature of 19.99°C should round to 20°C and is tabulated as ≤20°C; however, a value of 20.01°C which should also round to 20°C is tabulated as >20°C. 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).

[1] License compliance station
[2] Data was not collected for April and May
[3] Logger was found out of water upon monthly data retrieval

Figures

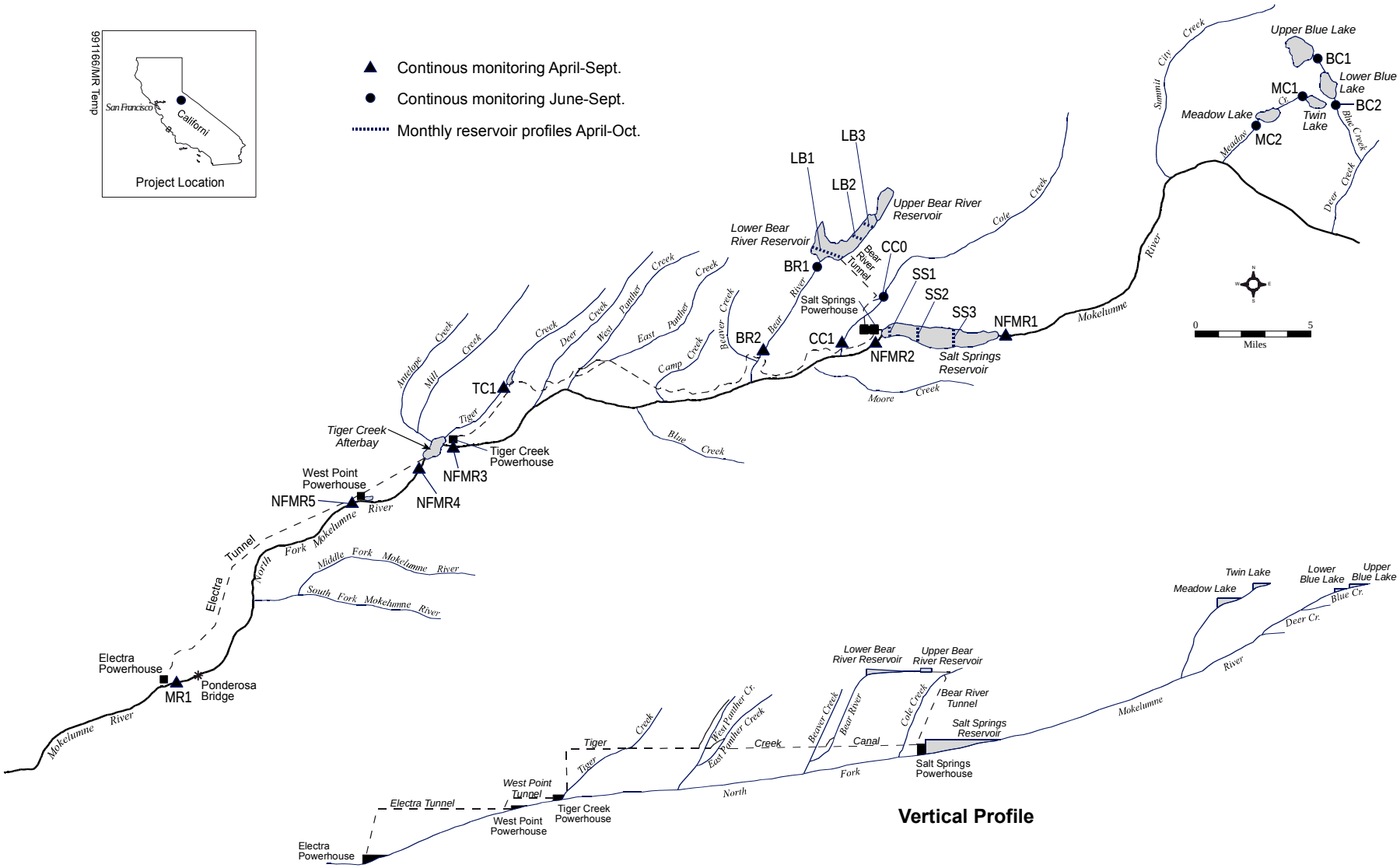


Figure 1. Mokelumne River Project (FERC Project No. 137), Stream and Reservoir Water Temperature Monitoring Stations, 2007.

Appendix A

Mokelumne River Project (FERC Project No. 137)

2007 Water Temperature Monitoring Program

Water Temperature Figures

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

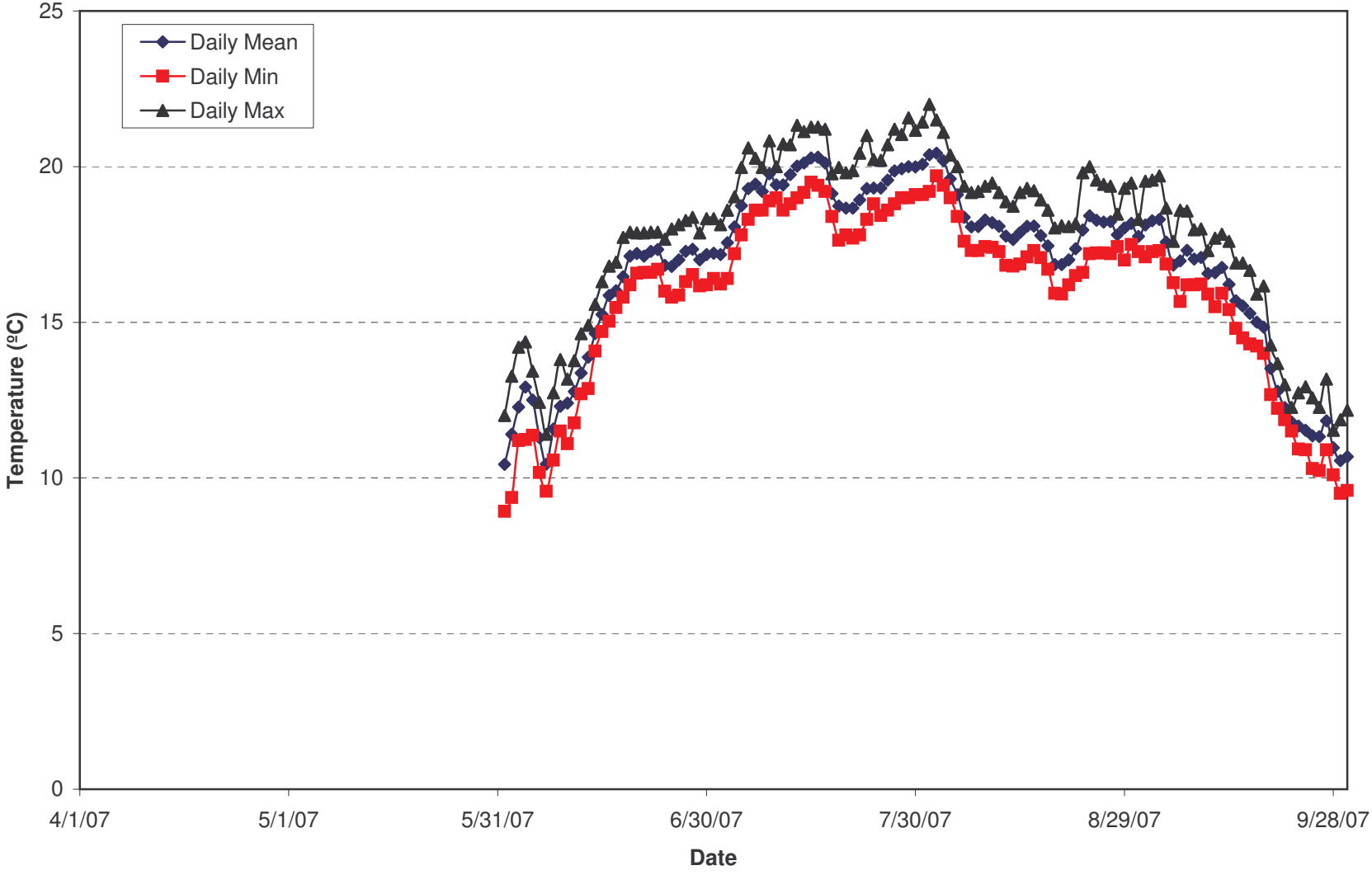


Figure A1-2
Station BC2 - Blue Creek below Lower Blue Lake Daily Average, Minimum, and Maximum Water Temperature (ºC)

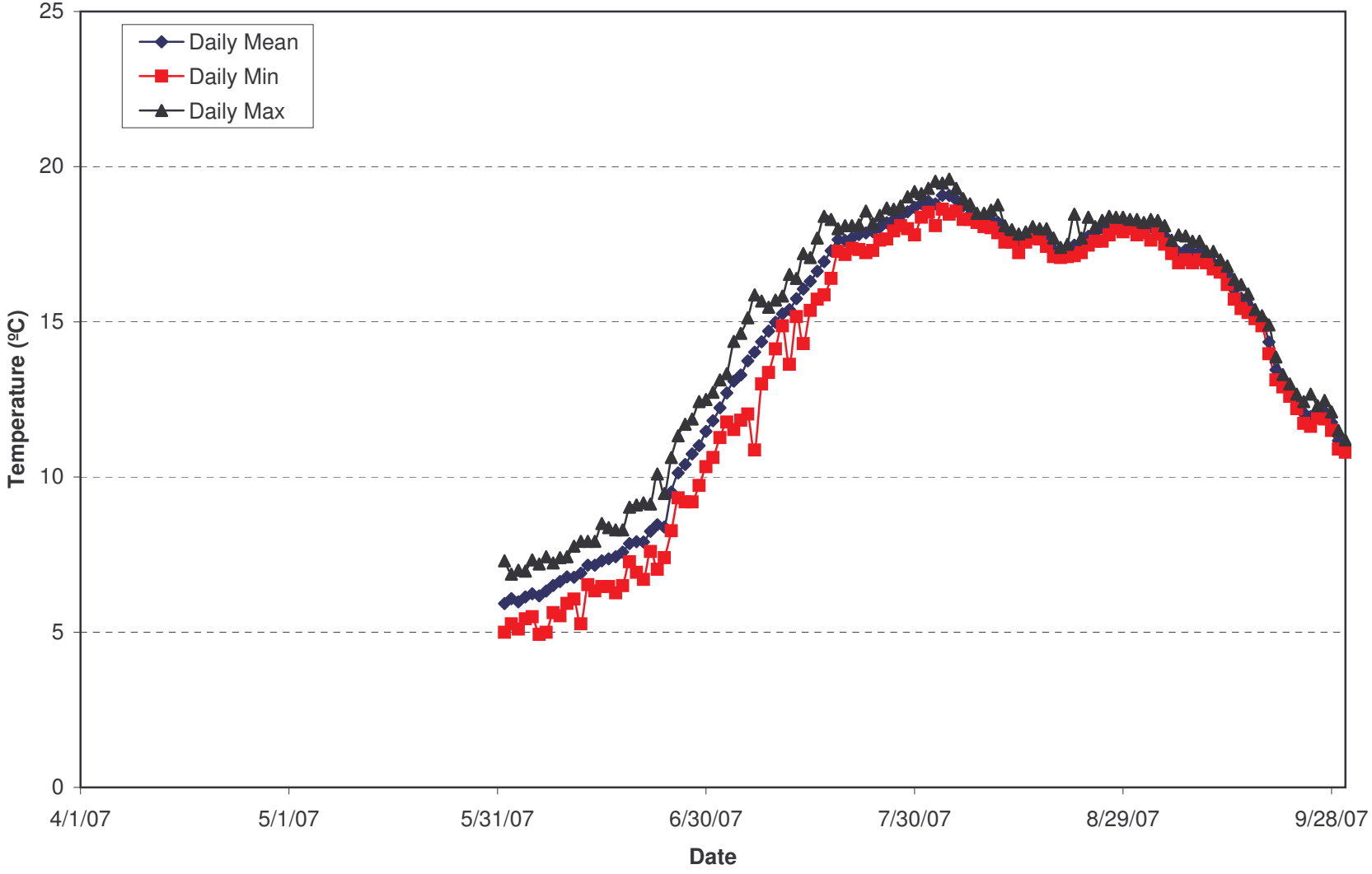


Figure A1-3
Station MC1 - Meadow Creek below Twin Lake
Daily Average, Minimum, and Maximum Water Temperature (ºC)

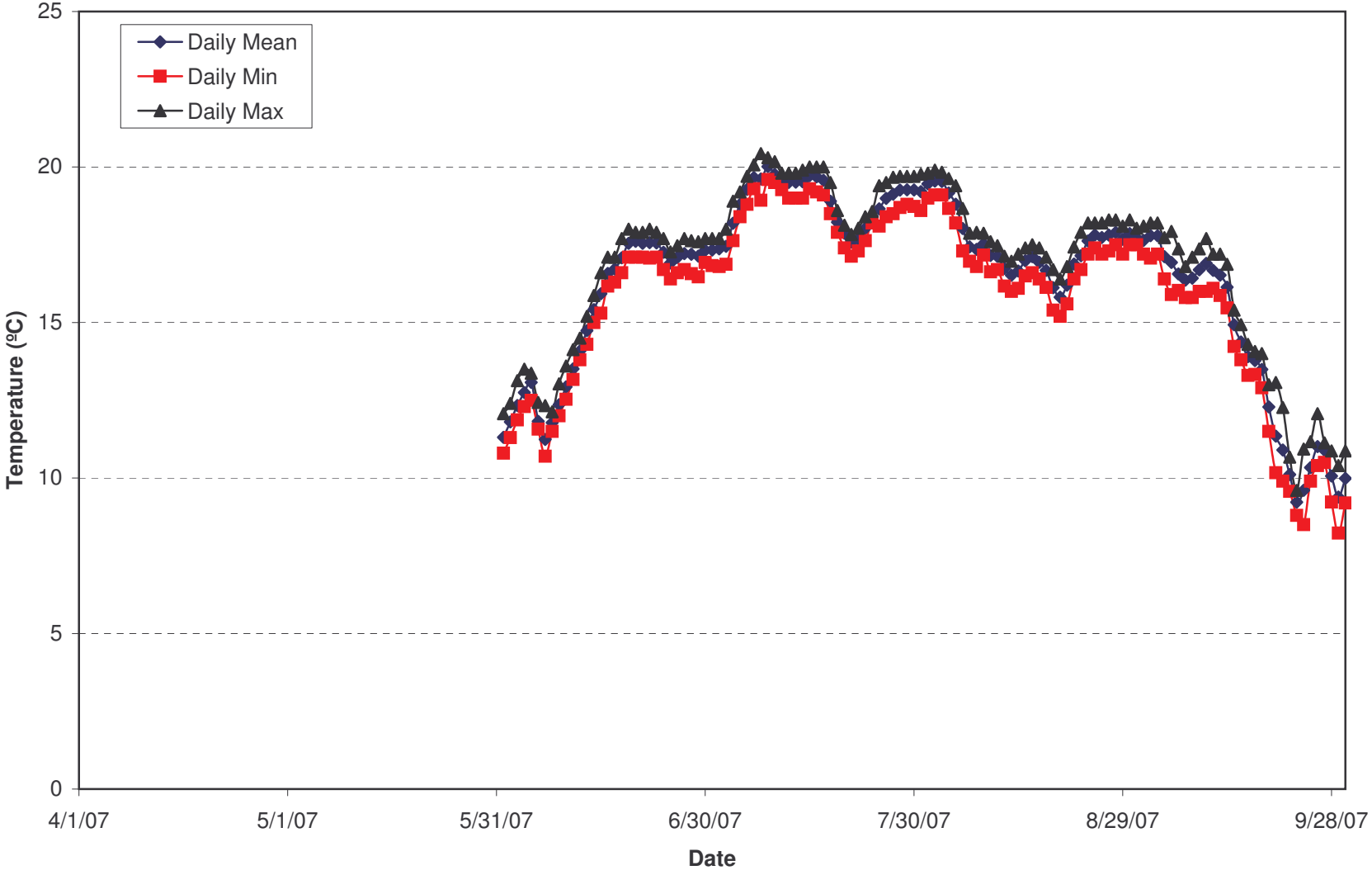


Figure A1-4
Station MC2 - Meadow Creek below Meadow Lake
Daily Average, Minimum, and Maximum Water Temperature (ºC)

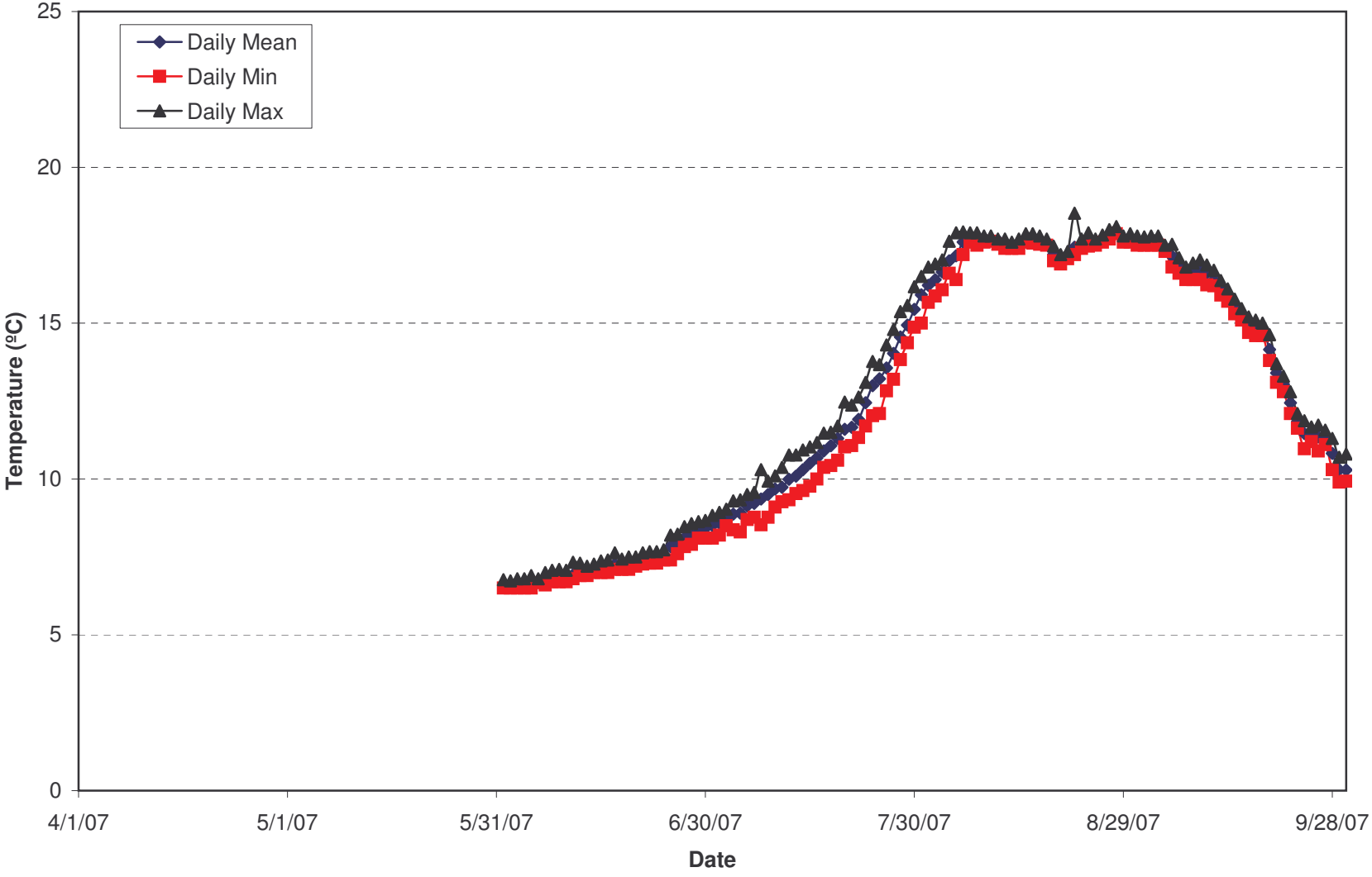


Figure A1-5
Station NFMR1 - North Fork Mokelumne River above Salt Springs Reservoir
Daily Average, Minimum, and Maximum Water Temperature (ºC)

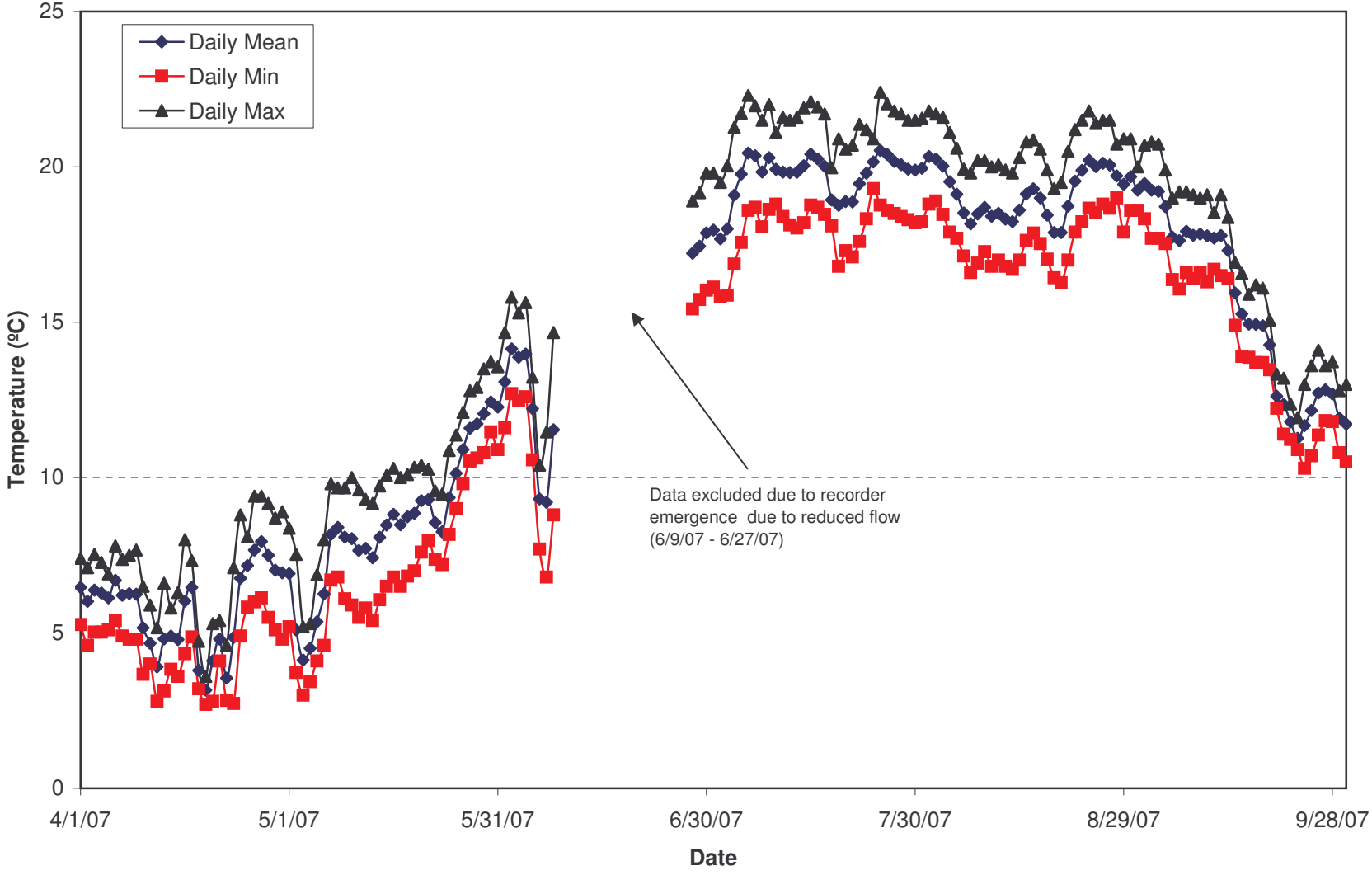


Figure A1-6
Station NFMR2 - North Fork Mokelumne River below Salt Springs Reservoir
Daily Average, Minimum, and Maximum Water Temperature (ºC)

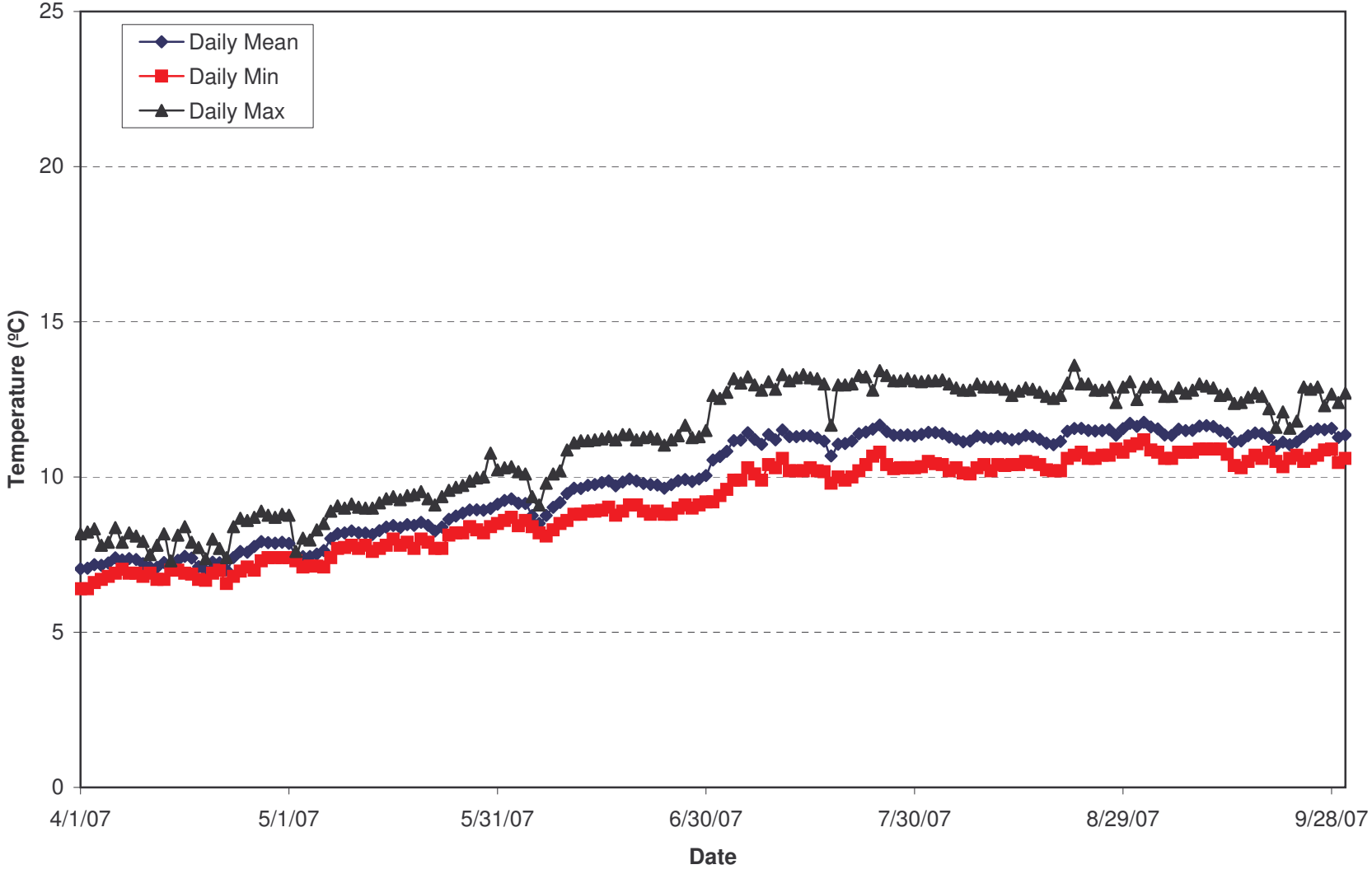


Figure A1-7
Station CC0 - Cole Creek below Project Diversion
Daily Average, Minimum, and Maximum Water Temperature (ºC)

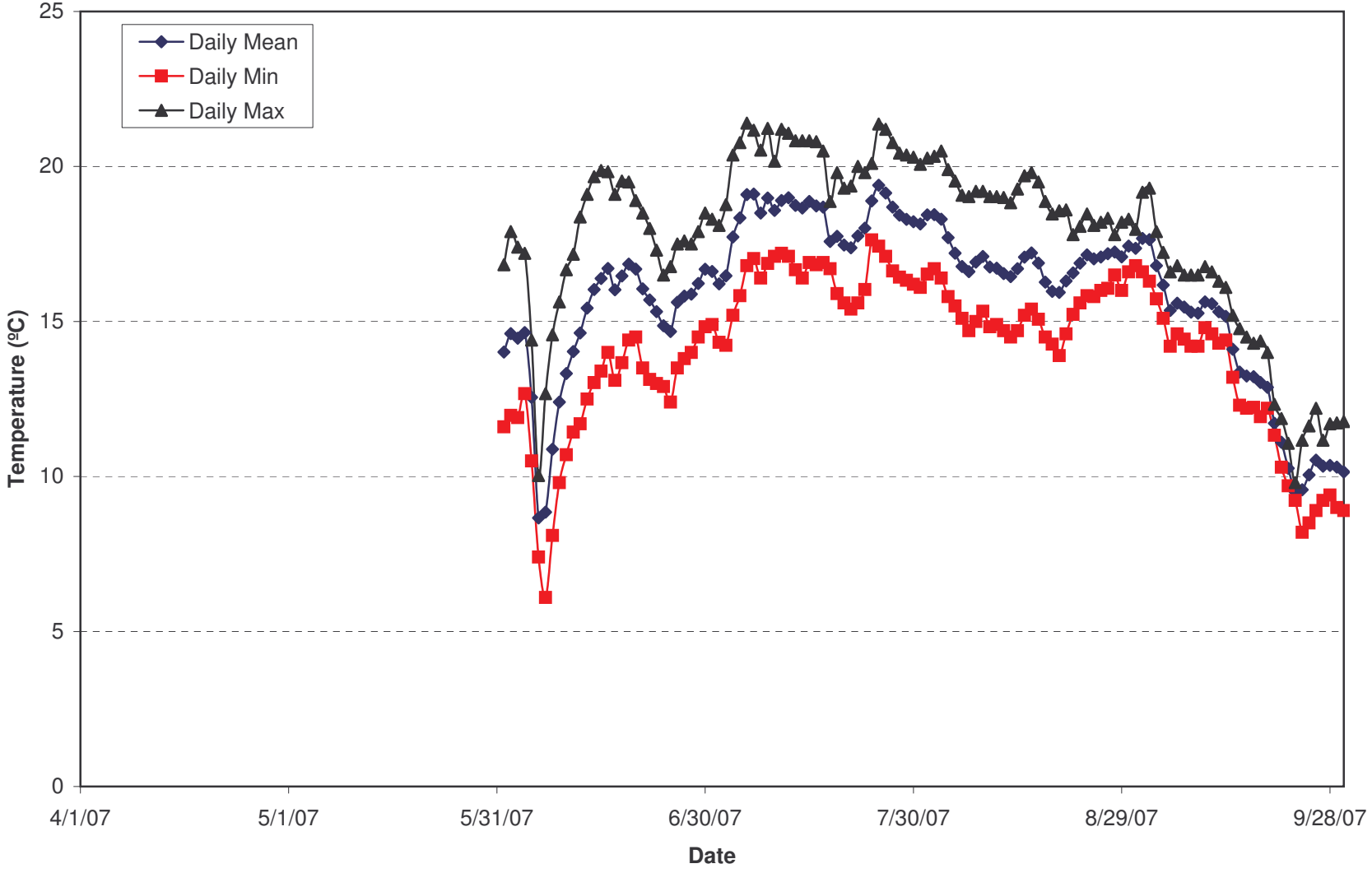


Figure A1-8
Station CC1 - Cole Creek above the confluence with the North Fork Mokelumne River
Daily Average, Minimum, and Maximum Water Temperature (ºC)

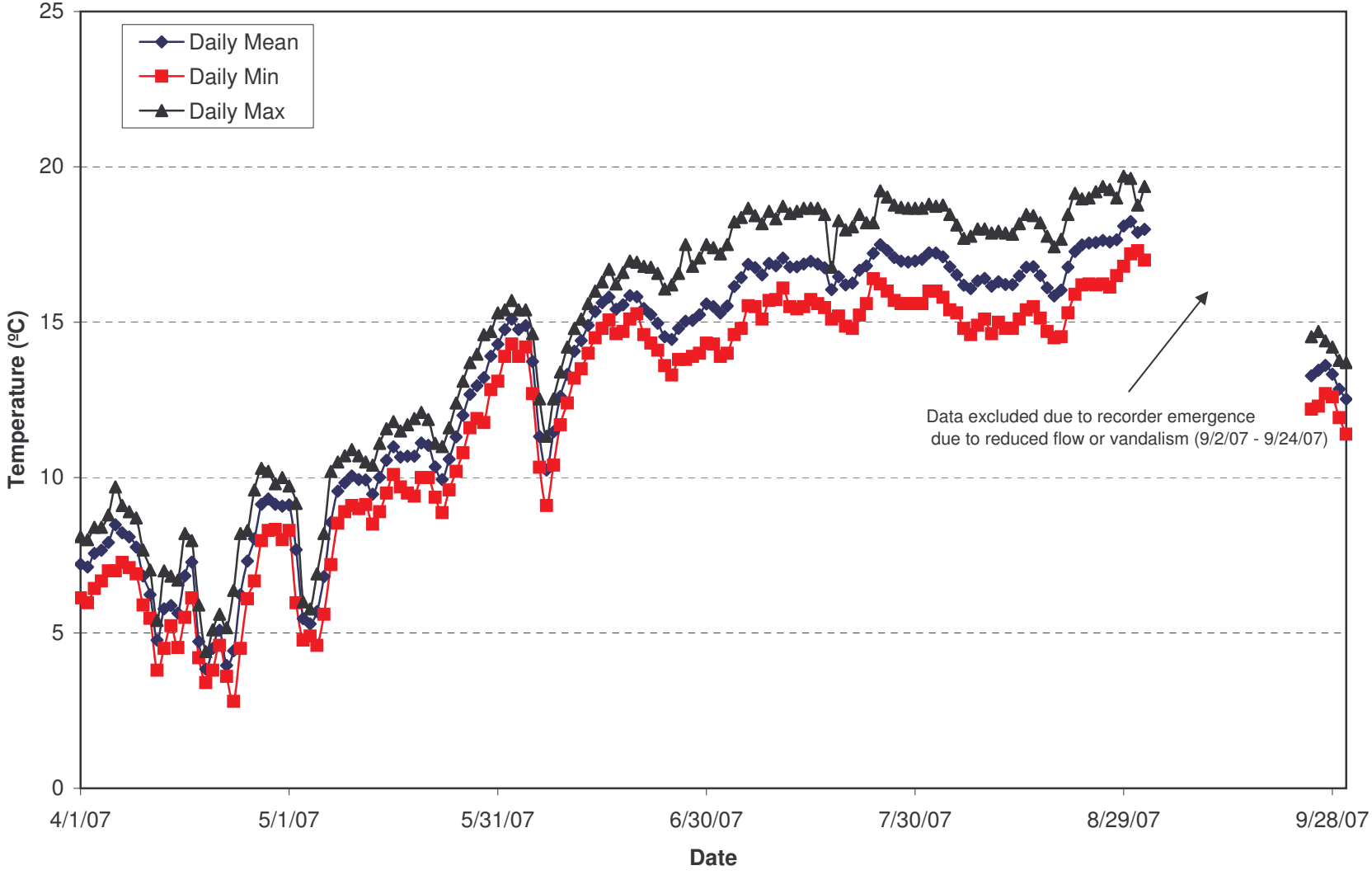


Figure A1-9
Station BR1 - Bear River below Lower Bear River Reservoir
Daily Average, Minimum, and Maximum Water Temperature (ºC)

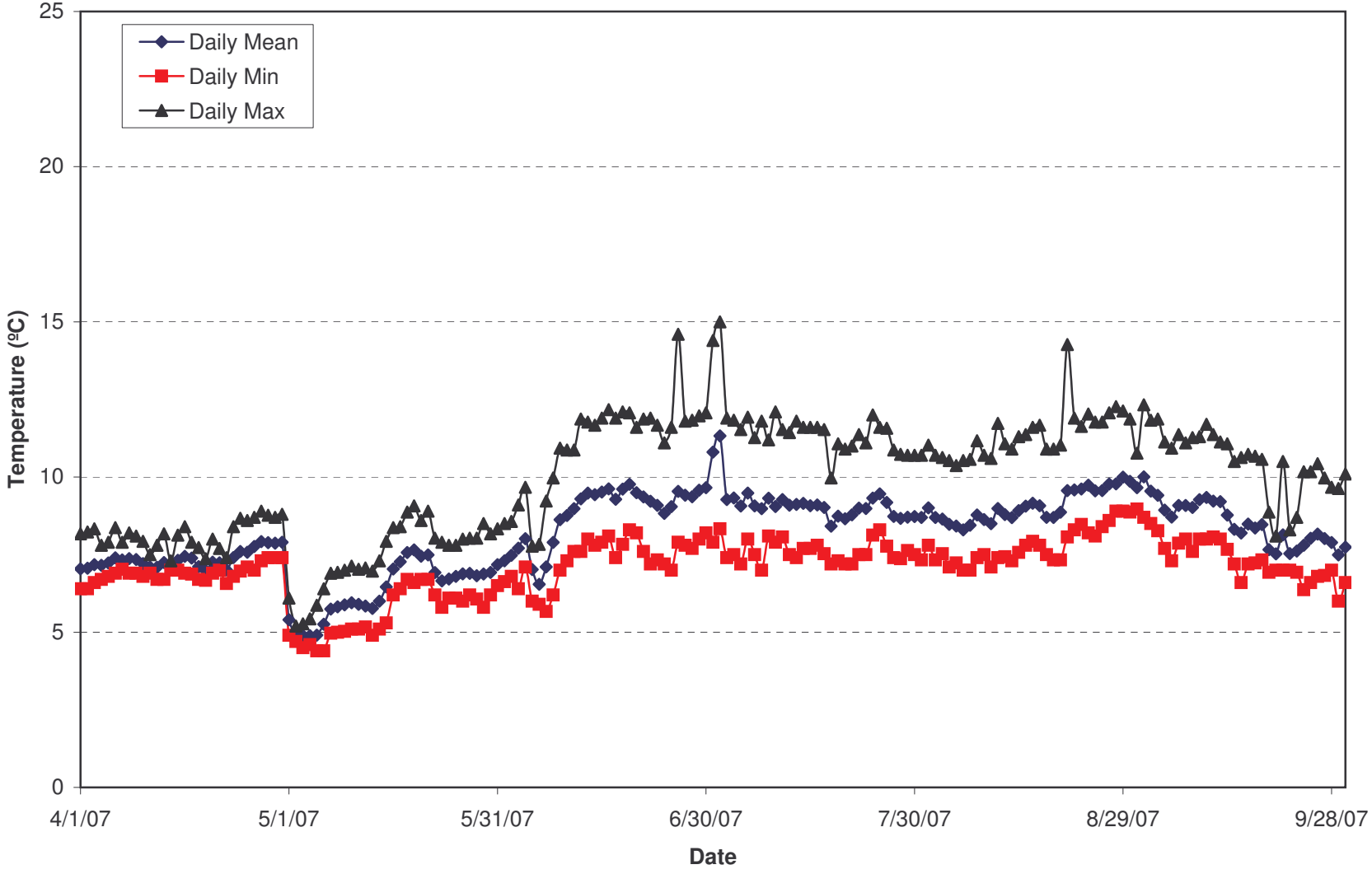


Figure A1-10
Station BR2 - Bear River below Salt Springs Road
Daily Average, Minimum, and Maximum Water Temperature (ºC)

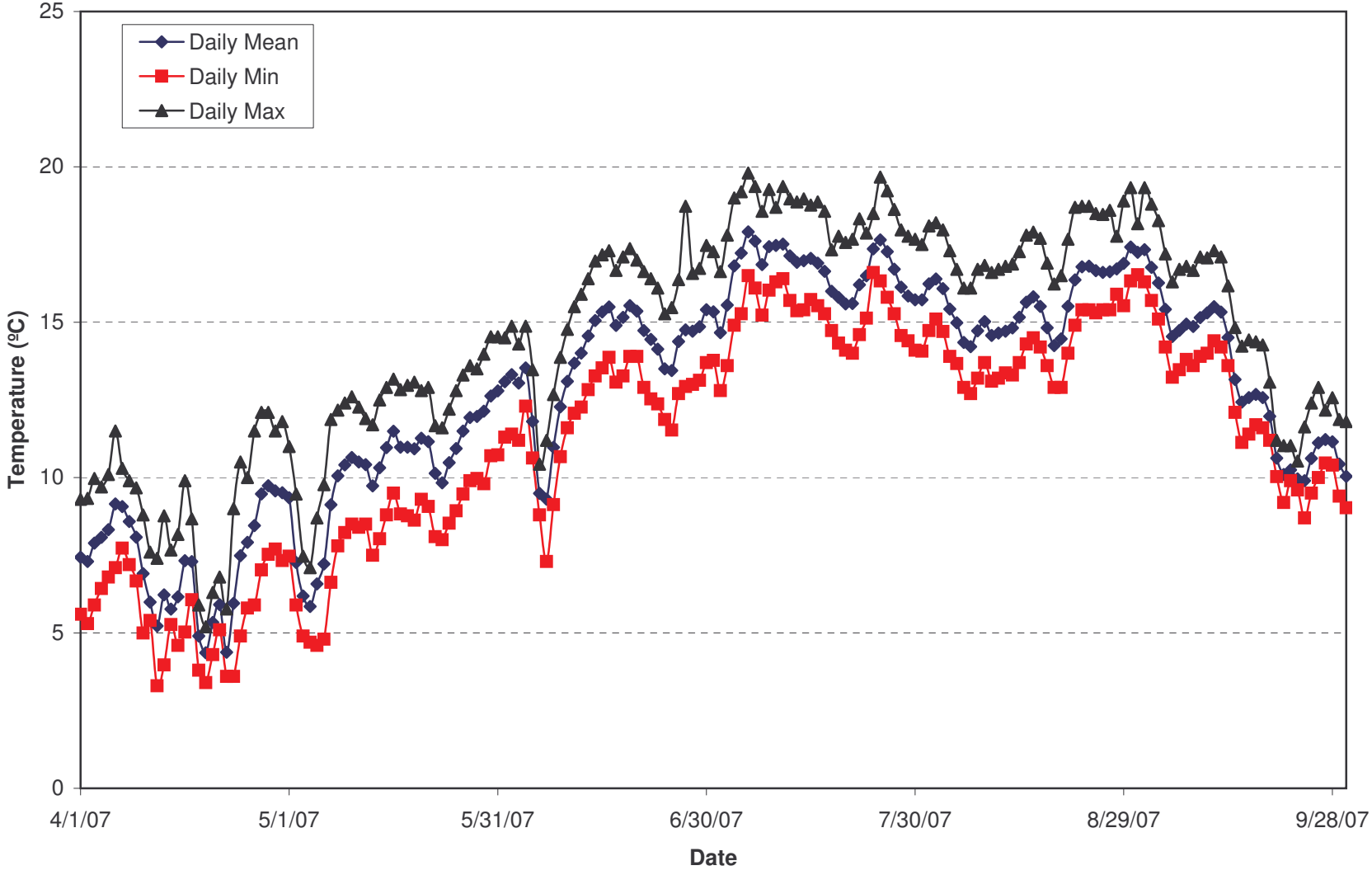


Figure A1-11
Station NFMR3 - North Fork Mokelumne River above Tiger Creek Afterbay at Gage M-38
Daily Average, Minimum, and Maximum Water Temperature (ºC)

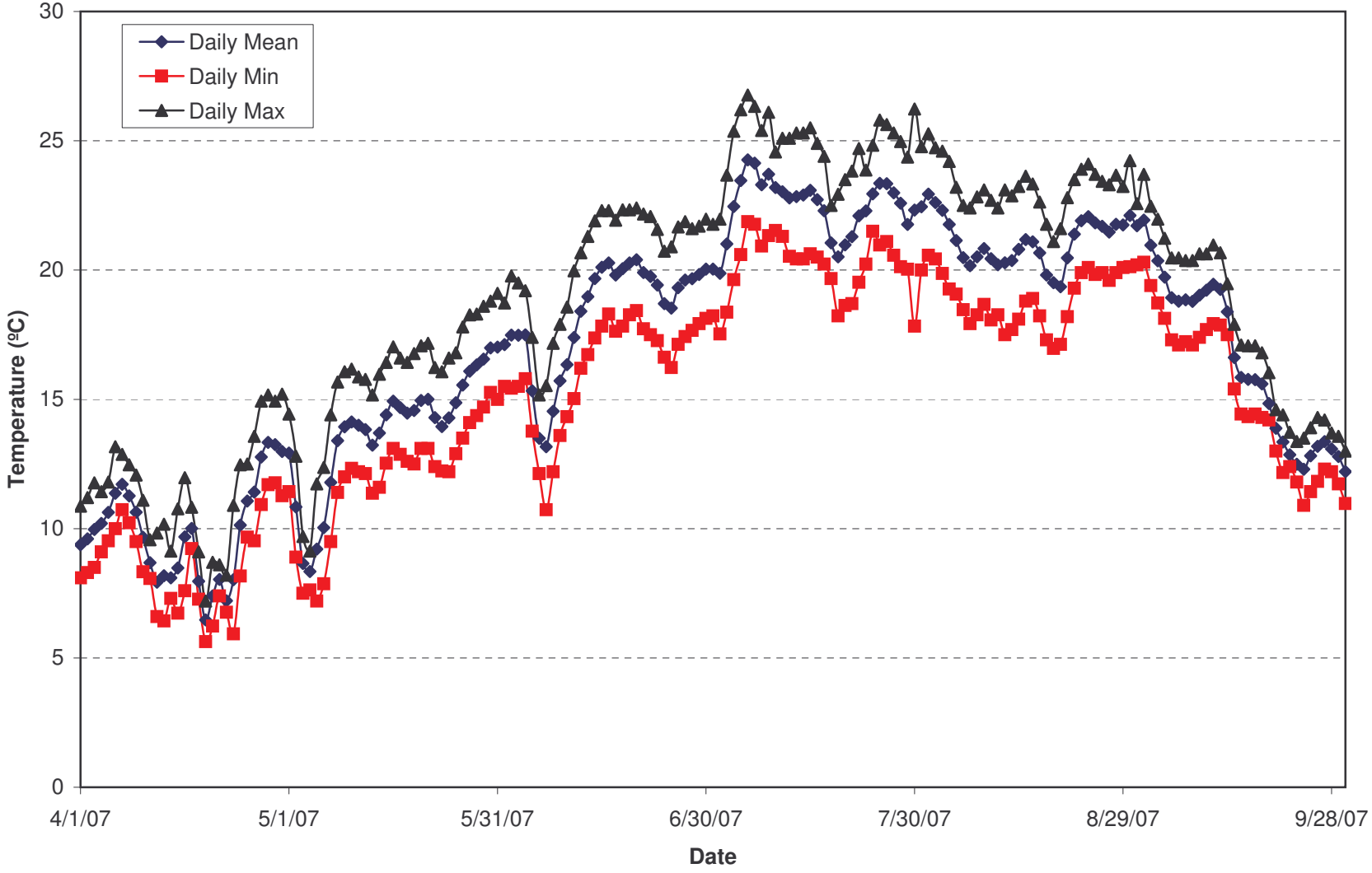


Figure A1-12
Station TC1 - Tiger Creek below Tiger Creek Regulator Dam
Daily Average, Minimum, and Maximum Water Temperature (ºC)

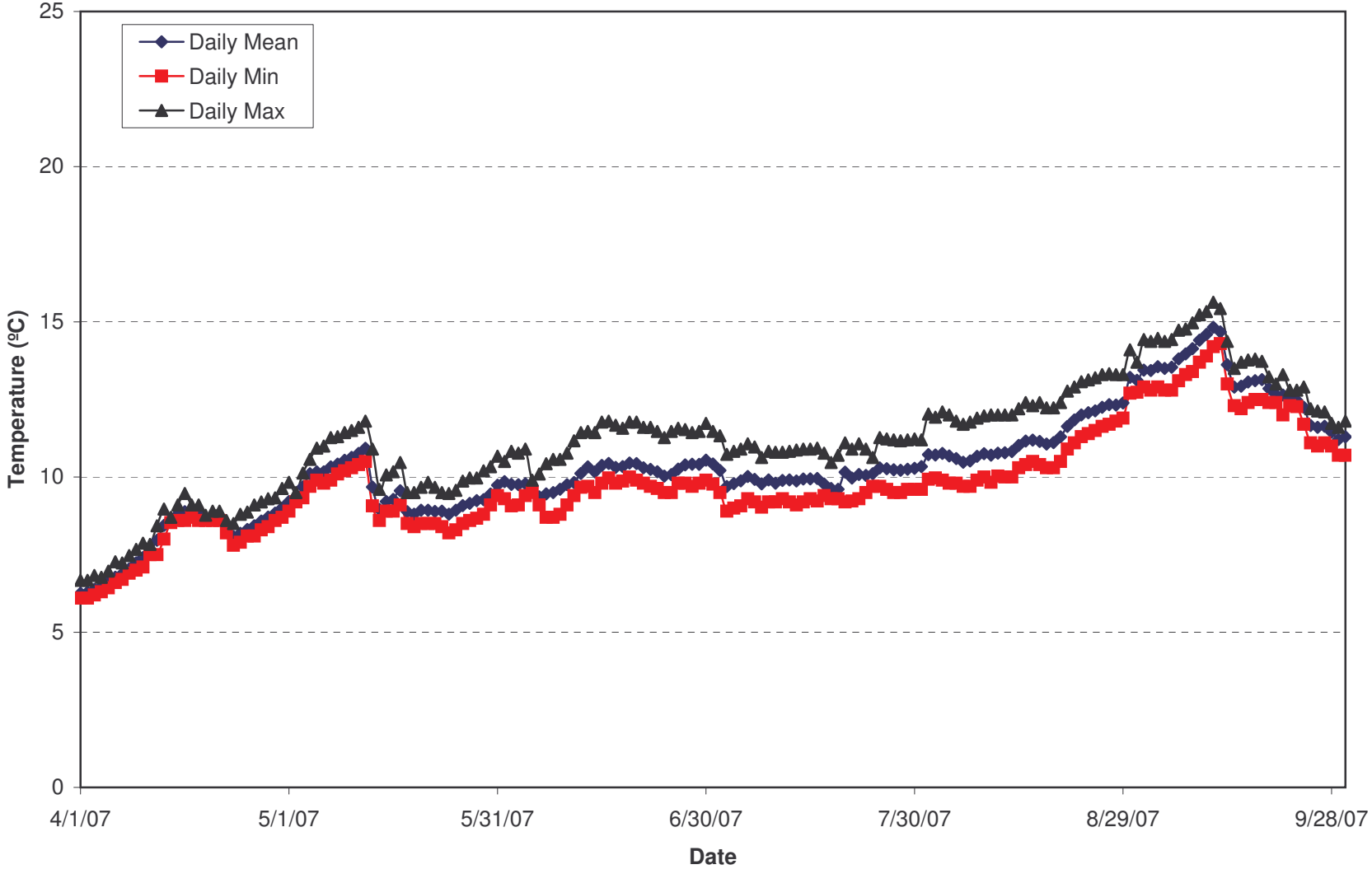


Figure A1-13
Station NFMR4 - North Fork Mokelumne River below Tiger Creek Afterbay
Daily Average, Minimum, and Maximum Water Temperature (ºC)

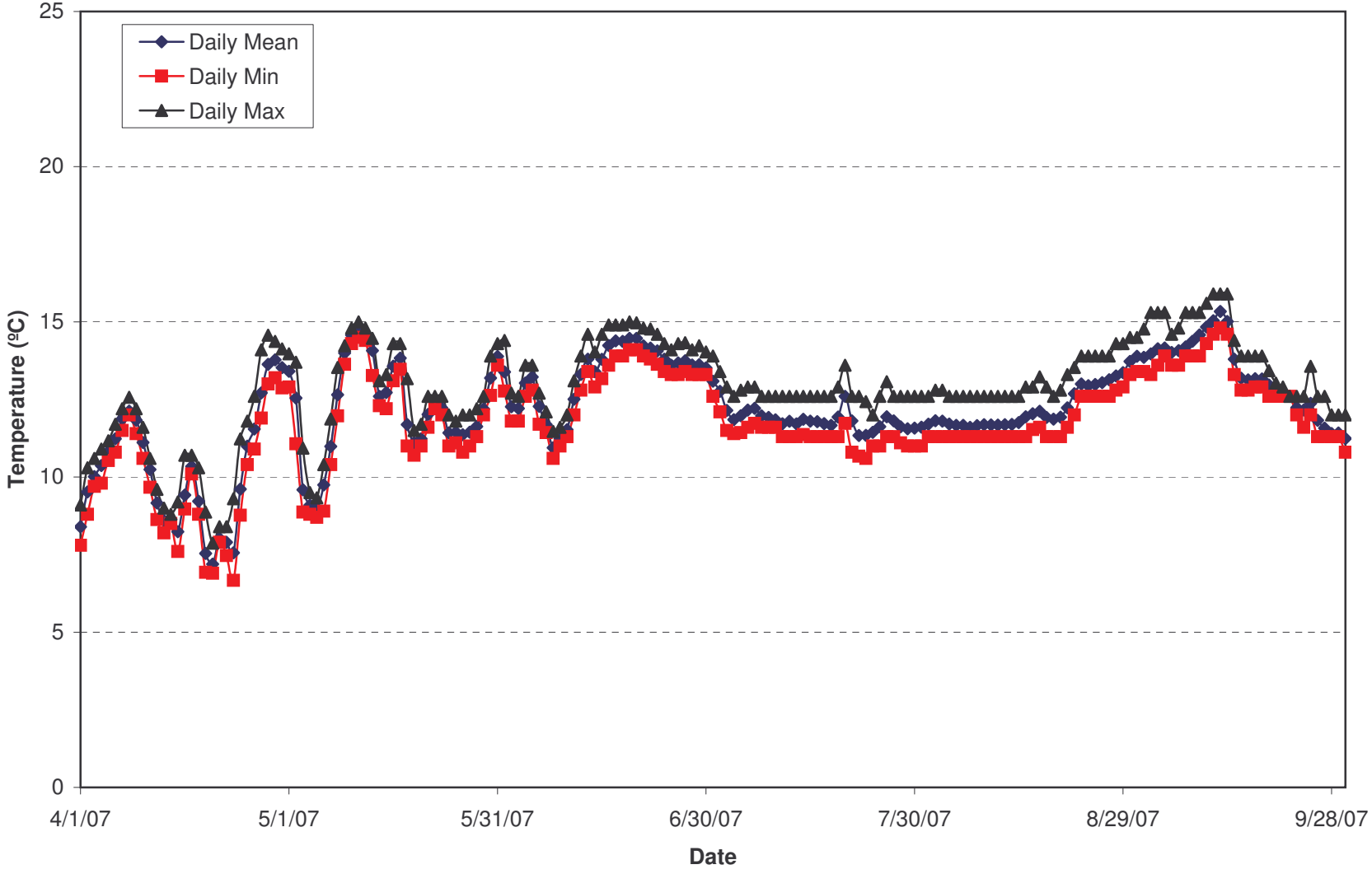


Figure A1-14
Station NFMR5 - North Fork Mokelumne River at Electra Diversion Dam
Daily Average, Minimum, and Maximum Water Temperature (ºC)

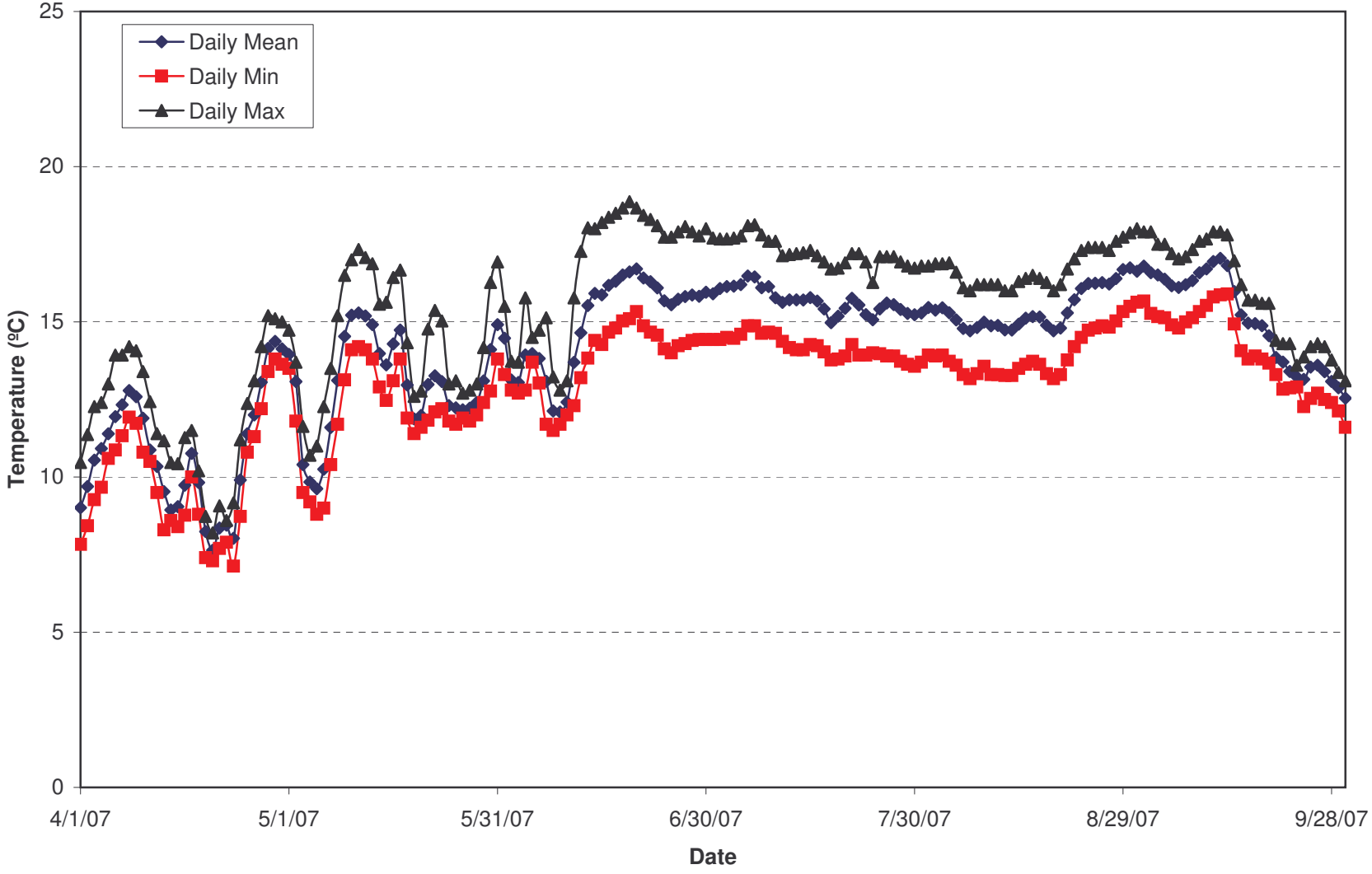


Figure A1-15
Station MR1 - Mokelumne River above Electra Powerhouse
Daily Average, Minimum, and Maximum Water Temperature (ºC)

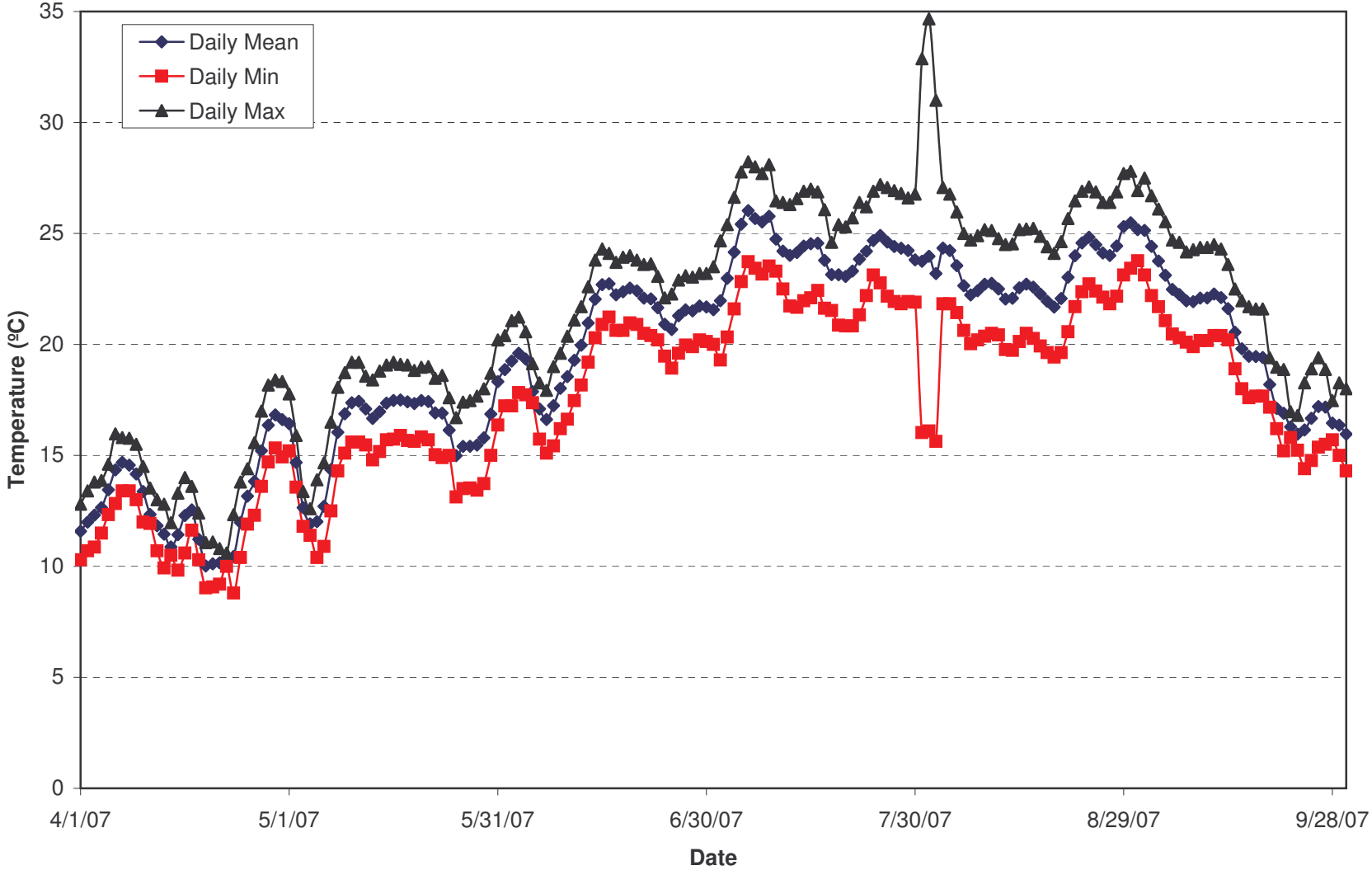


Figure A2-1
Station BC1 - Blue Creek below Upper Blue Lake
Daily Average Water Temperature (ºC), Daily Average Air Temperature (ºC), and Daily Average Flow (cfs)
CDEC Air Temp Station BLK - Blue Lakes, Flow Data M66 (data is provisional and uncorrected)

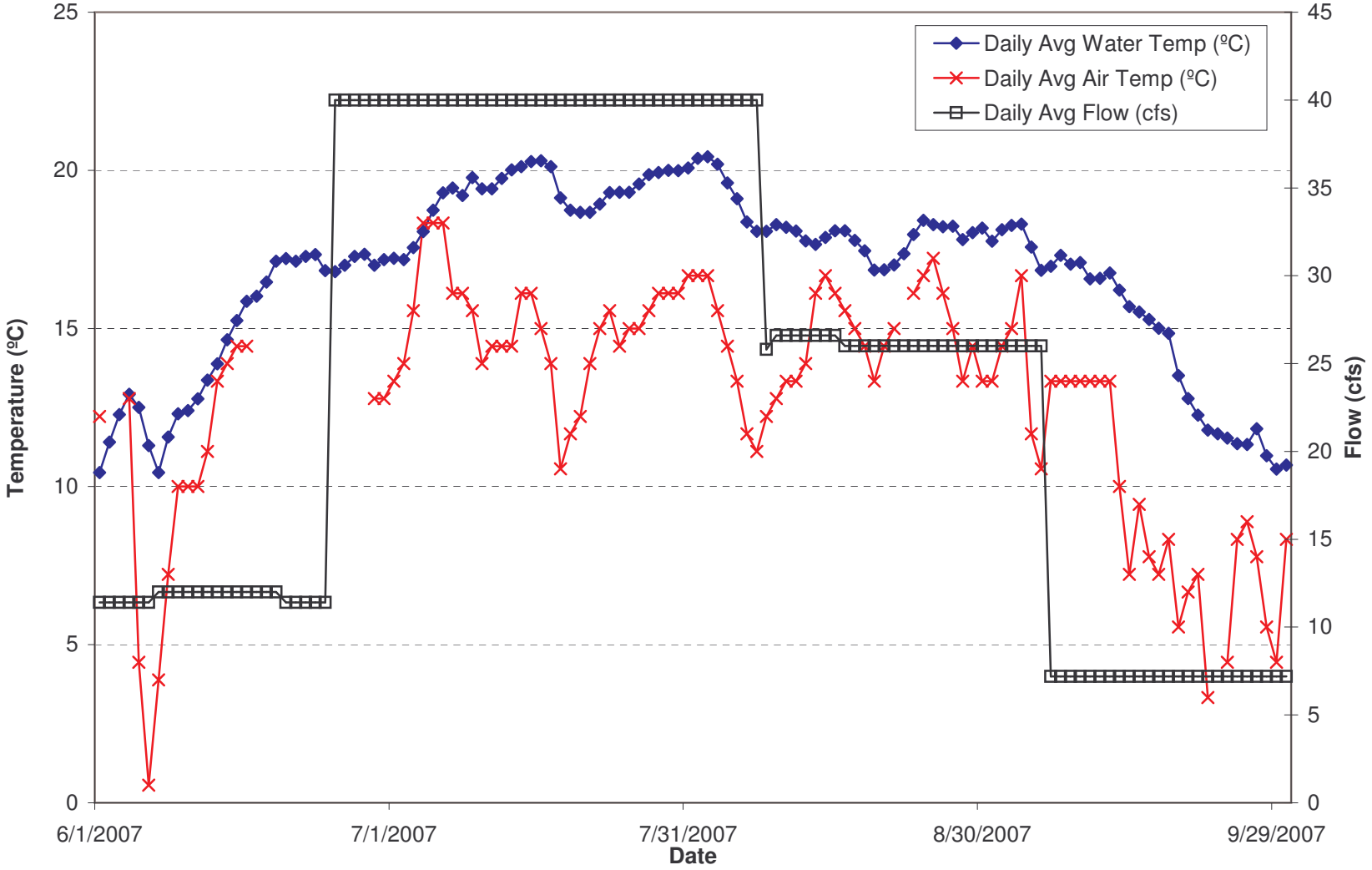


Figure A2-2
Station BC2 - Blue Creek below Lower Blue Lake
Daily Average Water Temperature (ºC), Daily Average Air Temperature (ºC), and Daily Average Flow (cfs)

CDEC Air Temp Station BLK - Blue Lakes, Flow Data M3 (data is provisional and uncorrected)

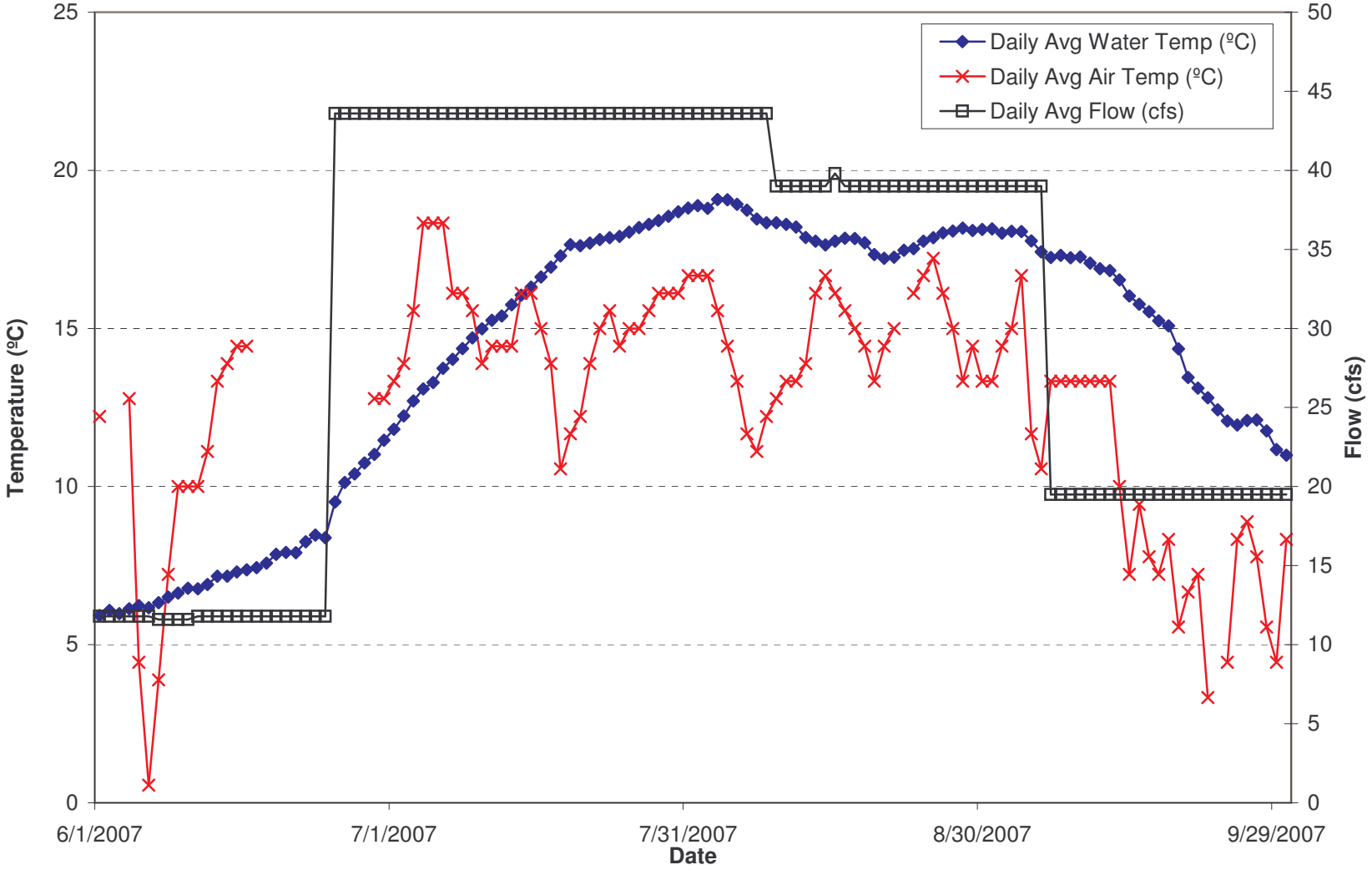


Figure A2-3
Station MC1 - Meadow Creek below Twin Lake
Daily Average Water Temperature (ºC), Daily Average Air Temperature (ºC), and Daily Average Flow (cfs)
CDEC Air Temp Station BLK - Blue Lakes, Flow Data M68 (data is provisional and uncorrected)

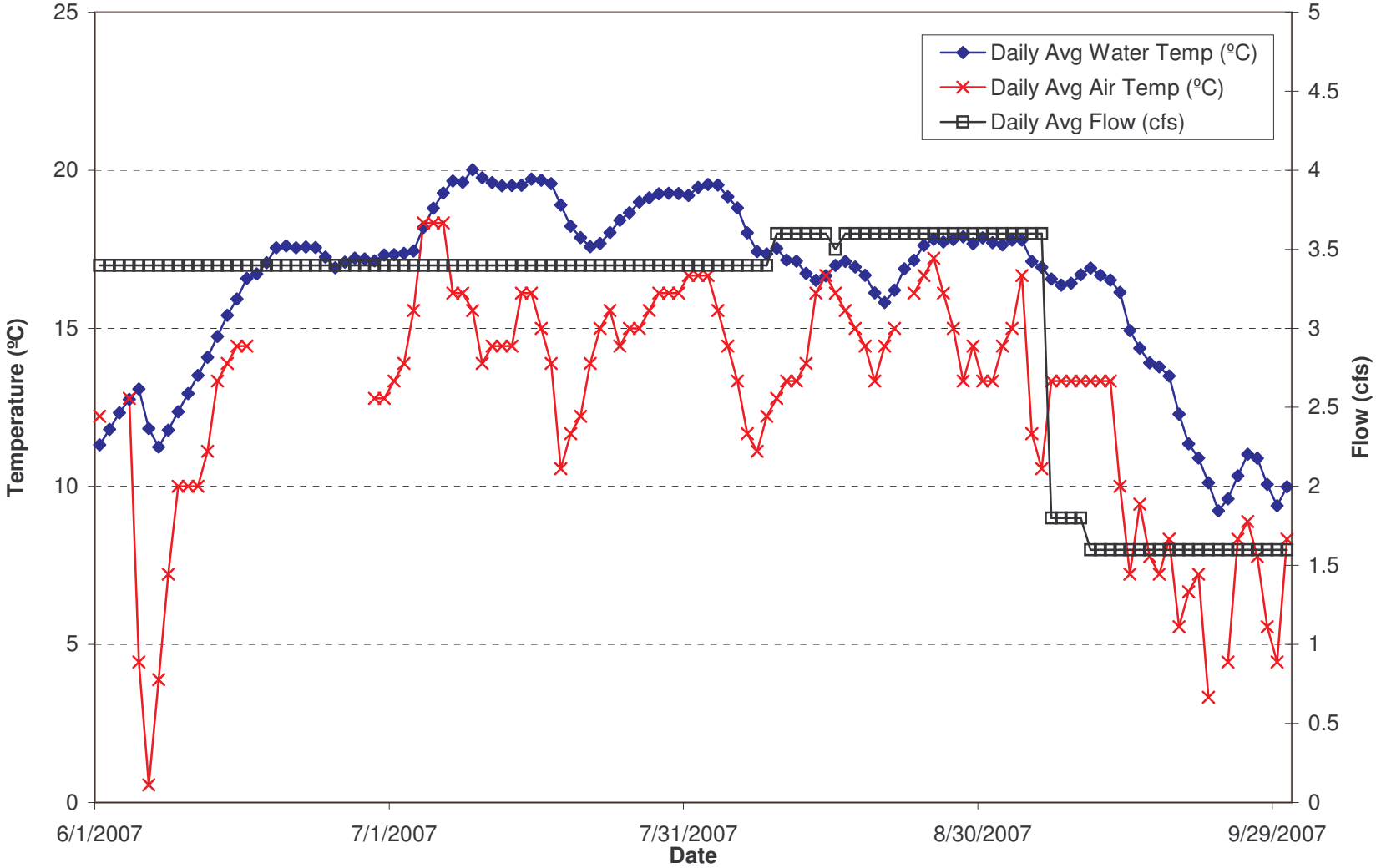


Figure A2-4
Station MC2 - Meadow Creek below Meadow Lake
Daily Average Water Temperature (ºC), Daily Average Air Temperature (ºC), and Daily Average Flow (cfs)
CDEC Air Temp Station BLK - Blue Lakes, Flow Data M68 (data is provisional and uncorrected)

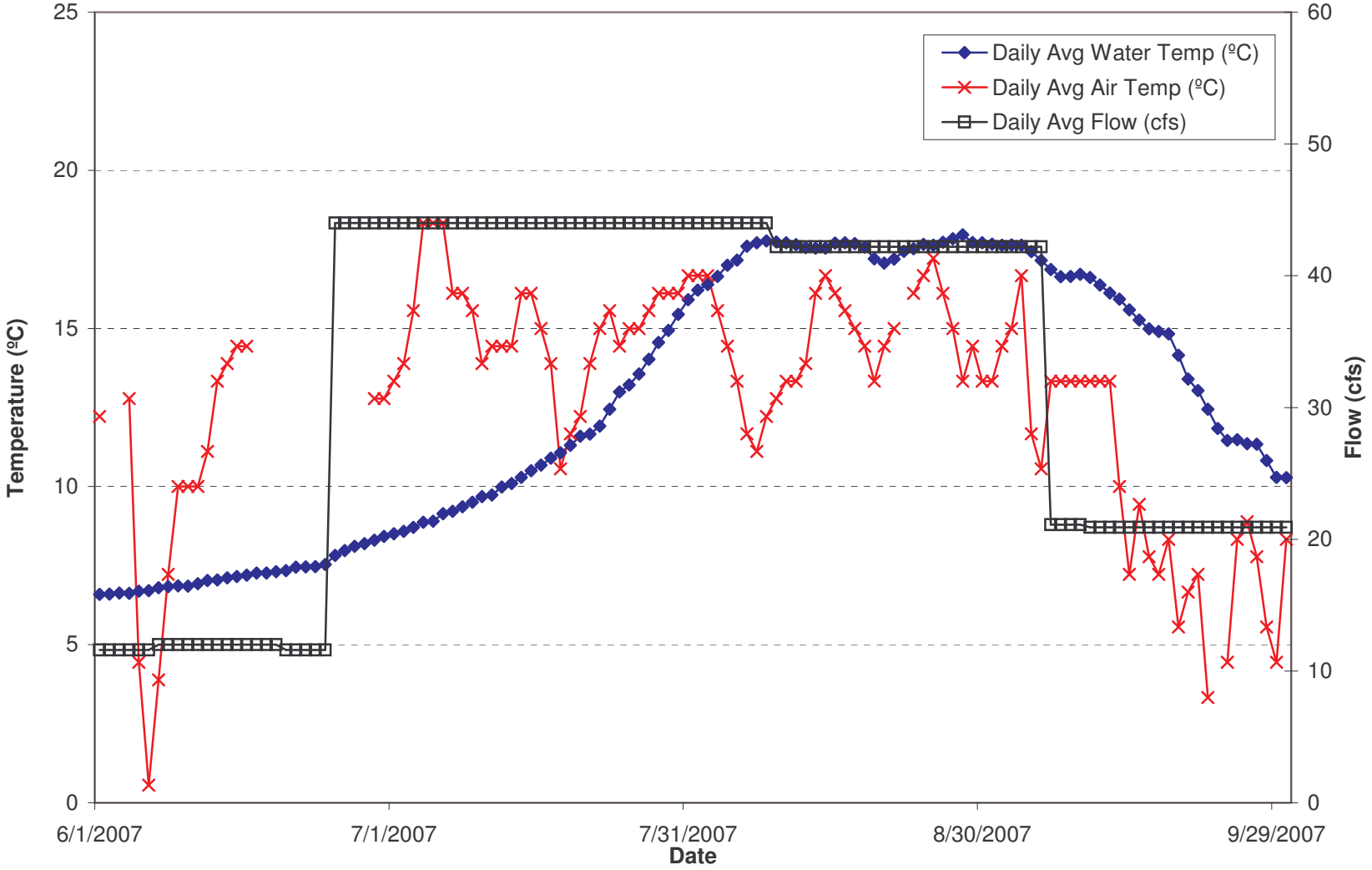


Figure A2-5
Station NFMR1 - NFMR above Salt Springs Reservoir
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station SSR - Salt Springs Reservoir, Flow M902A (data is provisional and uncorrected)

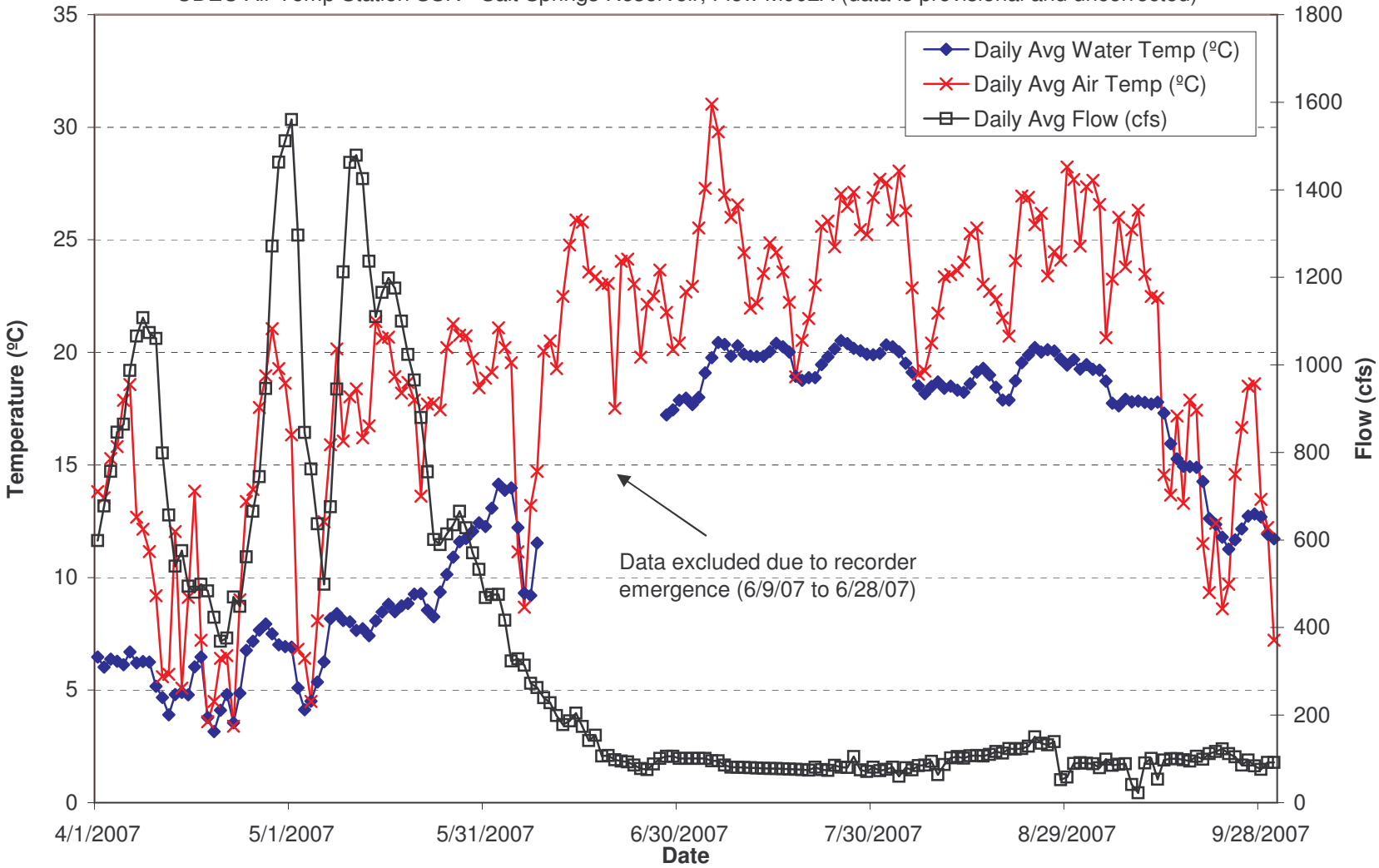


Figure A2-6
Station NFMR2 - NFMR below Salt Springs Reservoir
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station SSR - Salt Springs Reservoir, Flow M11 (data is provisional and uncorrected)

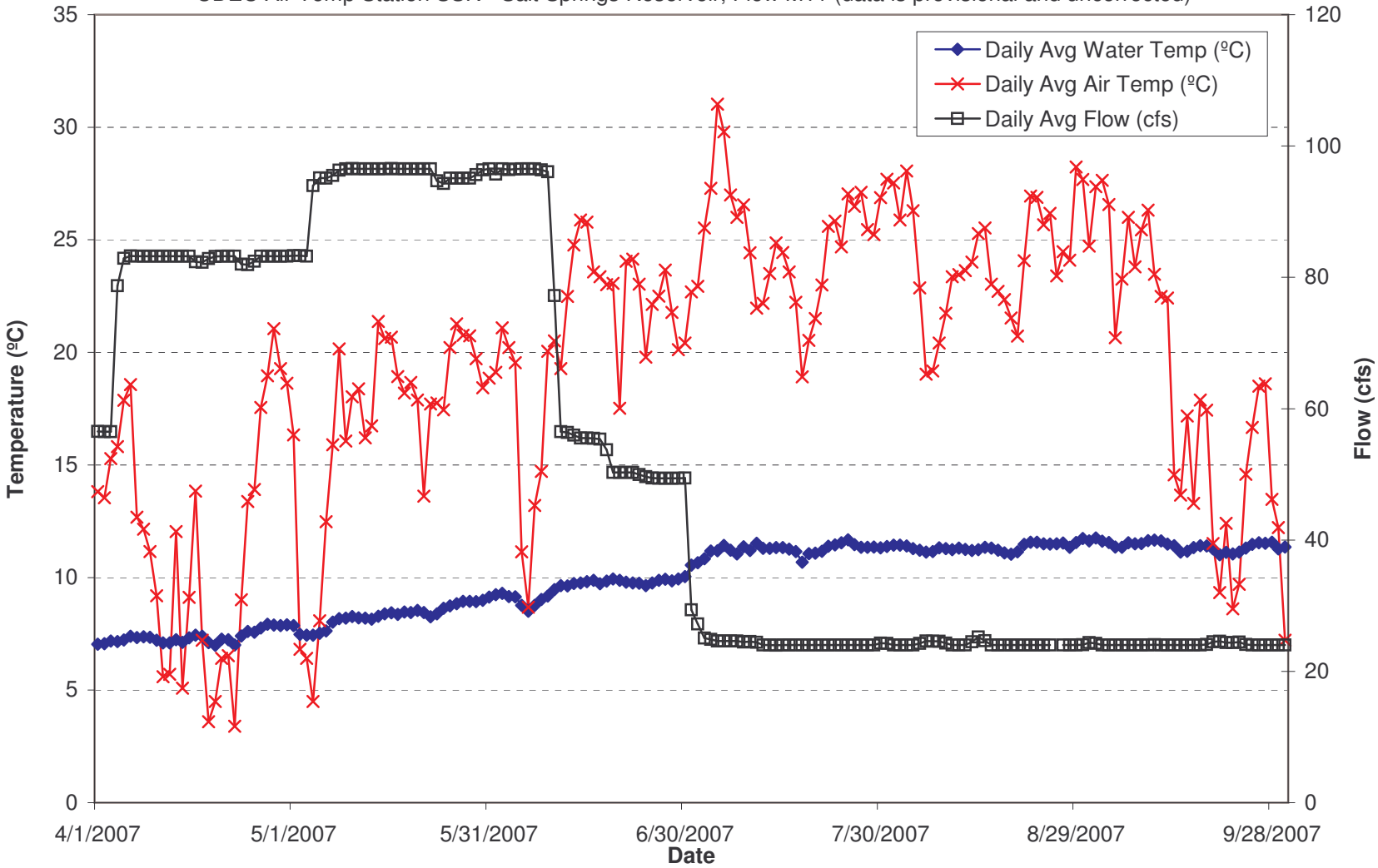


Figure A2-7
Station CC0 - Cole Creek below Project Diversion
Daily Average Water Temperature (ºC), Daily Average Air Temperature (ºC), and Daily Average Flow (cfs)
CDEC Air Temp Station SSR - Salt Springs Reservoir, Flow Data M10 (data is provisional and

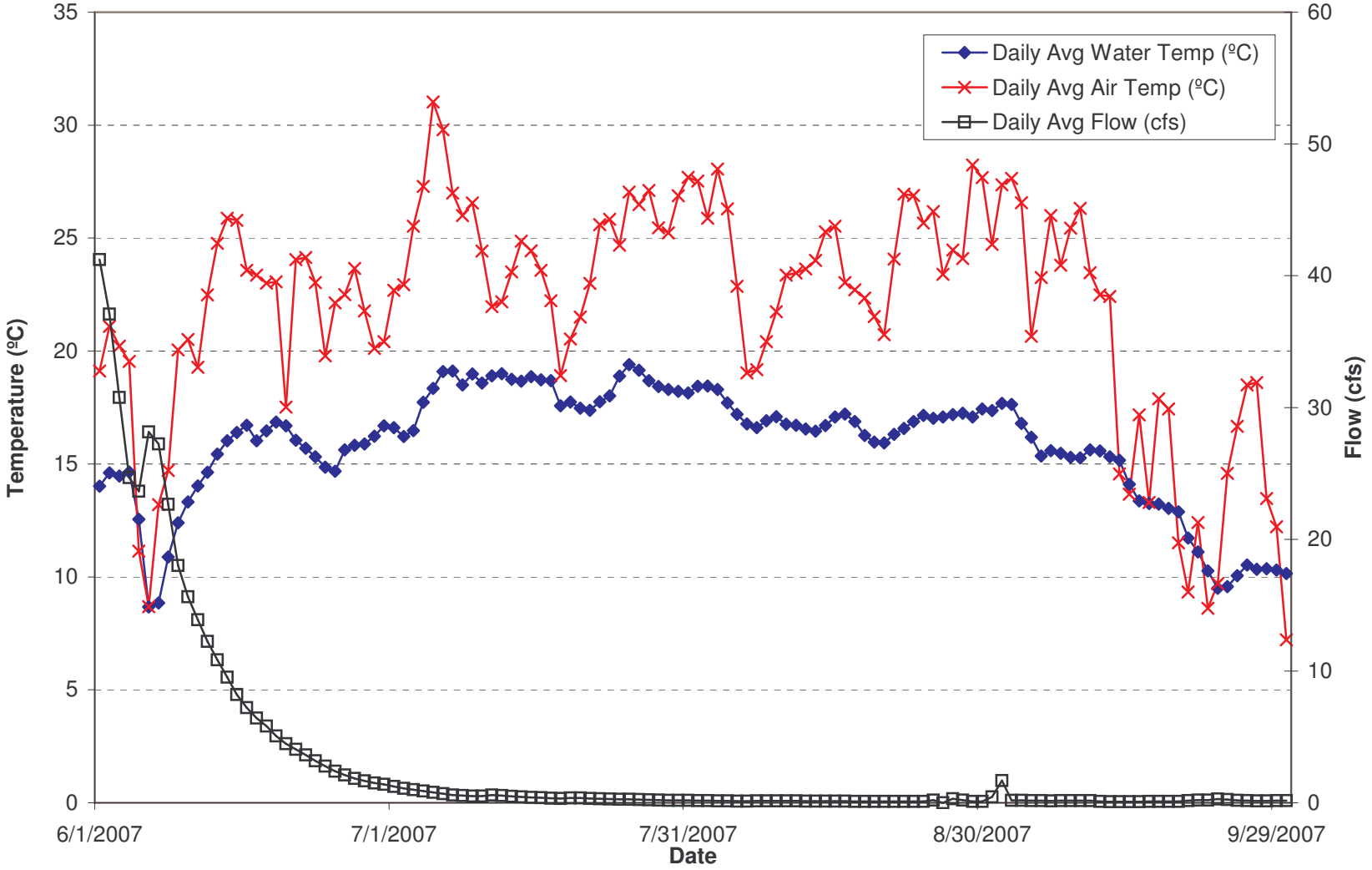


Figure A2-8
Station CC1 - Cole Creek above the Confluence with NFMR
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station SSR - Salt Springs Reservoir, Flow M52 (data is provisional and uncorrected)

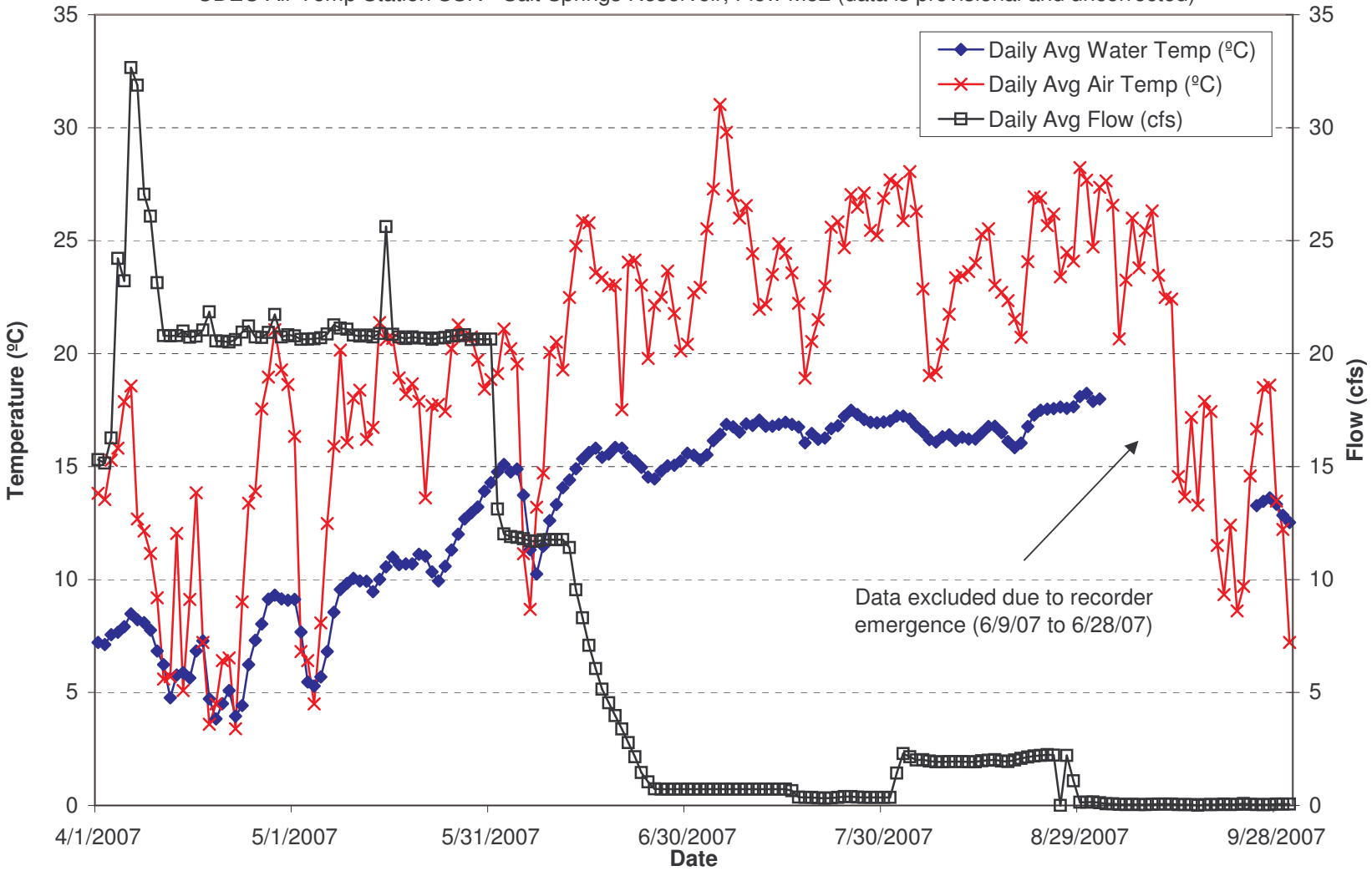


Figure A2-9
Station BR1 - Bear River below Lower Bear River Reservoir
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station SSR - Salt Springs Reservoir, Flow M49 (data is provisional and uncorrected)

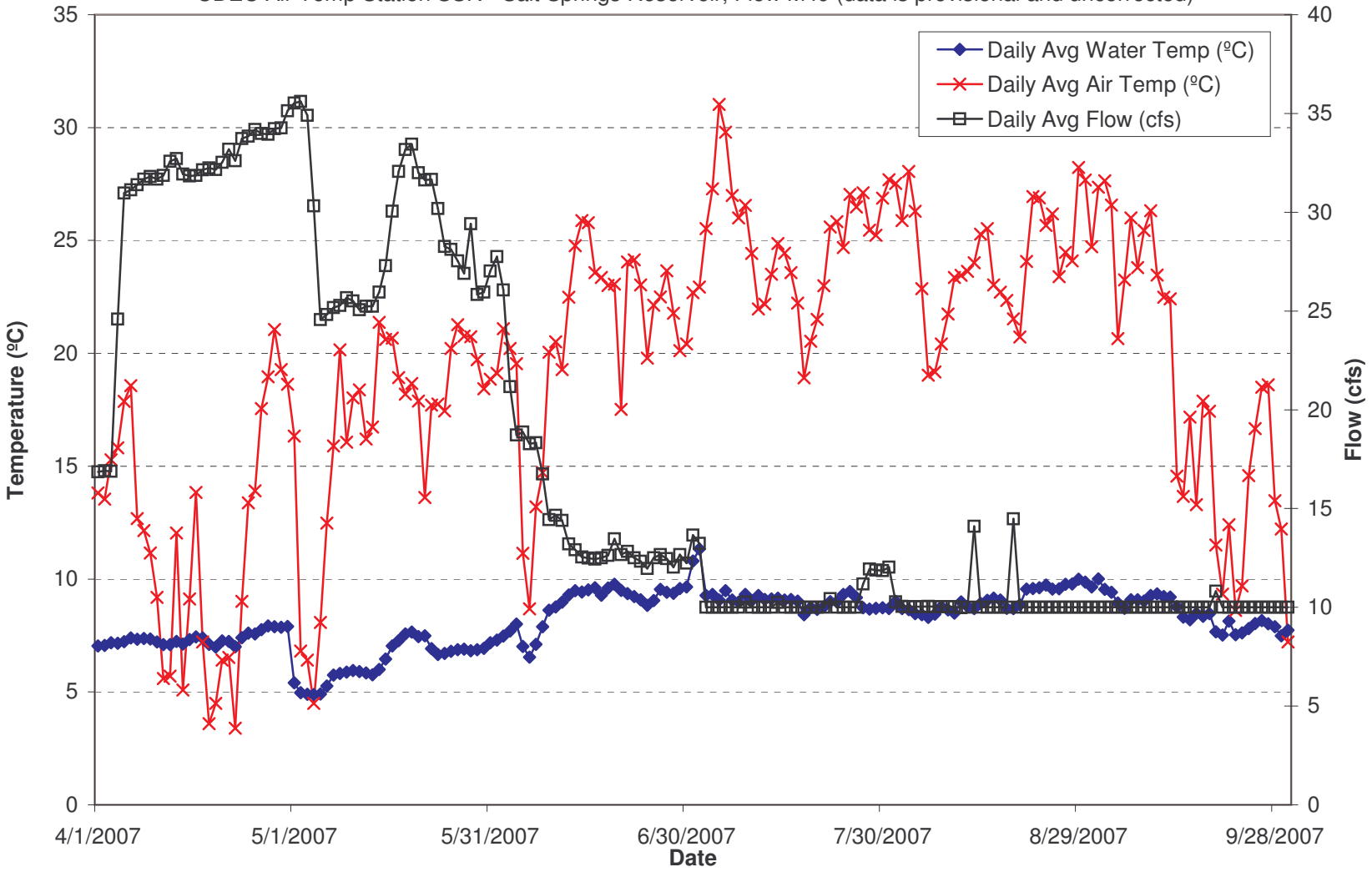


Figure A2-10
Station BR2 - Bear River below Salt Springs Road
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station SSR - Salt Springs Reservoir, Flow M89 (data is provisional and uncorrected)

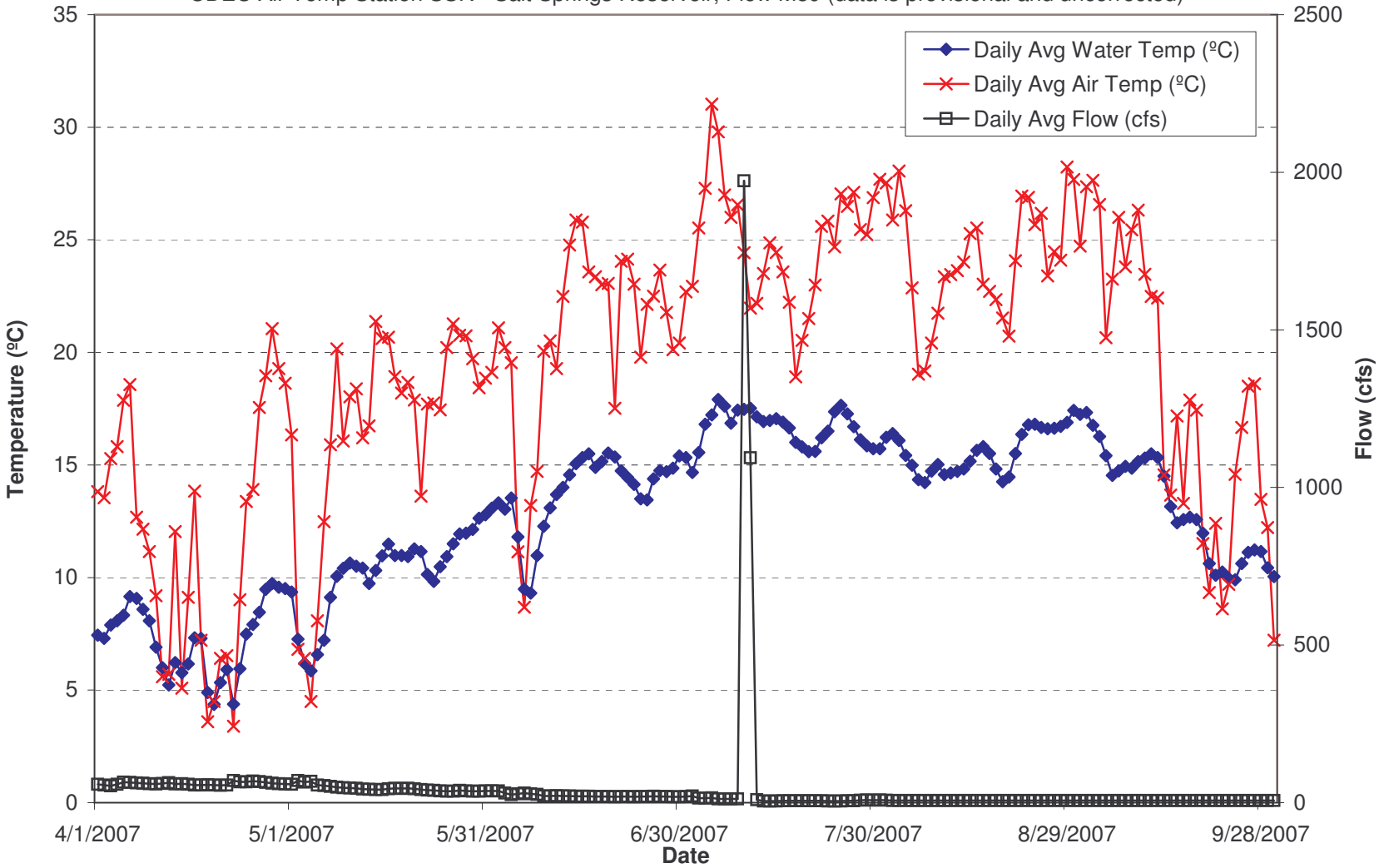


Figure A2-11
Station NFMR3 - NFMR above Tiger Creek Afterbay at Gage M-38
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station TCP - Tiger Creek PH, Flow M38 (data is provisional and uncorrected)

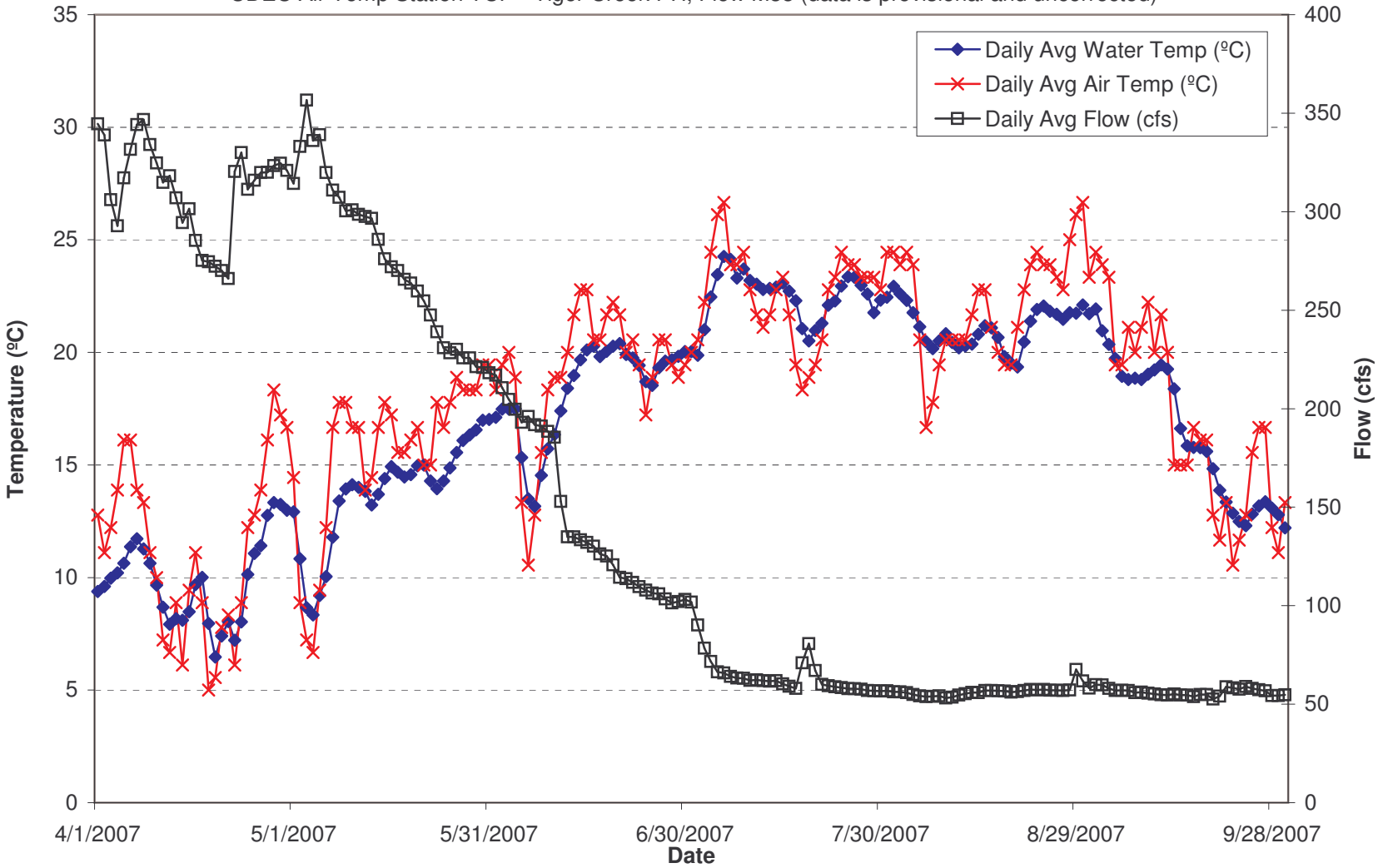


Figure A2-12
Station TC1 - Tiger Creek below Tiger Creek Regulator Dam
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station TCP - Tiger Creek PH, Flow M76 (data is provisional and uncorrected)

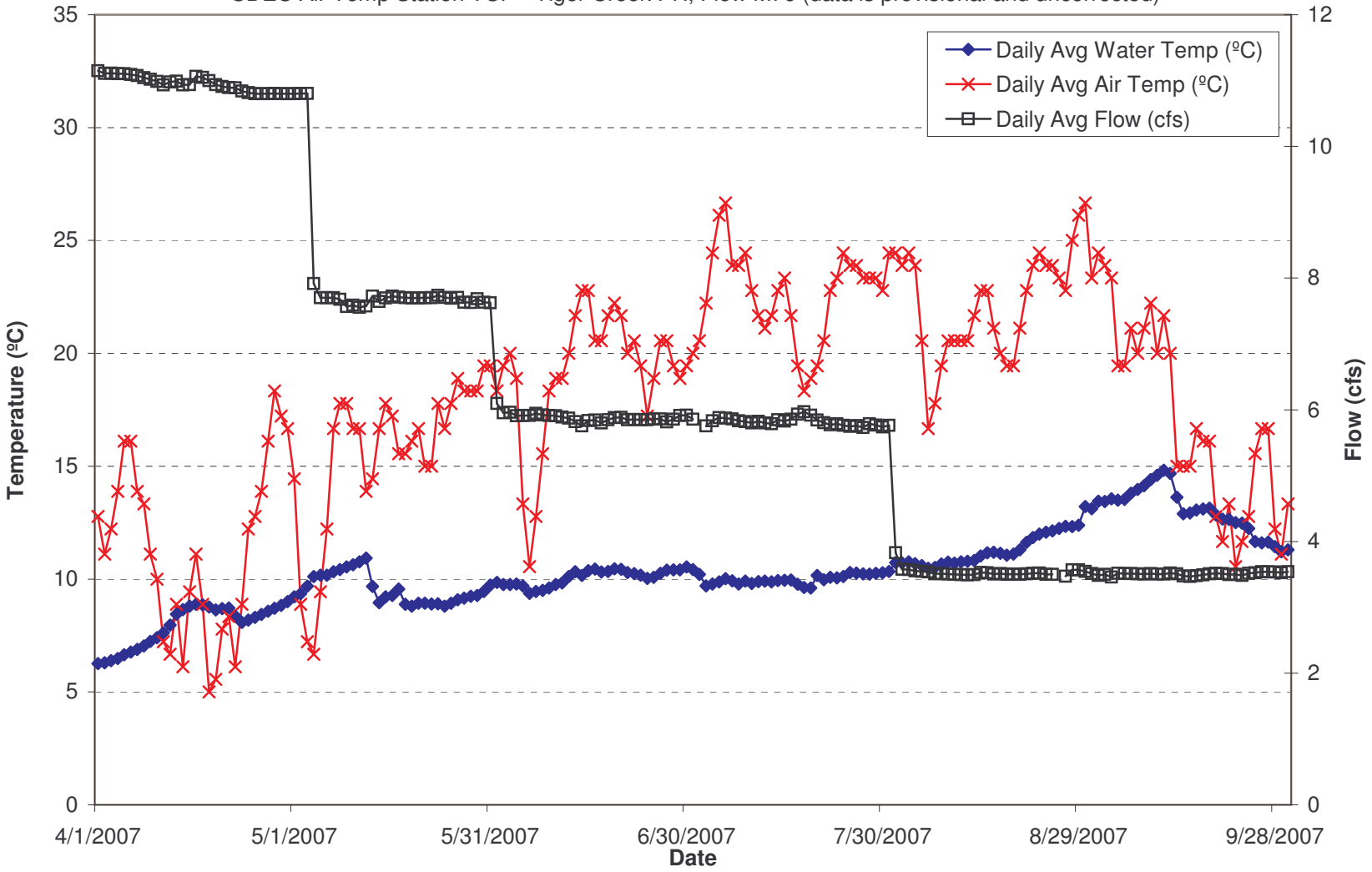


Figure A2-13
Station NFMR4 - NFMR below Tiger Creek Afterbay
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station TCP - Tiger Creek PH, Flow M59 (data is provisional and uncorrected)

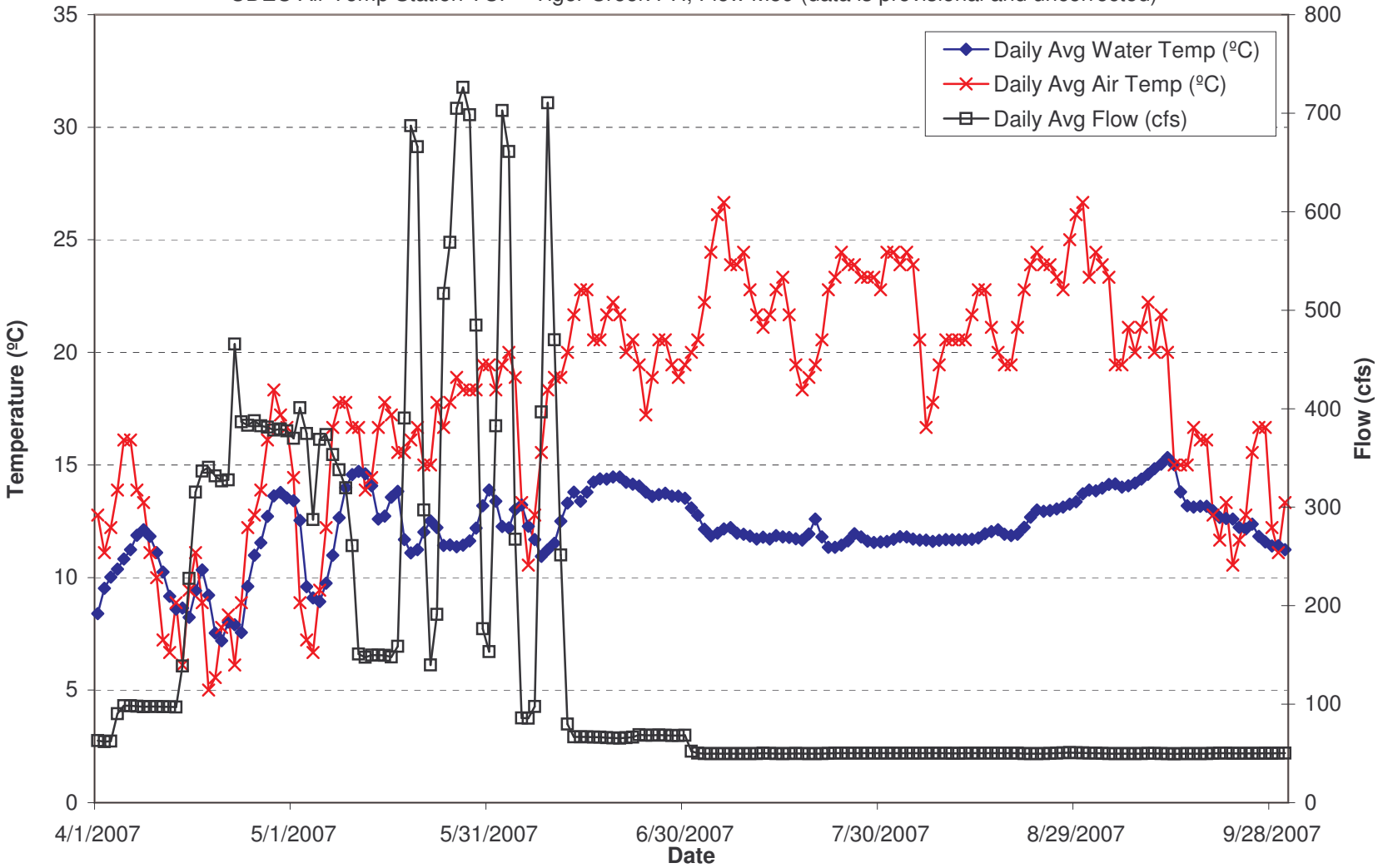


Figure A2-14
Station NFMR5 - NFMR at Electra Diversion Dam
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station TCP - Tiger Creek PH, Flow M46 (data is provisional and uncorrected)

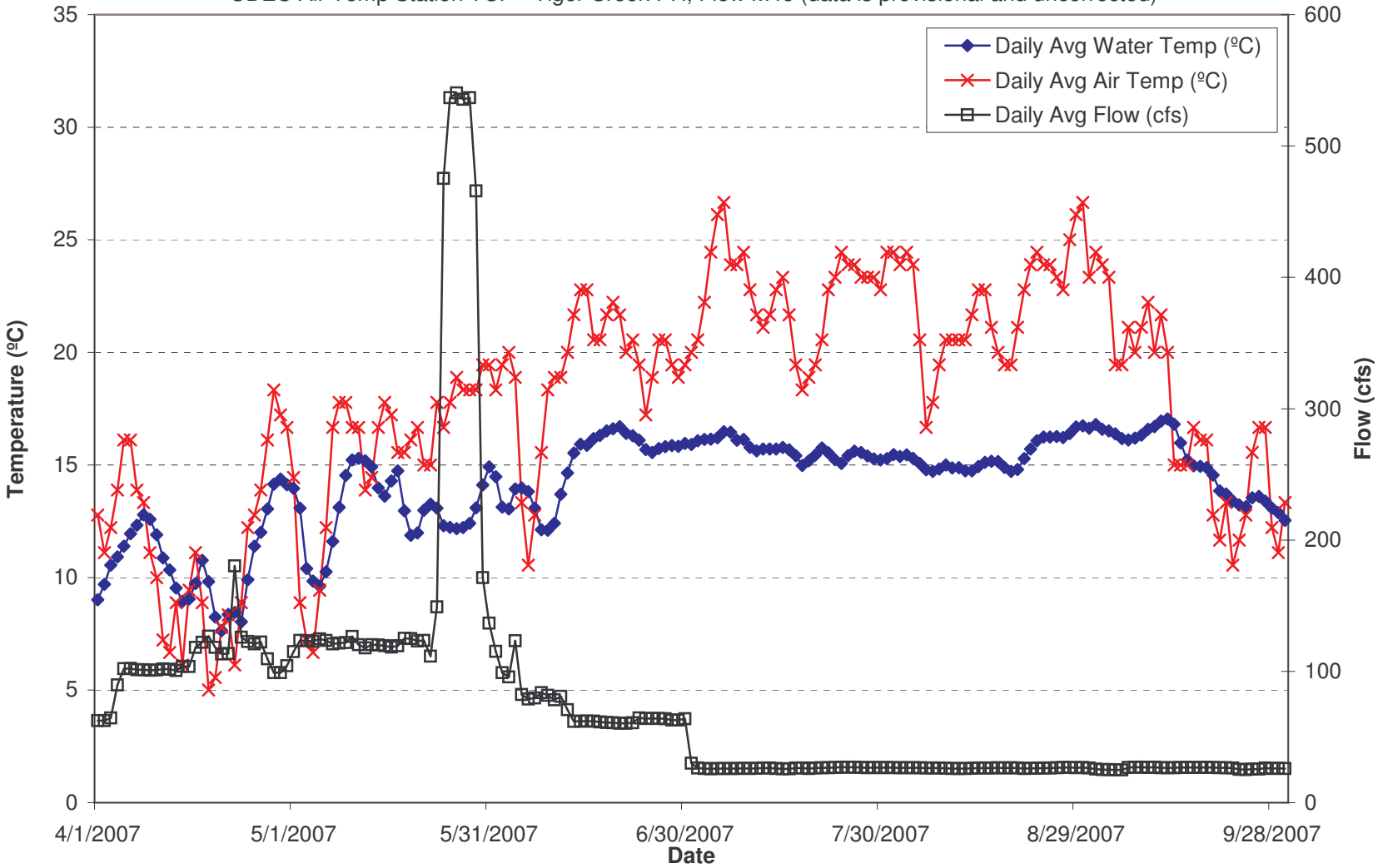
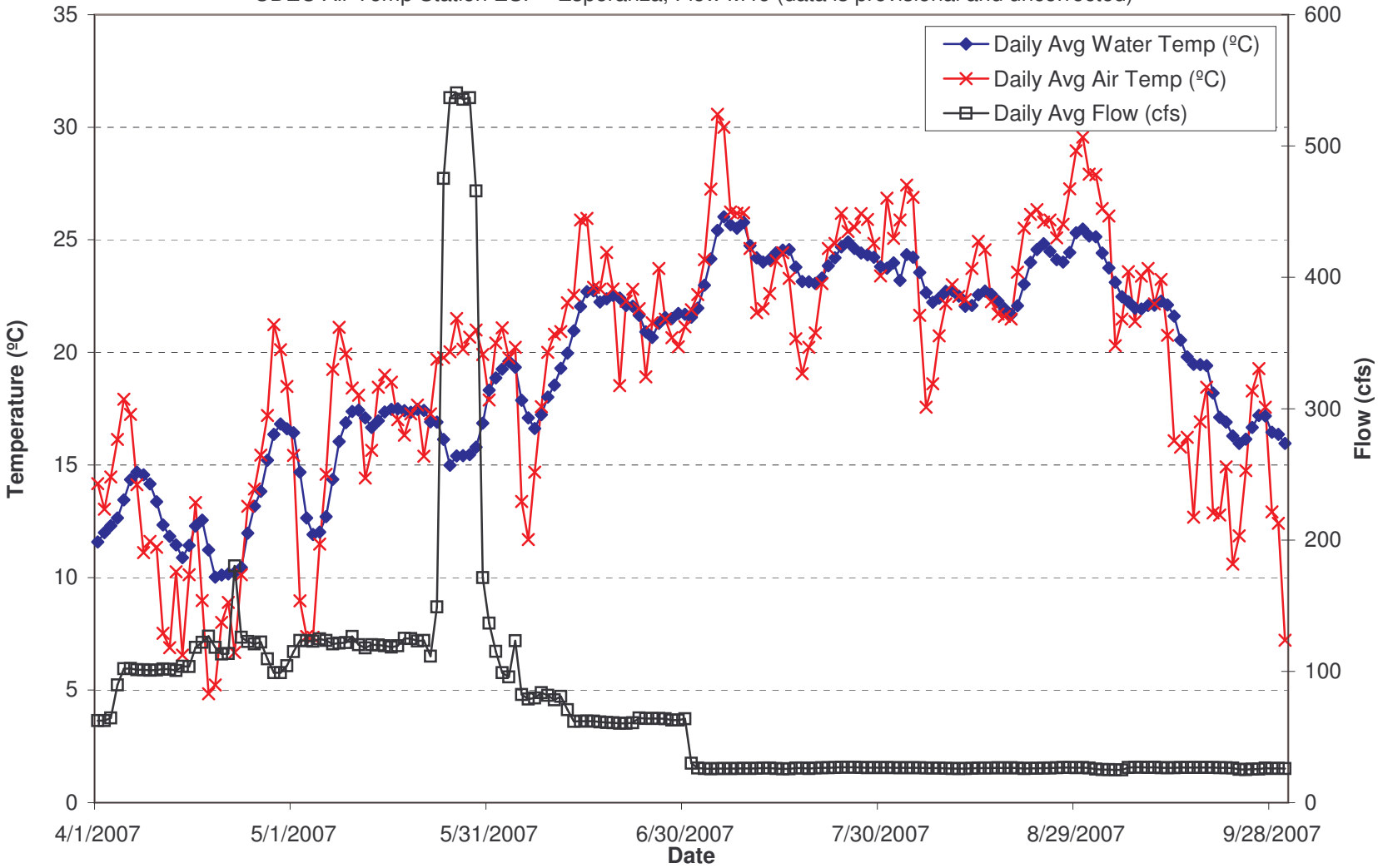


Figure A2-15
Station MR1 - Mokelumne River above Electra Powerhouse
Daily Average Water Temperature (ºC), Daily Average Air Temperature, and Daily Average Flow (cfs)
CDEC Air Temp Station ESP - Esperanza, Flow M46 (data is provisional and uncorrected)



Appendix B

Mokelumne River Project (FERC Project No. 137)

2007 Water Temperature Monitoring Program

Hourly Water Temperature Data

Mokelumne River Project (FERC No. 137)
Blue Creek below Upper Blue Lake
Station BC1
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	10.1	9.1	10.7	10.8	9.7	10.2	10.0	9.3	10.6	11.1	10.5	10.5	9.8	10.1	11.2	11.4	11.6	12.0	10.7	8.9	9.4	10.7	10.3	11.5	10.4	8.9	12.0	3.1
6/2/07	11.7	11.7	11.6	11.0	10.4	10.8	11.5	11.5	11.1	9.7	9.4	10.8	12.4	11.4	12.2	12.9	13.3	13.0	11.9	12.6	11.9	12.2	9.7	9.4	11.4	9.4	13.3	3.9
6/3/07	11.8	11.5	12.3	11.6	11.7	12.1	12.3	11.5	11.2	11.5	12.5	11.7	12.1	12.3	12.8	12.2	12.7	12.2	14.2	13.2	13.8	12.6	11.8	12.6	12.3	11.2	14.2	3.0
6/4/07	11.6	11.2	12.5	11.7	12.1	11.9	12.4	13.0	13.1	12.9	13.4	13.3	12.8	14.4	13.0	12.9	13.2	14.2	12.8	13.3	13.9	12.9	13.0	13.4	12.9	11.2	14.4	3.1
6/5/07	12.9	13.4	13.3	13.3	13.0	12.9	13.0	12.7	11.5	12.3	12.0	12.2	12.6	12.7	12.6	12.1	12.9	13.0	12.9	12.5	12.1	11.8	11.6	11.4	12.5	11.4	13.4	2.1
6/6/07	11.1	11.0	11.0	10.9	10.5	10.3	10.4	10.5	10.7	11.0	11.4	11.9	12.1	12.3	12.0	12.1	12.3	12.4	12.0	11.4	11.3	11.2	10.9	10.2	11.3	10.2	12.4	2.3
6/7/07	10.3	10.1	10.1	9.9	9.7	9.6	9.6	9.6	9.7	9.9	10.3	10.8	11.0	11.0	10.5	10.0	10.1	10.6	11.1	11.3	11.4	11.3	11.3	11.2	10.4	9.6	11.4	1.8
6/8/07	11.0	10.7	10.7	10.8	10.7	10.6	10.6	10.7	10.9	11.1	11.0	11.6	11.9	12.4	11.8	12.4	12.1	12.3	12.7	12.4	11.8	12.0	12.7	12.3	11.5	10.6	12.7	2.2
6/9/07	11.8	12.0	11.6	11.7	11.7	11.7	11.5	11.5	11.7	11.7	11.6	11.7	12.0	11.7	12.6	13.7	13.8	13.5	13.3	13.5	13.4	13.0	12.5	11.6	12.3	11.5	13.8	2.3
6/10/07	11.1	12.0	11.6	11.7	11.8	11.9	11.7	11.7	11.9	12.0	12.2	12.6	13.0	13.1	13.1	13.2	12.9	13.0	12.8	12.2	13.0	13.0	12.4	12.6	12.4	11.1	13.2	2.1
6/11/07	12.5	12.5	12.4	12.2	12.1	12.3	12.3	12.1	11.8	12.2	12.8	13.2	12.7	13.0	12.9	12.7	13.3	13.7	13.8	13.1	13.5	13.5	13.2	12.5	12.8	11.8	13.8	2.0
6/12/07	13.1	13.1	12.9	12.8	12.8	12.8	12.7	12.7	12.8	12.9	13.1	13.9	13.8	13.0	13.0	13.9	14.6	14.4	14.1	14.6	14.1	13.2	13.3	12.8	13.4	12.7	14.6	1.9
6/13/07	13.2	12.9	13.8	13.5	13.6	13.6	13.6	13.6	13.5	13.9	13.9	13.7	13.7	14.0	14.1	14.4	14.3	14.9	13.9	14.4	14.9	14.2	13.4	13.5	13.9	12.9	14.9	2.0
6/14/07	14.5	14.3	14.3	14.3	14.3	14.4	14.5	14.5	14.4	14.2	14.5	14.7	14.4	14.8	14.5	14.1	14.5	15.3	14.6	14.7	15.4	15.3	15.3	15.6	14.6	14.1	15.6	1.5
6/15/07	15.1	15.0	15.1	15.1	14.7	15.0	15.0	14.8	15.0	15.2	15.4	15.0	15.1	15.0	14.7	15.4	15.1	15.5	16.0	16.3	15.4	16.1	15.4	15.4	15.2	14.7	16.3	1.6
6/16/07	15.3	15.6	15.0	15.3	15.4	15.2	15.3	15.4	15.2	15.1	15.7	15.5	15.9	16.6	16.2	15.9	16.7	16.7	16.5	16.8	16.6	16.2	16.2	15.7	15.8	15.0	16.8	1.8
6/17/07	15.6	15.7	15.9	15.9	15.8	15.6	15.6	15.6	15.7	15.5	16.1	16.2	15.5	15.6	15.9	16.0	16.4	16.4	16.0	16.9	16.8	16.7	16.8	15.9	16.0	15.5	16.9	1.5
6/18/07	16.1	15.8	16.1	15.9	16.1	16.0	15.8	16.0	16.1	16.0	15.8	16.0	16.0	16.6	16.6	16.7	17.7	17.7	17.5	17.5	17.1	16.3	16.9	16.2	16.4	15.8	17.7	1.9
6/19/07	16.2	16.7	16.9	16.9	16.8	16.7	16.5	16.4	16.2	16.4	16.8	17.2	17.3	17.6	17.6	17.8	17.9	17.7	17.9	16.8	17.3	17.5	17.4	17.5	17.1	16.2	17.9	1.7
6/20/07	17.3	17.1	17.1	17.0	16.8	16.9	16.8	16.6	16.8	16.8	17.2	17.2	17.4	17.6	17.2	17.3	17.8	17.7	17.9	17.9	17.5	17.5	16.7	17.0	17.2	16.6	17.9	1.3
6/21/07	17.0	16.9	16.9	16.9	16.8	16.7	16.6	16.6	16.8	16.8	17.1	17.3	16.9	16.9	17.1	17.2	17.7	17.9	17.7	17.7	17.3	17.6	17.3	17.3	17.1	16.6	17.9	1.3
6/22/07	17.3	17.1	17.1	16.9	16.8	16.7	16.6	16.7	16.8	16.9	17.2	17.3	17.4	17.4	17.7	17.9	17.7	17.8	17.6	17.7	17.4	17.5	17.6	17.4	17.3	16.6	17.9	1.3
6/23/07	17.3	17.2	17.1	17.0	16.9	16.8	16.7	16.7	16.8	16.9	17.1	17.4	17.6	17.7	17.8	17.8	17.9	17.9	17.7	17.8	17.8	17.6	17.3	17.2	17.3	16.7	17.9	1.2
6/24/07	17.1	16.9	16.7	16.6	16.5	16.3	16.1	16.0	16.1	16.3	16.8	17.3	17.5	17.7	17.3	17.3	17.3	17.3	17.2	17.1	17.0	16.8	16.6	16.5	16.8	16.0	17.7	1.7
6/25/07	16.4	16.2	16.1	16.1	16.0	15.9	15.8	15.8	15.9	16.0	16.4	16.6	16.7	16.9	17.6	17.9	17.9	18.0	17.9	17.8	17.6	17.4	17.0	16.7	16.8	15.8	18.0	2.2
6/26/07	16.4	16.2	16.2	16.0	16.0	16.0	15.9	15.9	16.1	16.4	16.8	17.5	17.6	17.5	17.9	18.1	18.1	18.1	18.0	17.8	17.5	17.3	17.2	17.0	17.0	15.9	18.1	2.3
6/27/07	16.8	16.7	16.6	16.5	16.4	16.4	16.3	16.3	16.4	16.6	17.0	17.6	17.9	18.0	17.9	18.2	18.2	18.3	18.1	17.9	17.8	17.6	17.4	17.3	17.3	16.3	18.3	2.0
6/28/07	17.2	17.0	16.9	16.9	16.8	16.7	16.6	16.5	16.6	16.8	17.0	17.4	17.7	17.9	18.0	18.1	18.4	18.3	18.3	17.9	17.6	17.4	17.2	17.0	17.3	16.5	18.4	1.8
6/29/07	16.8	16.7	16.6	16.5	16.4	16.3	16.3	16.2	16.2	16.4	16.7	17.4	17.7	17.6	17.7	17.9	17.8	17.7	17.6	17.5	17.2	17.0	16.9	16.8	17.0	16.2	17.9	1.7
6/30/07	16.7	16.6	16.5	16.4	16.4	16.3	16.3	16.2	16.3	16.5	16.9	17.4	17.8	18.0	18.0	18.1	18.3	18.3	18.1	18.0	17.6	17.2	17.0	16.8	17.2	16.2	18.3	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	10.4	Minimum	8.9
Mean Daily Mean	14.7	Mean Minimum	13.8
Maximum Daily Mean	17.3		
		Maximum	18.4
Minumum Range	1.2	Mean Maximum	15.8
Maximum Range	3.9		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Upper Blue Lake
Station BC1
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	16.8	16.8	16.8	16.7	16.6	16.5	16.5	16.4	16.4	16.5	16.8	17.3	17.6	17.8	18.0	18.3	18.3	18.2	17.9	17.7	17.5	17.3	17.2	17.0	17.2	16.4	18.3	1.9
7/2/07	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.4	16.5	16.8	17.3	17.6	18.0	18.1	18.0	18.1	18.0	18.0	17.9	17.6	17.3	17.1	17.0	17.2	16.2	18.1	1.9
7/3/07	16.9	16.8	16.7	16.7	16.6	16.5	16.4	16.4	16.5	16.8	17.2	17.6	18.2	18.3	18.3	18.3	18.2	18.6	18.6	18.4	18.3	18.2	18.2	18.0	17.5	16.4	18.6	2.2
7/4/07	17.8	17.7	17.7	17.6	17.5	17.4	17.2	17.2	17.3	17.5	17.8	18.0	18.1	17.9	18.6	18.5	18.7	19.0	19.0	18.8	18.7	18.5	18.4	18.3	18.1	17.2	19.0	1.8
7/5/07	18.2	18.2	18.1	18.0	17.9	17.9	17.8	17.8	17.9	18.2	18.4	18.5	18.7	19.5	19.1	19.6	19.7	20.0	19.6	19.6	19.3	19.2	19.1	18.9	18.7	17.8	20.0	2.2
7/6/07	18.9	18.7	18.6	18.6	18.5	18.4	18.3	18.3	18.4	18.5	18.8	19.2	19.8	20.0	19.7	20.0	20.5	20.6	20.2	20.3	19.8	19.7	19.5	19.4	19.3	18.3	20.6	2.3
7/7/07	19.3	19.1	19.1	18.9	18.8	18.8	18.7	18.6	18.7	18.8	19.1	19.3	19.7	20.0	20.2	20.1	20.3	20.2	20.2	20.2	19.9	19.7	19.4	19.4	19.4	18.6	20.3	1.7
7/8/07	19.2	19.1	19.0	18.9	18.8	18.8	18.7	18.6	18.7	18.9	19.1	19.2	19.1	19.0	19.1	19.3	19.8	20.0	19.9	19.8	19.5	19.5	19.5	19.3	19.2	18.6	20.0	1.4
7/9/07	19.2	19.2	19.2	19.1	19.1	19.0	18.9	18.9	19.0	19.3	19.6	19.8	19.8	19.6	20.5	20.7	20.8	20.6	20.8	20.7	20.4	20.1	19.9	19.9	19.7	18.9	20.8	1.9
7/10/07	19.8	19.5	19.5	19.4	19.4	19.2	19.2	19.2	19.3	19.4	19.6	19.6	19.9	20.0	19.7	19.5	19.5	19.4	19.4	19.3	19.3	19.2	19.1	19.0	19.4	19.0	20.0	1.0
7/11/07	18.9	18.8	18.8	18.8	18.8	18.7	18.7	18.6	18.6	18.6	18.7	19.0	19.2	19.9	20.2	20.3	20.7	20.6	20.4	20.3	19.9	19.8	19.5	19.5	19.4	18.6	20.7	2.1
7/12/07	19.4	19.3	19.2	19.1	19.0	19.0	18.9	18.8	18.9	19.0	19.3	19.6	20.1	20.4	20.6	20.7	20.6	20.6	20.6	20.5	20.2	20.0	19.9	19.7	19.7	18.8	20.7	1.9
7/13/07	19.6	19.5	19.4	19.3	19.2	19.1	19.0	19.0	19.1	19.3	19.7	20.2	20.3	20.2	20.9	20.8	21.3	21.3	21.0	20.8	20.5	20.3	20.1	19.9	20.0	19.0	21.3	2.3
7/14/07	19.8	19.6	19.5	19.4	19.3	19.3	19.2	19.2	19.3	19.4	19.6	20.0	20.5	20.8	20.7	21.1	21.0	21.0	21.0	21.1	20.7	20.4	20.2	20.1	20.1	19.2	21.1	2.0
7/15/07	20.0	19.9	19.8	19.7	19.6	19.6	19.5	19.5	19.5	19.6	19.9	20.4	20.6	20.8	21.0	21.0	21.1	21.3	21.1	21.0	20.6	20.4	20.3	20.2	20.3	19.5	21.3	1.8
7/16/07	20.1	19.9	19.8	19.8	19.7	19.6	19.5	19.4	19.5	19.6	19.9	20.3	21.0	21.2	21.3	21.2	21.2	21.2	21.0	20.9	20.5	20.3	20.2	20.0	20.3	19.4	21.3	1.9
7/17/07	20.0	19.8	19.8	19.6	19.5	19.4	19.3	19.2	19.3	19.5	19.8	20.1	20.4	20.7	20.9	20.9	21.2	21.1	20.9	20.7	20.4	20.2	20.1	19.9	20.1	19.2	21.2	2.0
7/18/07	19.8	19.7	19.6	19.5	19.3	19.2	19.1	19.0	19.0	19.1	19.1	19.1	19.2	19.3	19.3	19.3	19.4	19.3	19.2	19.0	18.8	18.7	18.5	18.4	19.2	18.4	19.8	1.4
7/19/07	18.3	18.2	18.0	17.9	17.8	17.8	17.7	17.6	17.7	18.0	18.3	18.8	19.4	19.7	19.7	19.8	19.9	20.0	20.0	19.4	19.1	18.9	18.7	18.6	18.7	17.6	20.0	2.3
7/20/07	18.4	18.3	18.2	18.1	18.0	18.0	17.9	17.8	17.8	17.9	18.2	18.6	18.9	19.3	19.6	19.6	19.8	19.8	19.5	19.3	19.0	18.7	18.5	18.4	18.7	17.8	19.8	2.0
7/21/07	18.3	18.1	18.0	18.0	17.9	17.8	17.7	17.7	17.8	17.9	18.3	18.7	19.0	19.4	19.7	19.7	19.7	19.9	19.7	19.4	19.0	18.8	18.7	18.6	18.7	17.7	19.9	2.2
7/22/07	18.4	18.3	18.2	18.1	18.1	18.0	17.9	17.8	17.9	18.2	18.4	18.9	19.4	19.7	20.0	19.8	20.4	19.9	19.7	19.8	19.5	19.3	19.1	19.0	18.9	17.8	20.4	2.6
7/23/07	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.3	18.4	18.5	18.7	18.9	19.2	19.3	19.8	20.5	20.5	21.0	20.8	20.3	19.7	19.6	19.5	19.5	19.3	18.3	21.0	2.7
7/24/07	19.4	19.3	19.1	19.1	19.0	18.9	18.8	18.8	18.9	19.0	19.2	19.8	20.1	20.2	19.8	19.5	19.5	19.4	19.4	19.4	19.3	19.3	19.2	19.2	19.3	18.8	20.2	1.4
7/25/07	19.0	18.9	18.8	18.7	18.7	18.6	18.5	18.4	18.6	18.7	19.1	19.3	19.5	19.8	20.2	20.1	19.9	20.0	20.0	19.9	19.8	19.7	19.5	19.4	19.3	18.4	20.2	1.8
7/26/07	19.3	19.2	19.1	19.0	18.8	18.7	18.6	18.6	18.7	18.9	19.1	19.5	19.9	20.1	20.5	20.7	20.7	20.4	20.5	20.2	20.0	19.8	19.7	19.5	19.6	18.6	20.7	2.1
7/27/07	19.4	19.3	19.2	19.1	19.0	18.9	18.8	18.8	18.9	19.1	19.5	19.8	20.4	20.5	21.0	21.1	21.2	21.2	20.7	20.5	20.2	20.0	19.9	19.8	19.8	18.8	21.2	2.4
7/28/07	19.7	19.6	19.5	19.4	19.2	19.2	19.1	19.0	19.1	19.2	19.6	19.9	20.3	20.8	21.0	21.0	21.0	20.8	20.8	20.5	20.1	20.0	19.8	19.7	19.9	19.0	21.0	2.0
7/29/07	19.6	19.5	19.4	19.3	19.2	19.1	19.0	19.0	19.1	19.3	19.6	20.0	20.5	20.8	20.8	21.1	21.4	21.6	21.0	20.4	20.2	20.1	19.9	19.8	20.0	19.0	21.6	2.6
7/30/07	19.7	19.6	19.5	19.3	19.3	19.2	19.1	19.1	19.1	19.3	19.6	19.9	20.2	20.5	20.9	21.2	21.1	21.2	21.0	20.6	20.3	20.1	20.0	19.8	20.0	19.1	21.2	2.1
7/31/07	19.7	19.6	19.5	19.4	19.4	19.2	19.1	19.1	19.2	19.4	19.8	20.3	20.5	20.4	21.0	21.2	21.4	21.0	20.8	20.6	20.4	20.2	20.1	20.0	20.1	19.1	21.4	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	17.2	Minimum	16.2
Mean Daily Mean	19.3	Mean Minimum	18.4
Maximum Daily Mean	20.3		
		Maximum	21.6
Minumum Range	1.0	Mean Maximum	20.4
Maximum Range	2.7		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Upper Blue Lake
Station BC1
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	19.9	19.7	19.7	19.5	19.4	19.3	19.2	19.2	19.2	19.5	19.7	20.3	20.7	20.7	21.4	21.8	22.0	21.8	21.6	21.3	20.9	20.7	20.6	20.4	20.4	19.2	22.0	2.8
8/2/07	20.3	20.2	20.1	20.0	19.9	19.8	19.7	19.7	19.7	19.8	19.9	20.4	20.9	21.2	21.4	21.5	21.5	21.4	21.0	20.8	20.5	20.3	20.1	20.0	20.4	19.7	21.5	1.8
8/3/07	19.9	19.8	19.8	19.7	19.6	19.5	19.5	19.4	19.5	19.6	19.9	20.4	20.7	20.6	20.7	20.8	20.9	21.1	21.1	20.8	20.5	20.3	20.1	20.0	20.2	19.4	21.1	1.7
8/4/07	19.9	19.8	19.7	19.5	19.4	19.2	19.1	19.0	19.0	19.1	19.4	19.7	20.0	20.2	20.1	20.0	20.2	20.4	20.3	19.9	19.6	19.3	19.1	19.0	19.6	19.0	20.4	1.4
8/5/07	19.0	19.0	18.9	18.8	18.7	18.6	18.6	18.5	18.6	18.7	18.8	19.1	19.3	19.7	19.9	20.0	20.0	19.9	19.7	19.4	19.1	18.9	18.7	18.4	19.1	18.4	20.0	1.6
8/6/07	18.2	18.1	18.0	17.9	17.8	17.7	17.7	17.6	17.6	17.7	17.9	18.3	18.7	18.9	19.3	19.3	19.4	19.4	19.2	18.9	18.6	18.4	18.2	18.0	18.4	17.6	19.4	1.8
8/7/07	17.8	17.7	17.6	17.5	17.4	17.4	17.3	17.3	17.4	17.5	17.7	18.0	18.3	18.6	18.8	19.2	19.0	19.1	18.9	18.4	18.3	18.2	18.0	17.9	18.1	17.3	19.2	1.9
8/8/07	17.7	17.6	17.5	17.5	17.5	17.4	17.3	17.3	17.3	17.5	17.7	18.0	18.2	18.7	18.8	18.8	18.7	19.2	18.8	18.6	18.4	18.3	18.2	18.1	18.1	17.3	19.2	1.9
8/9/07	18.0	17.9	17.8	17.7	17.7	17.6	17.5	17.4	17.5	17.6	17.9	18.3	18.6	19.0	19.1	19.3	19.4	19.2	19.1	18.8	18.5	18.4	18.2	18.0	18.3	17.4	19.4	1.9
8/10/07	17.8	17.6	17.6	17.5	17.6	17.5	17.4	17.4	17.5	17.6	17.8	18.2	18.6	18.8	19.1	19.2	19.5	19.2	18.9	18.7	18.5	18.3	18.1	18.0	18.2	17.4	19.5	2.1
8/11/07	17.9	17.8	17.7	17.7	17.5	17.5	17.3	17.3	17.3	17.4	17.6	18.0	18.3	18.6	18.9	19.2	19.1	19.1	18.9	18.6	18.4	18.1	18.0	17.8	18.1	17.3	19.2	1.9
8/12/07	17.6	17.4	17.2	17.2	17.1	17.1	16.9	16.8	16.9	17.1	17.3	17.7	18.1	18.3	18.7	18.9	18.8	18.8	18.7	18.4	18.2	17.9	17.7	17.6	17.8	16.8	18.9	2.0
8/13/07	17.4	17.3	17.2	17.0	16.9	16.9	16.8	16.8	16.9	17.1	17.3	17.6	18.0	18.3	18.6	18.7	18.7	18.7	18.5	18.2	17.9	17.7	17.6	17.5	17.7	16.8	18.7	1.9
8/14/07	17.4	17.3	17.2	17.1	17.0	17.0	16.9	16.9	16.9	17.1	17.4	17.8	18.3	18.6	18.7	19.1	19.1	19.2	19.0	18.6	18.3	18.1	17.9	17.8	17.9	16.9	19.2	2.3
8/15/07	17.7	17.6	17.5	17.4	17.4	17.3	17.2	17.1	17.1	17.3	17.6	18.0	18.5	18.8	19.2	19.2	19.3	19.3	18.9	18.7	18.4	18.2	18.0	17.9	18.1	17.1	19.3	2.2
8/16/07	17.8	17.7	17.6	17.5	17.4	17.4	17.3	17.3	17.3	17.4	17.6	18.0	18.4	18.8	19.0	19.2	19.2	19.1	19.0	18.7	18.3	18.1	17.9	17.7	18.1	17.3	19.2	1.9
8/17/07	17.6	17.4	17.2	17.1	17.1	17.1	17.1	17.1	17.2	17.3	17.6	18.0	18.3	18.6	18.7	18.8	18.9	18.8	18.5	18.2	17.9	17.6	17.3	17.2	17.8	17.1	18.9	1.9
8/18/07	16.9	16.9	16.9	16.9	16.8	16.8	16.8	16.7	16.8	16.9	17.1	17.5	17.9	18.2	18.5	18.6	18.6	18.5	18.3	17.9	17.6	17.3	17.1	16.9	17.4	16.7	18.6	1.9
8/19/07	16.8	16.7	16.5	16.4	16.3	16.1	16.0	15.9	16.0	16.1	16.4	16.8	17.2	17.6	17.8	17.9	18.0	17.8	17.7	17.4	17.1	16.8	16.6	16.4	16.8	15.9	18.0	2.1
8/20/07	16.3	16.2	16.2	16.1	16.1	16.0	15.9	15.9	16.0	16.2	16.4	16.7	17.2	17.4	17.9	18.1	18.0	18.0	17.8	17.5	17.3	17.1	16.9	16.8	16.8	15.9	18.1	2.2
8/21/07	16.7	16.6	16.6	16.5	16.4	16.3	16.3	16.2	16.2	16.5	16.9	17.2	17.1	17.1	17.1	17.5	17.8	17.9	18.1	17.7	17.5	17.3	17.2	17.1	17.0	16.2	18.1	1.9
8/22/07	17.0	16.9	16.8	16.7	16.7	16.6	16.6	16.5	16.5	16.7	17.0	17.3	18.2	18.1	18.0	18.0	18.0	18.2	18.1	18.0	17.8	17.7	17.5	17.4	17.3	16.5	18.2	1.7
8/23/07	17.2	17.2	17.0	16.9	16.8	16.8	16.7	16.6	16.7	17.0	17.3	17.7	18.3	18.8	18.5	19.4	19.8	19.1	19.3	19.3	18.8	18.5	18.4	18.3	17.9	16.6	19.8	3.2
8/24/07	18.1	17.9	17.7	17.6	17.5	17.4	17.3	17.2	17.2	17.3	17.6	18.4	18.9	19.3	19.7	19.9	20.0	20.0	19.7	19.1	18.7	18.5	18.4	18.2	18.4	17.2	20.0	2.8
8/25/07	18.1	18.0	17.8	17.7	17.5	17.4	17.4	17.2	17.2	17.4	17.7	18.1	18.6	19.0	19.4	19.6	19.5	19.5	19.4	19.1	18.7	18.3	18.0	17.8	18.3	17.2	19.6	2.3
8/26/07	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.2	17.4	17.7	18.2	18.6	19.1	19.4	19.4	19.4	19.4	19.1	18.8	18.5	18.2	18.1	18.0	18.2	17.2	19.4	2.2
8/27/07	17.9	17.7	17.6	17.5	17.4	17.3	17.3	17.2	17.2	17.5	17.8	18.3	18.6	19.1	19.3	19.4	19.3	19.2	19.1	18.9	18.6	18.4	18.3	18.2	18.2	17.2	19.4	2.2
8/28/07	18.1	18.0	17.9	17.8	17.7	17.7	17.6	17.5	17.5	17.7	18.0	18.3	18.5	18.3	18.3	17.9	17.7	17.7	17.7	17.7	17.6	17.6	17.5	17.4	17.8	17.4	18.5	1.0
8/29/07	17.4	17.3	17.2	17.1	17.1	17.0	17.0	17.0	17.1	17.3	17.6	18.1	18.5	18.8	19.0	19.1	19.3	19.1	19.1	18.8	18.5	18.3	18.2	18.1	18.0	17.0	19.3	2.3
8/30/07	18.0	17.9	17.8	17.7	17.7	17.6	17.6	17.5	17.5	17.6	17.6	17.8	18.0	18.3	18.6	19.0	19.5	19.1	19.1	18.8	18.6	18.3	18.2	18.1	18.2	17.5	19.5	2.0
8/31/07	18.0	17.9	17.8	17.7	17.7	17.6	17.5	17.3	17.3	17.4	17.5	17.6	17.6	17.7	18.0	18.1	18.2	18.3	18.2	18.1	18.0	17.9	17.7	17.7	17.8	17.3	18.3	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	16.8	Minimum	15.9
Mean Daily Mean	18.2	Mean Minimum	17.4
Maximum Daily Mean	20.4		
		Maximum	22.0
Minumum Range	1.0	Mean Maximum	19.3
Maximum Range	3.2		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Upper Blue Lake
Station BC1
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	17.6	17.5	17.4	17.4	17.3	17.2	17.2	17.1	17.2	17.4	17.6	18.0	18.5	18.9	19.3	19.5	19.4	19.2	19.2	18.8	18.5	18.2	18.1	18.0	18.1	17.1	19.5	2.4
9/2/07	17.9	17.7	17.6	17.6	17.5	17.4	17.3	17.3	17.3	17.5	17.7	18.2	18.6	19.0	19.3	19.5	19.6	19.5	19.3	18.9	18.6	18.4	18.2	18.1	18.2	17.3	19.6	2.3
9/3/07	18.0	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.3	17.5	17.8	18.3	18.7	19.0	19.4	19.6	19.7	19.6	19.4	18.9	18.6	18.3	18.0	17.7	18.3	17.3	19.7	2.4
9/4/07	17.5	17.3	17.1	17.0	16.9	17.0	17.0	16.9	16.9	17.0	17.1	17.4	17.8	18.2	18.5	18.7	18.6	18.5	18.3	18.1	17.8	17.5	17.3	17.1	17.6	16.9	18.7	1.8
9/5/07	17.0	16.8	16.7	16.6	16.5	16.5	16.5	16.4	16.4	16.5	16.7	17.1	17.4	17.6	17.5	17.4	17.3	17.2	17.1	16.9	16.7	16.6	16.5	16.3	16.8	16.3	17.6	1.3
9/6/07	16.2	16.0	16.0	15.9	15.8	15.8	15.7	15.7	15.7	15.9	16.3	16.9	17.3	17.9	18.2	18.3	18.3	18.6	18.3	17.9	17.7	17.5	17.3	17.2	16.9	15.7	18.6	2.9
9/7/07	17.1	17.0	16.9	16.7	16.6	16.4	16.3	16.2	16.2	16.3	16.7	17.2	17.7	18.1	18.3	18.5	18.6	18.6	18.3	18.0	17.7	17.5	17.3	17.2	17.3	16.2	18.6	2.4
9/8/07	17.0	16.9	16.8	16.7	16.6	16.5	16.3	16.2	16.2	16.4	16.7	17.0	17.2	17.5	17.7	17.7	18.0	17.8	17.7	17.5	17.3	17.1	17.0	16.9	17.0	16.2	18.0	1.8
9/9/07	16.8	16.7	16.5	16.5	16.4	16.4	16.3	16.3	16.2	16.4	16.8	17.2	17.3	17.7	17.7	17.9	18.0	17.9	17.9	17.8	17.5	17.3	17.2	17.0	17.1	16.2	18.0	1.8
9/10/07	16.9	16.7	16.6	16.4	16.4	16.2	16.1	16.0	15.9	16.0	16.3	16.8	17.0	17.2	17.3	17.3	17.0	16.9	16.8	16.7	16.5	16.5	16.3	16.2	16.6	15.9	17.3	1.4
9/11/07	16.1	16.0	15.8	15.7	15.7	15.6	15.5	15.5	15.6	15.8	16.3	16.6	16.8	17.4	17.6	17.7	17.7	17.6	17.5	17.4	17.2	17.0	16.8	16.7	16.6	15.5	17.7	2.2
9/12/07	16.6	16.5	16.4	16.3	16.2	16.1	16.0	16.0	15.9	16.1	16.4	16.8	17.3	17.5	17.8	17.8	17.5	17.5	17.4	17.2	16.9	16.8	16.6	16.4	16.8	15.9	17.8	1.9
9/13/07	16.2	16.1	15.9	15.8	15.6	15.6	15.4	15.4	15.4	15.5	15.8	16.2	16.6	17.0	17.1	17.6	17.5	17.1	16.9	16.6	16.3	16.0	15.8	15.6	16.2	15.4	17.6	2.2
9/14/07	15.3	15.1	15.0	15.0	15.0	14.9	14.9	14.9	14.8	14.9	15.2	15.7	16.1	16.5	16.8	16.9	16.9	16.8	16.6	16.3	16.0	15.7	15.5	15.4	15.7	14.8	16.9	2.1
9/15/07	15.2	15.0	14.9	14.8	14.7	14.6	14.5	14.5	14.5	14.7	15.1	15.5	16.0	16.4	16.7	16.9	16.9	16.8	16.5	16.1	15.7	15.5	15.3	15.1	15.5	14.5	16.9	2.4
9/16/07	14.9	14.8	14.6	14.5	14.4	14.4	14.4	14.3	14.3	14.5	14.8	15.2	15.6	16.1	16.5	16.7	16.5	16.4	16.3	15.9	15.6	15.4	15.3	15.1	15.3	14.3	16.7	2.4
9/17/07	15.0	14.9	14.7	14.5	14.5	14.4	14.3	14.2	14.2	14.3	14.6	15.0	15.3	15.5	15.9	15.9	15.8	15.8	15.7	15.6	15.3	15.1	14.9	14.7	15.0	14.2	15.9	1.7
9/18/07	14.6	14.6	14.5	14.4	14.3	14.2	14.2	14.1	14.0	14.1	14.3	14.7	15.2	15.6	16.0	16.2	16.2	16.0	15.7	15.3	15.0	14.6	14.3	14.0	14.8	14.0	16.2	2.2
9/19/07	13.7	13.6	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.6	13.7	14.0	14.1	14.3	14.1	14.0	13.7	13.5	13.2	13.0	12.8	12.8	12.7	13.5	12.7	14.3	1.6
9/20/07	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.4	12.4	12.6	12.6	12.9	13.2	13.6	13.7	13.6	13.5	13.2	13.1	12.9	12.7	12.6	12.4	12.2	12.8	12.2	13.7	1.4
9/21/07	12.1	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.9	12.0	12.1	12.2	12.5	12.9	13.0	12.9	12.8	12.6	12.6	12.4	12.2	12.1	12.0	11.9	12.3	11.9	13.0	1.1
9/22/07	11.7	11.7	11.7	11.6	11.6	11.5	11.5	11.5	11.5	11.6	11.6	11.7	11.8	11.9	12.0	12.1	12.3	12.2	12.2	12.1	12.0	11.8	11.7	11.5	11.8	11.5	12.3	0.8
9/23/07	11.4	11.3	11.2	11.1	11.0	11.0	11.0	11.0	11.0	10.9	11.1	11.5	12.0	12.3	12.4	12.7	12.7	12.5	12.3	12.1	12.0	11.8	11.7	11.5	11.7	10.9	12.7	1.8
9/24/07	11.4	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.9	11.0	11.2	11.5	11.9	12.2	12.6	12.9	12.8	12.3	11.9	11.7	11.5	11.3	11.1	11.0	11.5	10.9	12.9	2.0
9/25/07	10.9	10.8	10.7	10.6	10.4	10.3	10.3	10.3	10.3	10.4	11.0	11.6	12.2	12.4	12.6	12.6	12.3	12.1	12.0	11.9	11.8	11.7	11.5	11.3	11.3	10.3	12.6	2.3
9/26/07	11.2	11.1	10.9	10.8	10.7	10.6	10.5	10.4	10.2	10.5	11.2	11.6	11.9	12.1	12.2	12.3	12.1	11.9	11.8	11.8	11.7	11.5	11.4	11.4	11.3	10.2	12.3	2.0
9/27/07	11.3	11.2	11.1	11.0	10.9	11.0	11.0	10.9	10.9	11.0	11.4	12.0	12.4	12.9	13.2	13.0	12.8	12.7	12.6	12.4	12.2	12.0	11.9	11.7	11.8	10.9	13.2	2.3
9/28/07	11.5	11.3	11.2	11.1	10.9	10.8	10.7	10.6	10.7	10.8	10.9	11.0	11.1	11.3	11.5	11.5	11.5	11.4	11.2	11.0	10.8	10.6	10.3	10.1	11.0	10.1	11.5	1.4
9/29/07	10.0	10.0	10.0	9.9	9.9	9.8	9.6	9.6	9.5	9.7	10.2	10.7	11.0	11.2	11.8	11.9	11.7	11.4	11.3	11.1	10.9	10.7	10.6	10.4	10.5	9.5	11.9	2.4
9/30/07	10.3	10.2	10.1	10.1	9.9	9.8	9.6	9.6	9.6	9.7	10.1	10.4	10.8	11.1	11.4	11.9	12.2	12.1	11.9	11.6	11.4	11.1	10.7	10.5	10.7	9.6	12.2	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	10.5	Minimum	9.5
Mean Daily Mean	14.7	Mean Minimum	13.8
Maximum Daily Mean	18.3		
		Maximum	19.7
Minumum Range	0.8	Mean Maximum	15.8
Maximum Range	2.9		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Lower Blue Lake
Station BC2
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	5.8	5.4	5.2	5.3	6.0	6.1	6.0	6.4	6.5	6.2	6.0	6.0	5.7	5.8	6.4	5.5	5.0	5.3	5.4	6.4	7.3	6.5	6.0	5.7	5.9	5.0	7.3	2.3
6/2/07	5.4	5.3	5.4	6.0	6.5	6.9	6.2	6.2	6.1	5.7	6.0	6.0	6.6	6.5	5.3	5.9	5.9	6.2	6.5	6.1	6.1	6.4	6.1	5.9	6.1	5.3	6.9	1.6
6/3/07	5.5	5.5	5.6	5.8	5.7	6.0	6.2	5.9	5.9	6.7	6.5	5.6	6.0	6.7	6.2	6.5	6.1	5.5	5.4	5.1	5.2	6.0	7.0	6.5	6.0	5.1	7.0	1.9
6/4/07	6.3	6.5	6.2	6.3	5.9	5.4	5.6	5.5	5.4	5.8	6.3	6.7	6.8	6.1	6.6	7.0	6.4	6.2	6.3	5.9	6.2	6.2	5.7	6.2	6.1	5.4	7.0	1.5
6/5/07	6.8	5.8	6.5	6.6	5.9	6.2	6.4	6.0	5.8	5.5	5.8	6.4	6.8	6.5	6.1	5.9	5.7	5.5	6.5	7.3	6.5	6.7	7.3	5.7	6.3	5.5	7.3	1.8
6/6/07	5.6	6.5	5.9	4.9	5.8	7.2	6.3	6.0	6.2	6.3	6.4	6.1	6.0	6.8	6.4	5.6	6.2	6.7	6.5	5.9	5.7	5.9	6.3	6.2	6.1	4.9	7.2	2.3
6/7/07	6.4	7.2	6.9	6.2	6.0	6.0	5.8	5.9	6.2	6.3	6.7	6.8	7.1	7.4	6.7	7.3	7.1	6.1	5.9	5.1	5.0	5.2	6.3	6.3	6.3	5.0	7.4	2.4
6/8/07	6.8	7.1	7.0	6.5	6.1	6.0	5.7	6.3	6.9	5.6	6.0	6.6	6.8	7.0	7.0	6.8	6.4	5.7	5.9	7.2	6.7	6.7	6.8	6.7	6.5	5.6	7.2	1.6
6/9/07	6.7	6.3	6.2	6.8	6.8	6.2	5.9	6.9	7.4	6.6	6.8	6.9	6.8	6.6	6.9	7.2	7.1	7.4	6.2	7.1	6.8	6.1	5.5	6.1	6.6	5.5	7.4	1.9
6/10/07	7.0	6.7	6.8	6.6	6.4	6.1	5.9	6.3	6.9	7.1	7.0	7.0	7.2	7.0	6.5	7.4	6.9	6.4	7.0	6.5	7.1	7.4	6.8	6.8	6.8	5.9	7.4	1.5
6/11/07	6.3	6.2	6.1	6.3	6.7	7.4	6.9	7.5	7.8	6.7	6.5	7.2	7.6	6.3	6.1	6.4	6.2	7.0	6.9	6.9	7.2	6.8	6.5	6.7	6.7	6.1	7.8	1.7
6/12/07	6.7	6.1	5.4	5.3	7.0	7.9	7.6	7.5	7.1	7.3	7.7	6.9	7.5	6.7	6.7	6.7	6.7	7.0	7.3	6.9	7.0	6.5	6.9	6.9	6.9	5.3	7.9	2.7
6/13/07	6.8	6.6	6.6	7.0	7.7	7.6	7.5	7.5	7.7	7.2	7.9	7.9	7.5	7.0	6.8	6.8	6.7	6.7	6.5	7.1	7.6	7.2	6.7	6.8	7.1	6.5	7.9	1.4
6/14/07	6.4	6.6	7.1	7.4	7.9	7.7	7.4	7.6	7.4	7.6	7.4	7.7	7.1	6.8	6.5	6.8	6.3	6.9	7.7	7.4	7.1	6.8	6.8	6.5	7.1	6.3	7.9	1.6
6/15/07	7.3	7.8	8.4	8.2	7.7	7.2	6.8	7.4	7.1	7.2	7.4	7.7	6.9	7.0	6.6	6.6	6.9	7.7	8.5	7.8	7.2	6.5	6.5	6.8	7.3	6.5	8.5	2.0
6/16/07	6.7	7.8	8.1	8.3	7.7	7.1	6.6	6.5	6.8	6.5	6.8	7.6	7.6	7.8	6.9	7.1	7.3	7.1	8.4	7.5	7.9	8.3	7.0	6.6	7.3	6.5	8.4	1.9
6/17/07	6.7	6.7	6.3	6.6	7.4	7.4	7.5	7.2	6.9	7.1	7.6	8.0	8.3	8.1	7.4	7.4	8.0	8.0	8.1	7.9	8.2	7.3	6.4	7.0	7.4	6.3	8.3	2.0
6/18/07	7.7	6.5	6.8	7.4	7.9	7.6	7.3	7.3	7.9	8.2	8.0	7.9	7.3	7.2	6.8	7.6	7.9	8.3	8.2	7.8	7.7	7.5	8.0	7.1	7.6	6.5	8.3	1.8
6/19/07	7.5	7.5	7.9	7.7	7.3	7.5	7.4	7.8	8.1	7.4	7.3	8.2	7.8	7.9	7.7	7.9	7.6	8.1	8.3	8.7	8.4	9.0	8.0	7.3	7.8	7.3	9.0	1.8
6/20/07	7.2	7.4	8.5	7.0	7.6	7.5	6.9	7.6	8.0	8.2	8.4	8.5	7.4	7.5	8.5	8.0	9.0	8.1	7.1	7.5	7.7	9.1	7.8	8.8	7.9	6.9	9.1	2.2
6/21/07	7.5	7.6	6.7	7.1	6.7	8.0	7.8	7.6	7.6	8.1	8.5	8.9	9.2	8.9	7.4	8.4	8.3	8.1	8.6	7.7	7.8	7.4	7.7	7.7	7.9	6.7	9.2	2.5
6/22/07	8.3	7.9	8.2	8.4	7.9	8.6	8.7	9.1	8.5	8.1	8.1	7.7	8.3	8.3	8.2	7.6	8.0	8.2	7.6	7.9	8.9	8.5	8.4	8.7	8.3	7.6	9.1	1.5
6/23/07	9.3	9.4	8.9	8.6	8.9	8.5	8.6	7.7	7.0	7.5	7.9	7.3	7.3	8.0	8.6	8.5	8.6	9.4	10.1	9.0	8.7	9.0	9.1	8.2	8.5	7.0	10.1	3.1
6/24/07	8.4	7.9	8.2	8.5	8.5	8.1	7.4	7.9	7.6	8.3	8.9	9.5	9.4	8.8	8.3	7.7	8.0	8.6	9.1	9.4	8.5	7.8	8.0	8.4	8.4	7.4	9.5	2.1
6/25/07	10.1	10.0	9.8	9.1	8.3	8.3	8.5	8.5	8.8	8.5	9.1	9.8	9.6	10.0	10.6	10.6	10.3	9.2	9.4	9.9	10.0	10.6	10.1	10.2	9.5	8.3	10.6	2.4
6/26/07	9.8	9.7	9.7	10.1	10.1	9.6	9.9	10.2	9.8	9.9	10.8	11.3	11.0	10.7	10.2	10.3	9.7	9.3	9.5	10.3	10.1	10.6	10.4	9.8	10.1	9.3	11.3	2.0
6/27/07	9.9	10.7	10.7	10.1	9.6	9.8	10.1	10.7	11.2	11.7	11.0	10.4	10.4	9.6	9.2	9.9	10.4	10.5	10.4	10.8	10.1	10.3	10.7	10.9	10.4	9.2	11.7	2.5
6/28/07	10.6	11.1	10.7	10.0	10.3	10.5	10.7	11.6	11.9	11.6	10.6	11.5	10.5	11.4	9.9	10.7	9.2	9.9	10.2	11.4	10.9	10.9	10.5	11.2	10.7	9.2	11.9	2.7
6/29/07	11.2	11.7	11.2	10.2	10.8	10.8	11.3	11.7	12.4	11.5	11.5	10.4	10.6	10.0	12.2	10.4	11.4	11.3	11.8	11.4	10.3	9.7	9.8	11.0	11.0	9.7	12.4	2.7
6/30/07	11.3	11.4	11.5	11.6	12.2	12.3	12.5	11.2	11.0	10.4	11.4	10.3	11.2	10.3	12.0	12.2	12.2	11.2	11.9	11.7	11.6	11.0	11.1	11.5	11.5	10.3	12.5	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	5.9	Minimum	4.9
Mean Daily Mean	7.7	Mean Minimum	6.7
Maximum Daily Mean	11.5		
		Maximum	12.5
Minumum Range	1.4	Mean Maximum	8.8
Maximum Range	3.1		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Lower Blue Lake
Station BC2
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	10.6	11.9	11.9	11.0	11.2	12.4	12.4	12.7	12.7	12.2	11.9	11.4	12.6	11.6	12.6	10.9	11.0	11.9	11.3	12.2	11.2	12.2	10.9	11.6	11.8	10.6	12.7	2.1
7/2/07	11.9	12.1	12.4	11.5	12.4	12.5	12.9	12.3	12.7	11.3	11.4	12.0	12.7	11.6	12.6	13.1	11.9	12.1	11.6	12.2	12.8	12.1	13.0	12.1	12.2	11.3	13.1	1.9
7/3/07	11.9	12.6	12.2	11.8	11.8	12.6	12.5	13.1	13.3	13.0	12.3	12.2	13.0	13.0	13.3	12.3	12.5	12.4	12.9	13.1	13.2	13.0	13.3	12.9	12.7	11.8	13.3	1.6
7/4/07	12.7	12.7	12.5	12.5	11.7	11.6	12.7	13.9	14.2	13.7	13.1	13.3	13.8	13.4	13.7	13.0	13.2	11.5	11.7	12.1	13.8	14.4	14.2	14.3	13.1	11.5	14.4	2.8
7/5/07	13.2	12.6	12.2	11.8	12.0	13.2	13.6	13.5	14.4	14.6	14.1	12.9	13.7	12.7	13.6	11.9	12.9	12.6	13.3	14.5	14.5	14.3	13.6	13.2	13.3	11.8	14.6	2.8
7/6/07	13.3	12.7	12.0	13.2	14.4	14.9	14.8	14.6	13.5	12.9	13.6	13.5	14.2	13.6	14.0	13.7	14.2	13.6	14.2	12.7	12.5	13.9	14.3	15.1	13.7	12.0	15.1	3.1
7/7/07	14.8	14.2	14.8	14.5	13.9	13.9	13.6	13.9	13.5	13.1	13.6	13.5	14.4	14.3	14.8	15.4	14.0	13.7	12.7	10.9	13.3	15.1	15.6	15.9	14.1	10.9	15.9	5.0
7/8/07	15.4	14.6	13.1	13.0	13.0	14.0	14.2	14.4	14.5	14.8	14.8	14.8	14.0	14.0	14.7	14.3	14.4	13.9	13.5	14.7	15.1	15.5	15.7	15.2	14.4	13.0	15.7	2.7
7/9/07	14.3	13.8	13.4	14.4	14.1	14.6	14.8	15.4	15.3	15.4	14.6	14.2	14.4	14.9	14.8	14.9	14.7	15.0	14.4	15.5	14.8	15.1	14.8	14.9	14.7	13.4	15.5	2.1
7/10/07	14.8	14.1	14.2	14.8	15.0	15.5	15.5	15.1	14.8	15.1	15.1	15.0	15.4	15.6	15.2	15.7	14.8	14.4	15.1	14.2	14.5	14.9	14.9	15.6	15.0	14.1	15.7	1.6
7/11/07	15.8	15.1	14.9	15.3	15.4	14.9	14.9	14.9	15.3	14.9	15.6	15.5	15.4	15.1	15.4	15.4	15.1	15.1	15.3	15.8	15.8	14.9	15.7	15.3	15.3	14.9	15.8	1.0
7/12/07	15.3	15.3	15.0	14.9	14.9	15.5	15.5	15.7	15.6	15.6	15.4	15.6	15.6	16.5	16.1	16.1	16.4	13.6	14.1	14.9	14.8	15.9	15.6	15.6	15.4	13.6	16.5	2.9
7/13/07	16.1	15.8	15.4	16.3	16.0	15.5	15.4	15.3	15.2	15.2	15.2	15.9	16.1	16.4	16.2	16.2	15.6	15.7	16.3	15.9	16.0	15.7	15.3	15.6	15.8	15.2	16.4	1.2
7/14/07	15.7	15.6	15.7	16.1	15.9	15.9	16.2	16.1	15.6	15.9	16.4	16.2	16.5	16.9	16.8	17.2	16.6	15.1	15.6	15.4	14.3	15.9	16.6	16.8	16.0	14.3	17.2	2.9
7/15/07	17.0	16.1	15.7	15.8	15.6	15.8	16.0	15.9	16.2	16.5	16.5	16.8	16.9	17.0	16.8	16.2	15.8	15.4	16.2	17.1	17.0	16.8	16.7	16.3	16.3	15.4	17.1	1.7
7/16/07	15.7	16.1	16.5	16.7	16.5	16.5	16.4	16.5	16.1	16.4	16.9	17.0	17.3	16.8	17.7	17.1	16.0	15.9	16.2	16.9	16.4	16.7	16.8	17.1	16.6	15.7	17.7	2.0
7/17/07	16.7	16.3	16.7	15.9	16.8	16.8	16.9	16.8	17.1	16.8	16.9	17.2	16.9	18.0	18.0	18.4	17.9	16.9	16.2	16.6	16.1	16.2	17.0	17.3	16.9	15.9	18.4	2.5
7/18/07	17.5	17.6	17.4	17.4	17.4	17.3	16.9	16.6	16.4	16.9	16.8	17.0	17.3	17.6	17.7	18.3	18.2	17.7	17.8	17.3	16.6	17.2	17.5	16.9	17.3	16.4	18.3	1.9
7/19/07	17.4	17.6	17.4	17.6	17.7	17.7	17.5	17.7	17.3	17.3	17.5	17.4	17.6	17.8	18.0	17.9	17.9	17.5	17.6	17.6	17.7	17.9	18.0	17.5	17.6	17.3	18.0	0.7
7/20/07	17.5	17.3	17.3	17.6	17.6	17.8	17.8	17.3	17.2	17.3	17.7	17.6	17.2	18.0	18.0	18.1	17.7	17.9	17.5	17.3	17.9	17.8	17.8	17.6	17.6	17.2	18.1	0.9
7/21/07	17.5	17.4	17.5	17.8	17.9	17.7	17.7	17.7	17.5	17.4	17.6	17.4	17.5	17.9	18.0	17.9	18.1	17.8	17.5	17.7	17.9	17.6	18.0	17.8	17.7	17.4	18.1	0.7
7/22/07	17.3	17.6	17.8	17.8	17.9	17.9	17.6	17.5	17.4	17.5	17.8	17.7	18.1	18.0	17.9	17.8	17.5	17.7	18.1	18.0	18.0	18.0	18.0	17.9	17.8	17.3	18.1	0.8
7/23/07	17.4	17.8	18.2	18.1	18.1	17.4	17.6	17.4	17.5	17.8	17.9	18.1	18.0	17.7	17.9	18.1	17.9	18.4	18.6	18.3	17.9	17.8	17.3	17.2	17.8	17.2	18.6	1.3
7/24/07	17.3	17.8	18.0	18.1	18.1	17.8	17.8	17.7	17.7	17.8	17.9	18.0	17.8	17.8	18.1	18.2	18.1	18.1	17.8	17.8	17.8	18.0	17.8	18.0	17.9	17.3	18.2	0.9
7/25/07	17.7	18.0	18.1	18.1	17.9	17.6	17.7	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.1	18.2	18.1	17.9	18.2	18.4	18.4	18.4	18.3	17.9	18.0	17.6	18.4	0.8
7/26/07	18.1	18.2	18.2	18.1	17.8	17.7	17.7	17.9	18.2	18.3	18.3	18.1	18.0	17.9	18.2	18.2	18.6	18.5	18.3	18.3	18.7	18.4	18.3	18.3	18.2	17.7	18.7	1.0
7/27/07	18.1	17.9	18.3	18.3	18.0	18.1	18.1	18.0	18.3	18.5	18.3	18.3	18.4	18.2	18.3	18.3	18.6	18.3	18.4	18.6	18.6	18.5	18.4	18.0	18.3	17.9	18.6	0.7
7/28/07	18.1	18.4	18.2	18.4	18.4	18.2	18.2	18.3	18.5	18.5	18.3	18.1	18.5	18.3	18.5	18.7	18.7	18.3	18.4	18.4	18.7	18.6	18.6	18.4	18.4	18.1	18.7	0.6
7/29/07	18.1	18.4	18.8	18.7	18.6	18.3	18.2	18.3	18.5	18.6	18.5	18.4	18.2	18.6	18.8	19.0	19.0	18.1	18.0	18.5	19.0	19.0	18.6	18.3	18.5	18.0	19.0	1.0
7/30/07	17.8	18.7	18.8	18.9	18.8	18.3	18.2	18.4	18.5	18.6	18.7	18.6	18.5	18.8	19.1	19.2	19.0	18.4	18.4	18.5	18.9	19.0	18.8	18.8	18.7	17.8	19.2	1.4
7/31/07	18.5	18.7	18.8	18.8	18.9	18.6	18.4	18.6	18.7	18.6	18.7	19.0	18.9	18.9	18.9	19.1	18.8	18.7	18.7	18.9	18.9	19.1	19.1	18.9	18.8	18.4	19.1	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	11.8	Minimum	10.6
Mean Daily Mean	16.1	Mean Minimum	15.2
Maximum Daily Mean	18.8		
		Maximum	19.2
Minumum Range	0.6	Mean Maximum	16.9
Maximum Range	5.0		
		Mean Range	1.7
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Lower Blue Lake
Station BC2
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	18.9	19.0	18.9	18.8	18.5	18.6	18.6	18.6	18.8	18.8	18.9	18.9	18.8	18.9	19.0	19.1	19.0	19.1	19.1	19.3	19.3	19.0	18.8	18.7	18.9	18.5	19.3	0.8
8/2/07	18.1	18.6	18.9	18.9	18.7	18.8	18.8	18.9	19.1	18.9	18.8	18.7	18.8	19.2	19.2	19.2	19.5	18.2	18.1	18.4	18.5	18.4	18.7	19.1	18.8	18.1	19.5	1.4
8/3/07	19.1	19.3	19.4	19.4	18.9	18.7	18.7	18.7	18.7	18.6	19.1	19.0	19.1	19.5	19.4	19.4	19.3	19.0	19.1	19.4	19.2	19.1	18.9	18.8	19.1	18.6	19.5	0.8
8/4/07	18.9	18.8	18.7	18.9	18.9	18.9	19.2	19.2	19.2	19.1	18.9	18.6	18.7	19.2	19.5	19.5	19.6	19.3	19.3	19.3	19.1	19.3	18.9	18.5	19.1	18.5	19.6	1.1
8/5/07	18.7	18.8	18.8	19.1	19.2	19.0	19.0	18.9	18.6	18.8	18.7	18.6	18.6	18.7	19.0	19.1	19.3	19.2	18.6	19.3	18.7	19.0	19.2	19.1	18.9	18.6	19.3	0.7
8/6/07	18.8	19.0	18.9	18.9	18.9	18.9	18.8	18.5	18.6	18.5	18.6	18.8	18.6	18.3	18.5	18.6	18.8	18.8	18.9	18.9	18.9	18.8	18.7	18.8	18.7	18.3	19.0	0.7
8/7/07	18.8	18.6	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.4	18.4	18.6	18.7	18.8	18.7	18.4	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.5	18.5	18.3	18.8	0.5
8/8/07	18.4	18.5	18.5	18.5	18.5	18.3	18.3	18.4	18.4	18.3	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.3	18.2	18.5	0.3
8/9/07	18.4	18.3	18.3	18.5	18.5	18.5	18.3	18.2	18.1	18.2	18.3	18.3	18.3	18.4	18.4	18.2	18.3	18.4	18.3	18.4	18.4	18.4	18.5	18.5	18.3	18.1	18.5	0.4
8/10/07	18.5	18.3	18.5	18.6	18.4	18.5	18.3	18.3	18.3	18.4	18.3	18.1	18.0	18.1	18.1	18.2	18.3	18.3	18.2	18.3	18.3	18.3	18.4	18.3	18.3	18.0	18.6	0.6
8/11/07	18.2	18.2	18.2	18.4	18.3	18.3	18.2	18.2	18.1	18.1	18.0	17.9	18.1	18.1	18.1	18.2	18.3	18.5	18.8	18.5	18.3	18.1	18.1	17.9	18.2	17.9	18.8	0.9
8/12/07	18.1	17.8	17.7	17.8	17.9	18.1	18.0	18.0	18.0	18.0	18.0	18.0	17.7	17.6	17.6	17.8	18.0	18.1	18.0	18.0	17.9	17.8	17.8	17.7	17.9	17.6	18.1	0.5
8/13/07	17.7	17.8	17.7	17.6	17.8	17.8	17.8	17.8	17.8	17.6	17.8	17.6	17.6	17.6	17.6	17.7	17.8	17.8	18.0	17.9	18.0	17.9	18.0	17.6	17.8	17.6	18.0	0.4
8/14/07	17.5	17.2	17.4	17.4	17.4	17.6	17.7	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.8	17.7	17.7	17.7	17.6	17.7	17.7	17.7	17.8	17.8	17.6	17.2	17.8	0.6
8/15/07	17.8	17.7	17.8	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.8	17.9	17.8	17.6	17.8	17.9	17.8	17.7	17.7	17.8	17.7	17.8	17.8	17.8	17.6	17.9	0.3
8/16/07	17.9	17.9	17.9	17.9	17.9	17.8	17.8	17.7	17.7	17.7	17.7	17.8	17.7	17.8	17.8	17.9	17.9	17.9	17.9	17.8	18.0	18.0	18.1	18.0	17.9	17.7	18.1	0.4
8/17/07	17.9	17.9	17.9	18.0	18.0	18.0	18.0	17.8	17.8	17.8	17.9	17.8	17.7	17.8	17.7	17.7	17.7	17.7	17.8	17.8	17.9	17.9	17.9	18.0	17.8	17.7	18.0	0.3
8/18/07	18.0	17.9	17.9	17.8	17.8	17.8	17.8	17.6	17.7	17.7	17.7	17.8	17.7	17.8	17.7	17.4	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.4	18.0	0.6
8/19/07	17.7	17.7	17.6	17.5	17.5	17.4	17.4	17.3	17.2	17.2	17.3	17.3	17.4	17.3	17.1	17.2	17.2	17.3	17.3	17.4	17.3	17.3	17.3	17.3	17.4	17.1	17.7	0.6
8/20/07	17.4	17.4	17.4	17.4	17.4	17.3	17.3	17.3	17.2	17.2	17.3	17.3	17.3	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.1	17.4	0.3
8/21/07	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.2	17.2	17.2	17.2	17.3	17.2	17.3	17.3	17.1	17.1	17.2	17.2	17.3	17.3	17.3	17.4	17.5	17.3	17.1	17.5	0.4
8/22/07	17.4	17.4	17.4	17.3	17.3	17.3	17.1	17.2	17.3	17.4	17.4	17.6	17.5	18.5	17.3	17.4	17.4	17.4	17.5	17.6	17.6	17.6	17.7	17.7	17.5	17.1	18.5	1.3
8/23/07	17.6	17.6	17.4	17.2	17.3	17.4	17.3	17.4	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.6	17.7	17.6	17.5	17.2	17.7	0.5
8/24/07	17.6	17.6	17.7	17.8	17.8	17.8	17.7	17.5	17.5	17.6	17.7	17.7	17.8	17.9	18.0	18.1	18.4	17.8	17.5	17.5	17.6	17.7	17.8	17.9	17.7	17.5	18.4	0.9
8/25/07	18.0	17.9	18.0	17.9	17.9	17.7	17.7	17.7	17.9	17.9	17.6	17.6	17.6	17.8	17.8	17.9	18.1	18.1	18.0	17.9	18.0	18.0	18.0	17.8	17.9	17.6	18.1	0.5
8/26/07	17.7	18.1	18.1	18.2	18.2	18.0	18.1	17.9	17.9	18.0	17.7	17.6	17.7	18.1	18.3	18.0	18.1	18.1	17.9	18.1	18.1	18.1	18.2	18.2	18.0	17.6	18.3	0.7
8/27/07	18.1	18.2	18.3	18.1	18.2	17.8	17.9	18.0	18.1	18.1	17.9	17.8	17.9	18.2	18.1	18.4	18.4	18.2	18.0	18.0	18.1	18.1	18.1	18.1	18.1	17.8	18.4	0.6
8/28/07	18.2	18.3	18.3	18.3	18.3	18.1	18.1	18.2	18.1	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.2	18.3	18.4	18.4	18.2	18.3	18.2	18.1	18.2	18.0	18.4	0.4
8/29/07	18.1	18.2	18.1	18.2	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0	17.9	17.9	17.9	18.1	18.4	18.2	18.1	18.1	18.1	18.1	18.1	18.1	17.9	18.4	0.5
8/30/07	18.1	18.0	18.2	18.2	18.1	18.1	18.1	18.1	18.1	18.0	18.0	18.0	18.1	18.1	18.1	18.2	18.2	18.1	18.1	18.2	18.2	18.2	18.3	18.3	18.1	18.0	18.3	0.3
8/31/07	18.3	18.3	18.2	18.2	18.3	18.2	18.2	18.2	18.2	18.3	18.2	18.1	17.8	17.8	18.0	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	17.8	18.3	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	17.2	Minimum	17.1
Mean Daily Mean	18.1	Mean Minimum	17.8
Maximum Daily Mean	19.1		
		Maximum	19.6
Minumum Range	0.3	Mean Maximum	18.4
Maximum Range	1.4		
		Mean Range	0.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Blue Creek below Lower Blue Lake
Station BC2
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	18.1	18.2	18.1	18.1	18.1	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	17.9	17.9	17.9	18.1	18.0	17.9	17.9	18.0	18.0	18.1	18.0	17.9	18.2	0.3
9/2/07	18.1	18.1	18.1	18.1	18.1	18.1	18.0	18.1	18.1	18.0	17.8	17.6	17.8	18.0	18.0	18.1	18.2	18.2	18.2	18.3	18.2	18.2	18.2	18.2	18.1	17.6	18.3	0.7
9/3/07	18.2	18.1	18.2	18.2	18.1	18.1	18.1	18.0	18.0	18.0	18.1	17.9	17.8	17.9	18.0	18.0	18.0	18.0	18.1	18.3	18.2	18.2	18.2	18.1	18.1	17.8	18.3	0.4
9/4/07	18.1	18.0	18.0	17.9	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.8	17.9	17.9	17.9	17.6	17.5	17.6	17.7	17.7	17.7	17.8	17.7	17.7	17.8	17.5	18.1	0.6
9/5/07	17.6	17.6	17.6	17.5	17.4	17.4	17.3	17.3	17.2	17.3	17.3	17.4	17.5	17.6	17.6	17.4	17.4	17.4	17.4	17.5	17.5	17.5	17.4	17.3	17.4	17.2	17.6	0.4
9/6/07	17.3	17.3	17.2	17.2	17.1	17.1	17.0	16.9	16.9	17.0	17.1	17.2	17.2	17.4	17.7	17.6	17.7	17.8	17.7	17.2	17.1	17.1	17.1	17.2	17.2	16.9	17.8	0.9
9/7/07	17.2	17.3	17.3	17.4	17.4	17.4	17.3	17.3	17.2	17.2	17.3	17.2	17.2	17.4	17.8	17.7	17.7	17.6	17.1	17.1	17.1	17.0	17.1	17.2	17.3	17.0	17.8	0.8
9/8/07	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.2	17.0	16.9	17.0	17.1	17.1	17.2	17.4	17.6	17.4	17.2	17.2	17.2	16.9	17.6	0.7
9/9/07	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.2	17.2	17.2	17.3	17.3	17.1	17.0	17.0	17.1	17.3	17.4	17.5	17.6	17.4	17.3	17.2	17.3	17.0	17.6	0.6
9/10/07	17.1	17.1	17.2	17.3	17.2	17.1	17.0	16.9	16.9	17.0	17.0	17.1	17.2	17.2	17.1	17.1	17.0	17.0	17.0	17.1	17.1	17.0	17.0	17.0	17.1	16.9	17.3	0.4
9/11/07	17.0	16.9	16.9	16.9	16.9	16.8	16.7	16.7	16.7	16.7	16.8	16.9	17.0	17.2	17.3	17.1	17.0	16.9	16.8	16.8	16.8	16.9	16.9	17.0	16.9	16.7	17.3	0.6
9/12/07	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9	16.9	16.9	16.9	16.9	16.7	16.6	16.6	16.6	16.7	16.8	16.8	16.8	16.8	16.7	16.8	16.8	16.8	16.6	17.0	0.4
9/13/07	16.8	16.8	16.8	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.5	16.5	16.5	16.5	16.2	16.3	16.4	16.7	16.7	16.5	16.5	16.5	16.5	16.4	16.5	16.2	16.8	0.6
9/14/07	16.4	16.3	16.2	16.2	16.1	16.0	15.9	15.9	15.8	15.8	15.9	16.0	16.0	16.0	15.7	15.8	15.9	16.3	16.3	16.2	16.2	16.2	16.1	16.1	16.0	15.7	16.4	0.6
9/15/07	16.0	15.9	15.9	15.8	15.7	15.6	15.6	15.6	15.5	15.6	15.6	15.7	15.9	16.0	16.0	16.1	16.2	16.1	16.1	15.8	15.4	15.5	15.5	15.5	15.8	15.4	16.2	0.8
9/16/07	15.6	15.6	15.6	15.6	15.5	15.4	15.3	15.3	15.3	15.3	15.4	15.5	15.4	15.4	15.6	15.8	15.8	15.9	15.9	15.8	15.7	15.4	15.5	15.3	15.5	15.3	15.9	0.6
9/17/07	15.3	15.3	15.3	15.4	15.4	15.4	15.3	15.3	15.2	15.2	15.2	15.3	15.2	15.2	15.2	15.2	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.1	15.4	0.3
9/18/07	15.2	15.2	15.2	15.2	15.2	15.2	15.1	15.0	15.0	15.0	15.0	15.1	15.2	15.2	15.2	15.1	15.2	15.1	15.1	15.1	14.9	14.9	14.9	14.9	15.1	14.9	15.2	0.3
9/19/07	14.9	14.9	14.8	14.8	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.3	14.3	14.2	14.2	14.2	14.2	14.2	14.1	14.1	14.0	14.0	14.0	14.4	14.0	14.9	0.9
9/20/07	13.9	13.8	13.7	13.7	13.6	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.4	13.4	13.3	13.2	13.1	13.5	13.1	13.9	0.7
9/21/07	13.1	13.1	13.0	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.2	13.3	13.2	13.3	13.3	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.1	12.9	13.3	0.4
9/22/07	13.0	13.0	12.9	12.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.6	12.8	12.6	13.0	0.4
9/23/07	12.6	12.6	12.5	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.2	12.4	12.5	12.6	12.6	12.6	12.7	12.5	12.4	12.5	12.5	12.4	12.4	12.4	12.2	12.7	0.5
9/24/07	12.4	12.4	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.9	12.0	12.1	12.2	12.4	12.2	12.2	12.0	12.0	12.0	12.0	11.9	11.9	11.8	11.7	12.1	11.7	12.4	0.7
9/25/07	11.7	11.8	11.8	11.7	11.7	11.7	11.7	11.7	11.6	11.7	11.8	12.0	12.2	12.5	12.7	12.5	12.2	12.0	12.0	11.9	11.9	11.9	11.9	11.9	11.9	11.6	12.7	1.0
9/26/07	12.0	12.1	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.9	12.0	12.1	12.1	12.2	12.2	12.2	12.1	12.0	12.1	12.1	12.2	12.3	12.3	12.2	12.1	11.9	12.3	0.4
9/27/07	12.2	12.1	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.9	11.9	12.1	12.2	12.3	12.2	12.3	12.5	12.2	12.2	12.2	12.2	12.2	12.1	12.1	12.1	11.9	12.5	0.6
9/28/07	12.1	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.8	11.8	11.8	11.8	11.8	11.8	11.6	11.6	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.8	11.5	12.1	0.6
9/29/07	11.5	11.4	11.4	11.3	11.2	11.2	11.1	11.0	10.9	10.9	11.1	11.2	11.3	11.4	11.4	11.3	11.2	11.2	11.2	11.1	11.1	11.1	11.1	11.0	11.2	10.9	11.5	0.6
9/30/07	11.2	11.1	11.1	11.1	11.1	11.1	11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.0	10.9	10.9	10.9	10.9	10.9	10.8	10.8	10.8	10.8	11.0	10.8	11.2	0.4

*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	11.0	Minimum	10.8
Mean Daily Mean	15.1	Mean Minimum	14.8
Maximum Daily Mean	18.1		
		Maximum	18.3
Minumum Range	0.3	Mean Maximum	15.4
Maximum Range	1.0		
		Mean Range	0.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Twin Lake
Station MC1
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	11.2	11.2	11.2	11.2	11.0	10.9	10.8	10.9	11.0	11.1	11.2	11.4	11.4	11.1	11.0	11.4	11.4	11.7	12.1	12.1	11.5	11.4	11.5	11.8	11.3	10.8	12.1	1.3
6/2/07	11.7	11.6	11.5	11.6	11.6	11.4	11.3	11.4	11.5	11.6	11.7	11.7	11.7	11.8	12.1	12.1	12.2	12.3	12.3	12.4	12.2	12.0	11.9	11.8	11.8	11.3	12.4	1.1
6/3/07	11.9	12.1	12.3	12.3	12.0	12.2	12.3	12.2	12.0	12.0	11.9	12.1	12.2	12.6	12.9	12.4	12.3	12.6	12.9	13.1	12.7	12.2	12.1	12.3	12.3	11.9	13.1	1.3
6/4/07	12.6	12.8	12.6	12.3	12.5	12.6	12.6	12.4	12.5	12.4	12.3	12.5	12.7	13.1	13.5	13.5	13.2	12.8	12.5	13.0	13.0	12.9	12.7	13.0	12.7	12.3	13.5	1.2
6/5/07	13.2	13.2	13.0	13.0	12.9	12.8	12.5	12.8	13.2	13.2	13.3	13.4	13.3	13.3	13.1	13.1	13.0	13.3	13.3	13.2	13.2	13.1	12.9	12.6	13.1	12.5	13.4	0.9
6/6/07	12.4	12.4	12.2	12.1	11.9	11.8	11.7	11.6	11.6	11.7	11.8	11.9	11.9	11.9	11.9	11.8	11.7	11.7	11.7	11.7	11.8	11.8	11.7	11.6	11.8	11.6	12.4	0.9
6/7/07	11.4	11.3	11.1	10.9	10.8	10.9	10.7	10.7	10.7	10.8	10.9	11.1	11.4	11.7	12.1	12.3	12.2	11.3	11.2	11.2	11.3	11.3	11.3	11.5	11.3	10.7	12.3	1.6
6/8/07	11.6	11.7	11.8	11.6	11.5	11.6	11.6	11.6	11.5	11.5	11.7	11.9	12.0	11.8	11.8	11.8	11.8	11.8	11.9	11.9	12.0	12.0	12.0	12.1	11.8	11.5	12.1	0.6
6/9/07	12.3	12.3	12.3	12.3	12.2	12.1	12.0	12.0	12.0	12.1	12.3	12.5	12.8	12.6	12.1	12.2	12.2	12.3	12.4	12.5	12.6	12.7	12.8	13.0	12.4	12.0	13.0	1.0
6/10/07	12.9	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.8	12.6	12.5	12.7	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.4	13.6	13.6	13.6	12.9	12.5	13.6	1.1
6/11/07	13.6	13.6	13.5	13.4	13.4	13.3	13.2	13.2	13.2	13.3	13.4	13.5	13.5	13.2	13.2	13.4	13.5	13.6	13.7	13.7	13.7	13.9	14.1	14.1	13.5	13.2	14.1	1.0
6/12/07	14.1	14.0	14.0	14.0	13.9	13.9	13.8	13.8	13.8	13.9	14.0	14.2	14.2	13.9	13.9	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.5	14.4	14.1	13.8	14.5	0.7
6/13/07	14.3	14.3	14.5	14.5	14.6	14.6	14.5	14.4	14.5	14.5	14.7	15.0	14.6	14.5	14.6	14.8	14.9	14.9	15.0	15.0	15.1	15.2	15.2	15.1	14.7	14.3	15.2	0.9
6/14/07	15.0	15.1	15.2	15.2	15.3	15.3	15.2	15.2	15.2	15.3	15.4	15.4	15.3	15.2	15.2	15.5	15.6	15.7	15.8	15.9	15.7	15.6	15.7	15.6	15.4	15.0	15.9	0.9
6/15/07	15.4	15.3	15.4	15.5	15.5	15.6	15.6	15.7	15.7	15.8	15.7	15.9	16.0	15.8	15.8	16.0	16.1	16.2	16.4	16.4	16.3	16.5	16.6	16.5	15.9	15.3	16.6	1.3
6/16/07	16.4	16.5	16.4	16.4	16.4	16.3	16.2	16.2	16.2	16.3	16.5	16.5	16.6	16.7	16.7	16.4	16.6	16.7	16.7	16.8	16.9	17.1	17.1	17.0	16.6	16.2	17.1	0.9
6/17/07	16.9	16.8	16.8	16.7	16.6	16.5	16.4	16.3	16.3	16.4	16.5	16.7	16.9	17.0	16.8	16.7	16.7	16.7	16.8	16.8	16.9	17.0	17.0	17.1	16.7	16.3	17.1	0.8
6/18/07	17.1	17.0	16.9	16.9	16.8	16.8	16.7	16.6	16.6	16.7	16.9	17.1	17.1	16.9	16.9	17.1	17.2	17.3	17.3	17.4	17.4	17.6	17.7	17.7	17.1	16.6	17.7	1.1
6/19/07	17.6	17.5	17.5	17.4	17.3	17.2	17.1	17.1	17.1	17.2	17.4	17.5	17.5	17.6	17.7	17.7	17.6	17.7	17.8	17.9	17.9	18.0	17.9	17.9	17.5	17.1	18.0	0.9
6/20/07	17.9	17.7	17.6	17.4	17.3	17.2	17.1	17.1	17.1	17.2	17.4	17.6	17.8	17.8	17.9	17.9	17.9	17.8	17.8	17.8	17.9	17.9	17.9	17.8	17.6	17.1	17.9	0.8
6/21/07	17.7	17.6	17.5	17.4	17.3	17.2	17.1	17.1	17.1	17.2	17.3	17.3	17.5	17.6	17.7	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.8	17.6	17.1	17.9	0.8
6/22/07	17.7	17.6	17.5	17.4	17.3	17.2	17.1	17.1	17.1	17.3	17.4	17.4	17.5	17.6	17.7	17.7	17.8	17.9	17.9	17.9	17.9	18.0	18.0	17.9	17.6	17.1	18.0	0.9
6/23/07	17.8	17.7	17.7	17.5	17.3	17.2	17.2	17.1	17.1	17.2	17.4	17.4	17.5	17.6	17.7	17.7	17.8	17.8	17.8	17.9	17.9	17.8	17.8	17.6	17.6	17.1	17.9	0.8
6/24/07	17.5	17.4	17.2	17.1	16.8	16.8	16.8	16.7	16.7	16.8	16.9	17.1	17.2	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.5	17.4	17.3	17.3	16.7	17.7	1.0
6/25/07	17.2	17.1	17.0	16.9	16.8	16.7	16.6	16.5	16.4	16.4	16.5	16.7	16.9	17.2	17.3	17.1	17.0	17.0	17.0	17.1	17.1	17.1	17.2	17.2	16.9	16.4	17.3	0.9
6/26/07	17.2	17.1	17.1	17.0	16.9	16.8	16.7	16.6	16.6	16.7	16.8	17.0	17.1	17.3	17.2	17.2	17.3	17.3	17.4	17.4	17.4	17.5	17.4	17.4	17.1	16.6	17.5	0.9
6/27/07	17.3	17.2	17.1	17.0	16.9	16.9	16.8	16.7	16.7	16.8	16.9	17.0	17.1	17.5	17.4	17.4	17.5	17.5	17.6	17.6	17.7	17.7	17.5	17.4	17.2	16.7	17.7	1.0
6/28/07	17.4	17.3	17.2	17.0	16.8	16.7	16.6	16.6	16.6	16.7	16.9	17.1	17.2	17.3	17.4	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.5	17.2	16.6	17.6	1.1
6/29/07	17.3	17.1	16.9	16.9	16.8	16.7	16.6	16.5	16.5	16.7	16.9	17.0	17.1	17.3	17.4	17.5	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.1	16.5	17.6	1.1
6/30/07	17.5	17.4	17.3	17.2	17.1	17.1	17.0	16.9	17.0	17.0	17.0	17.1	17.2	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.7	17.7	17.6	17.5	17.3	16.9	17.7	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	11.3	Minimum	10.7
Mean Daily Mean	15.1	Mean Minimum	14.7
Maximum Daily Mean	17.6		
		Maximum	18.0
Minumum Range	0.6	Mean Maximum	15.6
Maximum Range	1.6		
		Mean Range	1.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Twin Lake
Station MC1
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	17.4	17.3	17.2	17.2	17.1	17.0	16.9	16.8	16.8	16.9	17.1	17.2	17.3	17.4	17.5	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.6	17.3	16.8	17.7	0.9
7/2/07	17.5	17.5	17.4	17.3	17.1	17.0	16.9	16.9	16.8	16.9	17.1	17.2	17.3	17.4	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.4	16.8	17.7	0.9
7/3/07	17.5	17.4	17.3	17.3	17.2	17.1	17.0	16.9	16.9	16.9	17.1	17.2	17.4	17.6	17.6	17.6	17.7	17.8	17.8	17.9	17.9	17.9	18.0	18.0	17.5	16.9	18.0	1.1
7/4/07	18.1	18.0	18.0	17.9	17.9	17.8	17.7	17.6	17.6	17.7	18.0	18.2	18.6	18.9	18.5	18.2	18.3	18.4	18.4	18.4	18.5	18.5	18.6	18.6	18.2	17.6	18.9	1.3
7/5/07	18.5	18.6	18.7	18.6	18.6	18.5	18.5	18.4	18.4	18.5	18.7	18.9	19.0	18.8	18.8	18.9	19.0	19.0	19.0	19.2	19.1	19.2	19.0	19.0	18.8	18.4	19.2	0.8
7/6/07	19.0	19.1	19.1	19.1	19.0	18.9	18.9	18.8	18.9	19.1	19.1	19.2	19.4	19.5	19.5	19.6	19.7	19.7	19.4	19.4	19.6	19.6	19.5	19.4	19.3	18.8	19.7	0.9
7/7/07	19.3	19.4	19.5	19.6	19.6	19.5	19.4	19.3	19.3	19.4	19.3	19.4	19.6	19.9	19.9	20.1	20.1	19.9	19.8	19.8	19.8	19.9	19.9	19.8	19.6	19.3	20.1	0.8
7/8/07	19.7	19.7	19.6	19.4	19.2	19.1	19.0	18.9	19.0	19.1	19.3	19.6	19.8	20.1	20.4	20.4	19.8	19.7	19.7	19.7	19.8	19.9	19.9	20.0	19.6	18.9	20.4	1.5
7/9/07	20.0	19.9	19.9	19.8	19.8	19.7	19.6	19.6	19.6	19.7	19.9	19.9	20.0	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.0	19.6	20.3	0.7
7/10/07	20.2	20.1	20.0	19.9	19.8	19.7	19.6	19.5	19.5	19.6	19.7	19.8	20.0	20.0	19.9	19.9	19.9	19.7	19.6	19.6	19.6	19.6	19.7	19.7	19.8	19.5	20.2	0.7
7/11/07	19.7	19.7	19.7	19.7	19.6	19.6	19.5	19.5	19.4	19.3	19.3	19.3	19.4	19.7	19.8	19.8	19.8	19.8	19.7	19.7	19.7	19.7	19.7	19.7	19.6	19.3	19.8	0.5
7/12/07	19.6	19.5	19.4	19.3	19.3	19.2	19.1	19.0	19.0	19.1	19.2	19.5	19.6	19.7	19.8	19.8	19.8	19.8	19.7	19.7	19.7	19.8	19.8	19.8	19.5	19.0	19.8	0.8
7/13/07	19.7	19.6	19.5	19.4	19.3	19.2	19.1	19.0	19.0	19.0	19.2	19.4	19.5	19.7	19.7	19.8	19.8	19.8	19.7	19.8	19.8	19.8	19.8	19.8	19.5	19.0	19.8	0.8
7/14/07	19.7	19.6	19.6	19.5	19.3	19.2	19.1	19.0	19.0	19.0	19.2	19.4	19.5	19.7	19.8	19.8	19.8	19.7	19.7	19.7	19.8	19.8	19.9	19.9	19.5	19.0	19.9	0.9
7/15/07	19.8	19.7	19.7	19.6	19.5	19.5	19.4	19.4	19.3	19.3	19.4	19.6	19.8	19.9	19.9	20.0	20.0	20.0	19.9	19.9	20.0	20.0	20.0	19.9	19.7	19.3	20.0	0.7
7/16/07	19.8	19.8	19.7	19.6	19.5	19.4	19.3	19.3	19.3	19.2	19.3	19.5	19.7	19.8	19.9	20.0	20.0	20.0	19.9	19.9	19.9	20.0	19.9	19.8	19.7	19.2	20.0	0.8
7/17/07	19.7	19.6	19.5	19.4	19.4	19.3	19.2	19.1	19.1	19.1	19.3	19.5	19.8	20.0	20.0	20.0	20.0	19.8	19.7	19.7	19.7	19.7	19.7	19.6	19.6	19.1	20.0	0.9
7/18/07	19.5	19.4	19.3	19.2	19.0	19.0	18.9	18.8	18.7	18.7	18.8	18.9	19.0	18.9	19.0	19.0	19.0	18.9	18.9	18.8	18.7	18.7	18.6	18.5	18.9	18.5	19.5	1.0
7/19/07	18.4	18.3	18.2	18.1	18.1	18.0	17.9	17.9	17.9	17.9	18.0	18.2	18.3	18.5	18.6	18.6	18.6	18.4	18.3	18.3	18.3	18.3	18.3	18.2	18.2	17.9	18.6	0.7
7/20/07	18.1	18.1	18.0	17.9	17.8	17.6	17.5	17.4	17.4	17.5	17.6	17.8	17.9	18.0	18.1	18.1	18.1	18.1	18.0	18.0	18.0	18.1	18.0	17.9	17.9	17.4	18.1	0.7
7/21/07	17.8	17.8	17.7	17.6	17.4	17.4	17.3	17.2	17.1	17.1	17.3	17.5	17.6	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.6	17.1	17.8	0.7
7/22/07	17.8	17.7	17.7	17.6	17.6	17.5	17.4	17.4	17.3	17.3	17.3	17.5	17.6	17.7	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	17.7	17.3	18.0	0.7
7/23/07	18.1	18.1	18.0	18.0	18.0	17.9	17.8	17.8	17.7	17.6	17.7	17.7	17.9	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.4	18.4	18.0	17.6	18.4	0.8
7/24/07	18.4	18.5	18.5	18.4	18.4	18.4	18.3	18.3	18.2	18.2	18.2	18.4	18.5	18.5	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.6	18.5	18.4	18.2	18.6	0.4
7/25/07	18.5	18.5	18.4	18.4	18.3	18.2	18.2	18.1	18.1	18.1	18.1	18.2	18.4	18.5	18.6	18.7	19.2	19.2	19.2	19.2	19.3	19.3	19.4	19.4	18.7	18.1	19.4	1.3
7/26/07	19.3	19.3	19.2	19.0	18.7	18.6	18.5	18.4	18.4	18.5	18.5	18.7	18.9	18.9	19.0	19.1	19.2	19.3	19.3	19.4	19.4	19.5	19.5	19.5	19.0	18.4	19.5	1.1
7/27/07	19.4	19.3	19.2	19.1	19.0	18.8	18.8	18.7	18.6	18.5	18.6	18.7	19.0	19.1	19.1	19.3	19.4	19.4	19.4	19.5	19.5	19.6	19.7	19.6	19.1	18.5	19.7	1.2
7/28/07	19.6	19.5	19.4	19.3	19.2	19.0	18.9	18.7	18.7	18.7	18.8	19.0	19.1	19.2	19.3	19.4	19.5	19.5	19.6	19.6	19.7	19.7	19.7	19.6	19.3	18.7	19.7	1.0
7/29/07	19.5	19.4	19.3	19.2	19.1	19.0	18.9	18.8	18.8	18.8	18.9	19.0	19.2	19.3	19.3	19.4	19.4	19.5	19.5	19.6	19.6	19.7	19.7	19.6	19.3	18.8	19.7	0.9
7/30/07	19.5	19.4	19.4	19.3	19.2	19.1	18.9	18.8	18.7	18.8	18.8	19.0	19.1	19.2	19.3	19.4	19.4	19.5	19.5	19.6	19.6	19.7	19.7	19.6	19.3	18.7	19.7	1.0
7/31/07	19.5	19.4	19.3	19.2	18.9	18.8	18.7	18.7	18.6	18.6	18.7	18.9	19.1	19.2	19.2	19.4	19.5	19.5	19.5	19.6	19.6	19.7	19.8	19.8	19.2	18.6	19.8	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	17.3	Minimum	16.8
Mean Daily Mean	18.9	Mean Minimum	18.4
Maximum Daily Mean	20.0		
		Maximum	20.4
Minumum Range	0.4	Mean Maximum	19.3
Maximum Range	1.5		
		Mean Range	0.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Twin Lake
Station MC1
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	19.7	19.6	19.5	19.5	19.4	19.3	19.2	19.1	19.0	19.1	19.1	19.2	19.4	19.5	19.5	19.5	19.6	19.6	19.7	19.7	19.8	19.8	19.8	19.8	19.5	19.0	19.8	0.8
8/2/07	19.8	19.7	19.6	19.6	19.5	19.4	19.3	19.2	19.1	19.2	19.2	19.3	19.5	19.6	19.6	19.5	19.7	19.7	19.7	19.8	19.8	19.8	19.9	19.9	19.6	19.1	19.9	0.8
8/3/07	19.8	19.7	19.6	19.5	19.4	19.3	19.2	19.1	19.1	19.1	19.2	19.3	19.5	19.6	19.6	19.7	19.8	19.8	19.7	19.8	19.8	19.8	19.8	19.7	19.5	19.1	19.8	0.7
8/4/07	19.6	19.6	19.5	19.3	19.1	18.9	18.8	18.7	18.7	18.7	18.8	19.0	19.3	19.4	19.4	19.4	19.3	19.3	19.3	19.3	19.4	19.3	19.3	19.2	19.2	18.7	19.6	1.0
8/5/07	19.1	18.9	18.7	18.6	18.6	18.5	18.4	18.3	18.2	18.3	18.4	18.6	18.8	19.0	19.4	19.2	19.2	19.2	19.1	19.1	19.1	19.1	19.0	18.8	18.8	18.2	19.4	1.2
8/6/07	18.7	18.5	18.3	18.1	17.9	17.7	17.5	17.3	17.4	17.5	17.6	17.8	18.0	18.4	18.6	18.4	18.4	18.3	18.3	18.2	18.2	18.2	18.1	18.0	18.1	17.3	18.7	1.4
8/7/07	17.9	17.7	17.7	17.5	17.3	17.1	17.1	17.0	17.0	17.0	17.1	17.1	17.3	17.4	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.4	17.0	17.9	0.9
8/8/07	17.6	17.5	17.4	17.3	17.1	16.9	16.8	16.8	16.8	16.9	17.1	17.2	17.5	17.6	17.4	17.4	17.5	17.5	17.6	17.6	17.7	17.7	17.8	17.9	17.4	16.8	17.9	1.1
8/9/07	17.9	17.8	17.7	17.7	17.5	17.4	17.3	17.3	17.2	17.2	17.2	17.2	17.3	17.4	17.5	17.6	17.7	17.7	17.7	17.8	17.9	17.8	17.7	17.6	17.5	17.2	17.9	0.7
8/10/07	17.5	17.3	17.1	17.0	17.0	16.9	16.8	16.7	16.6	16.7	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.5	17.2	16.6	17.6	1.0
8/11/07	17.5	17.3	17.3	17.2	17.1	17.0	16.8	16.7	16.7	16.7	16.9	16.9	17.0	17.2	17.3	17.4	17.4	17.2	17.1	17.2	17.3	17.4	17.4	17.3	17.1	16.7	17.5	0.8
8/12/07	17.1	17.0	16.7	16.6	16.4	16.4	16.2	16.2	16.2	16.3	16.4	16.7	16.7	16.8	17.0	17.1	17.1	17.0	17.0	17.0	17.1	17.1	17.1	17.0	16.8	16.2	17.1	1.0
8/13/07	16.8	16.6	16.4	16.3	16.2	16.1	16.1	16.1	16.0	16.1	16.3	16.6	16.7	16.7	16.8	16.9	17.0	16.7	16.6	16.6	16.7	16.7	16.8	16.9	16.5	16.0	17.0	1.0
8/14/07	16.9	16.8	16.7	16.6	16.4	16.3	16.2	16.2	16.1	16.2	16.5	16.5	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.9	16.9	17.1	17.2	17.2	16.7	16.1	17.2	1.1
8/15/07	17.2	17.1	17.1	17.0	16.9	16.9	16.8	16.7	16.7	16.5	16.5	16.6	16.8	16.8	17.0	17.1	17.1	17.2	17.2	17.3	17.3	17.4	17.4	17.4	17.0	16.5	17.4	0.9
8/16/07	17.4	17.3	17.2	17.1	17.1	17.0	16.9	16.7	16.6	16.6	16.8	16.8	16.9	17.1	17.2	17.2	17.3	17.3	17.4	17.4	17.5	17.5	17.5	17.4	17.1	16.6	17.5	0.9
8/17/07	17.2	17.1	16.9	16.7	16.7	16.6	16.6	16.4	16.4	16.5	16.7	16.7	16.8	17.0	17.1	17.1	17.2	17.2	17.2	17.3	17.3	17.4	17.4	17.3	16.9	16.4	17.4	1.0
8/18/07	17.1	17.0	16.7	16.6	16.5	16.4	16.4	16.2	16.2	16.1	16.3	16.6	16.5	16.7	16.8	16.9	16.9	16.9	16.9	17.0	17.0	17.1	17.0	16.9	16.7	16.1	17.1	1.0
8/19/07	16.7	16.4	16.1	16.0	15.9	15.8	15.6	15.4	15.4	15.6	15.8	16.0	16.2	16.4	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.4	16.3	16.2	16.1	15.4	16.7	1.3
8/20/07	16.1	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.2	15.3	15.4	15.6	15.8	15.9	16.0	16.1	16.1	16.2	16.2	16.3	16.4	16.4	16.4	15.8	15.2	16.4	1.2
8/21/07	16.4	16.3	16.2	16.1	15.9	15.9	15.8	15.7	15.6	15.6	15.7	15.8	16.0	16.2	16.4	16.5	16.5	16.5	16.5	16.6	16.6	16.7	16.7	16.8	16.2	15.6	16.8	1.2
8/22/07	16.9	16.9	16.9	16.8	16.7	16.6	16.6	16.5	16.4	16.4	16.5	16.5	16.6	16.8	16.9	17.0	17.1	17.2	17.2	17.2	17.3	17.3	17.4	17.4	16.9	16.4	17.4	1.0
8/23/07	17.4	17.4	17.3	17.2	17.0	16.9	16.8	16.8	16.7	16.7	16.8	17.1	17.2	17.0	16.8	16.9	17.1	17.3	17.3	17.4	17.5	17.7	17.8	17.9	17.2	16.7	17.9	1.2
8/24/07	17.8	17.8	17.8	17.7	17.7	17.6	17.5	17.4	17.3	17.2	17.4	17.7	17.9	17.3	17.2	17.4	17.4	17.6	17.7	17.7	17.8	17.9	18.2	18.1	17.6	17.2	18.2	1.0
8/25/07	18.0	18.0	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.4	17.4	17.4	17.6	17.7	17.7	17.8	17.9	17.9	18.0	18.1	18.1	18.2	18.2	18.1	17.8	17.4	18.2	0.8
8/26/07	17.9	17.7	17.6	17.5	17.5	17.4	17.4	17.3	17.2	17.3	17.4	17.7	17.7	17.8	17.9	17.9	18.0	18.0	18.0	18.1	18.1	18.2	18.1	18.1	17.7	17.2	18.2	1.0
8/27/07	18.0	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.3	17.4	17.5	17.7	17.8	17.8	17.9	18.0	18.1	18.1	18.1	18.2	18.3	18.3	18.3	17.8	17.3	18.3	1.0
8/28/07	18.3	18.2	18.0	17.9	17.9	17.9	17.8	17.6	17.6	17.5	17.8	18.0	18.2	18.2	17.9	17.8	17.8	17.8	17.9	18.0	18.0	18.0	18.0	17.9	17.9	17.5	18.3	0.8
8/29/07	17.9	17.7	17.6	17.6	17.5	17.4	17.3	17.2	17.2	17.2	17.5	17.7	17.7	17.8	18.0	17.9	17.8	17.7	17.7	17.8	17.9	17.9	18.1	18.1	17.7	17.2	18.1	0.9
8/30/07	18.1	18.0	17.9	17.8	17.8	17.7	17.6	17.6	17.6	17.5	17.5	17.6	17.8	18.0	18.1	18.3	18.0	17.9	17.9	17.9	18.0	18.1	18.1	18.1	17.9	17.5	18.3	0.8
8/31/07	18.0	18.0	17.9	17.8	17.7	17.6	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7	17.5	18.0	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	15.8	Minimum	15.2
Mean Daily Mean	17.5	Mean Minimum	17.0
Maximum Daily Mean	19.6		
		Maximum	19.9
Minumum Range	0.5	Mean Maximum	18.0
Maximum Range	1.4		
		Mean Range	1.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Twin Lake
Station MC1
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	17.7	17.6	17.5	17.4	17.4	17.4	17.3	17.2	17.2	17.2	17.2	17.2	17.4	17.7	17.8	17.9	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.0	17.6	17.2	18.1	0.9
9/2/07	18.0	17.9	17.8	17.7	17.6	17.4	17.3	17.2	17.1	17.2	17.3	17.7	18.0	18.0	18.1	18.0	18.1	18.0	18.1	18.2	18.2	18.2	18.2	18.2	17.8	17.1	18.2	1.1
9/3/07	18.0	17.9	17.9	17.7	17.7	17.5	17.4	17.3	17.2	17.2	17.4	17.7	17.7	17.9	18.0	18.0	18.1	18.1	18.1	18.2	18.2	18.2	18.0	17.8	17.8	17.2	18.2	1.0
9/4/07	17.7	17.5	17.3	17.1	17.0	16.9	16.8	16.6	16.4	16.4	16.5	16.6	16.9	17.3	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.3	17.2	17.1	16.4	17.7	1.3
9/5/07	17.0	16.9	16.8	16.7	16.5	16.2	16.1	16.0	16.0	15.9	16.0	16.3	16.6	17.0	17.2	17.7	17.8	17.9	17.9	17.9	17.6	17.5	17.5	17.5	16.9	15.9	17.9	2.0
9/6/07	17.4	17.3	16.9	16.6	16.4	16.3	16.3	16.2	16.1	16.0	16.0	16.3	16.6	16.7	16.6	16.6	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.7	16.6	16.0	17.4	1.3
9/7/07	16.7	16.6	16.4	16.1	16.0	16.0	15.9	15.9	15.8	15.8	15.9	16.0	16.3	16.5	16.5	16.6	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.4	15.8	16.8	1.0
9/8/07	16.7	16.6	16.5	16.4	16.2	16.1	16.0	15.9	15.8	15.8	15.9	16.2	16.5	16.9	17.1	16.8	16.5	16.5	16.6	16.6	16.7	16.7	16.8	16.8	16.4	15.8	17.1	1.3
9/9/07	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1	16.0	16.0	16.1	16.4	16.7	17.1	17.3	17.3	17.4	17.0	16.8	16.8	16.9	17.0	17.1	17.1	16.7	16.0	17.4	1.4
9/10/07	17.1	17.0	16.9	16.7	16.6	16.5	16.4	16.3	16.1	16.0	16.0	16.2	16.5	16.8	17.2	17.6	17.7	17.7	17.7	17.6	17.4	17.3	17.3	17.2	16.9	16.0	17.7	1.7
9/11/07	17.2	17.1	17.0	16.9	16.8	16.7	16.5	16.3	16.2	16.1	16.2	16.3	16.5	16.6	16.7	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.8	16.7	16.1	17.2	1.1
9/12/07	16.7	16.5	16.4	16.3	16.2	16.1	16.0	15.9	15.9	15.9	16.0	16.2	16.4	16.6	16.7	17.0	17.2	17.1	17.0	16.9	16.8	16.9	16.9	16.9	16.5	15.9	17.2	1.3
9/13/07	16.9	16.7	16.5	16.4	16.3	16.1	15.9	15.8	15.6	15.5	15.6	15.8	16.1	16.4	16.7	16.6	16.5	16.3	16.3	16.3	16.2	16.0	15.9	15.6	16.2	15.5	16.9	1.4
9/14/07	15.4	15.1	15.0	14.8	14.7	14.5	14.4	14.3	14.2	14.2	14.4	14.6	14.8	15.2	15.2	15.3	15.4	15.4	15.4	15.4	15.4	15.3	15.2	15.0	14.9	14.2	15.4	1.2
9/15/07	14.9	14.8	14.7	14.5	14.4	14.3	14.1	14.0	13.8	13.8	13.8	14.0	14.2	14.4	14.5	14.6	14.7	14.6	14.7	14.7	14.7	14.6	14.5	14.3	14.4	13.8	14.9	1.1
9/16/07	14.1	13.9	13.8	13.8	13.6	13.6	13.5	13.4	13.3	13.3	13.5	13.8	13.9	14.1	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.2	14.1	13.9	13.3	14.3	1.0
9/17/07	14.0	14.0	13.9	13.7	13.6	13.6	13.5	13.4	13.3	13.3	13.5	13.7	13.9	14.0	14.1	14.0	14.0	13.9	13.9	13.9	14.0	14.0	13.9	13.9	13.8	13.3	14.1	0.7
9/18/07	13.8	13.7	13.6	13.5	13.3	13.2	13.1	13.0	12.9	12.9	13.0	13.2	13.4	13.6	13.7	13.8	13.9	14.0	14.0	14.0	13.9	13.8	13.6	13.3	13.5	12.9	14.0	1.1
9/19/07	13.0	12.7	12.5	12.4	12.4	12.4	12.3	12.1	12.0	12.0	12.2	12.3	12.5	12.7	12.9	12.8	12.7	12.5	12.3	12.0	11.9	11.8	11.7	11.5	12.3	11.5	13.0	1.5
9/20/07	11.3	11.1	11.1	11.1	11.0	10.7	10.6	10.4	10.3	10.3	10.2	10.3	10.7	11.2	11.9	12.4	12.9	13.1	13.1	12.5	12.1	11.8	11.5	10.9	11.3	10.2	13.1	2.9
9/21/07	10.5	10.4	10.4	10.4	10.2	10.2	10.3	10.1	9.9	9.9	10.0	10.3	10.7	11.3	11.9	12.1	12.3	11.9	12.0	11.9	11.6	11.3	11.0	10.7	10.9	9.9	12.3	2.4
9/22/07	10.7	10.6	10.6	10.6	10.5	10.2	10.0	10.0	10.0	10.0	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.0	9.9	9.9	9.8	9.8	9.7	9.6	10.1	9.6	10.7	1.1
9/23/07	9.5	9.3	9.2	9.1	9.1	9.0	8.9	8.9	8.9	8.8	8.9	9.0	9.0	9.2	9.3	9.3	9.4	9.5	9.6	9.6	9.6	9.6	9.5	9.4	9.2	8.8	9.6	0.8
9/24/07	9.2	9.0	9.0	8.9	8.8	8.6	8.6	8.6	8.5	8.5	8.7	8.9	9.5	10.1	10.4	10.5	10.6	10.6	10.9	10.9	10.9	10.4	10.1	10.1	9.6	8.5	10.9	2.4
9/25/07	10.1	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.9	9.9	10.0	10.0	10.1	10.1	10.2	10.3	10.4	10.6	11.0	11.0	11.2	11.1	10.8	10.8	10.3	9.9	11.2	1.3
9/26/07	10.8	10.8	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.4	10.4	10.6	10.8	11.2	11.6	11.9	12.1	11.8	11.2	11.0	11.0	11.1	11.1	11.1	11.0	10.4	12.1	1.7
9/27/07	11.1	11.0	10.9	10.9	10.8	10.7	10.6	10.6	10.5	10.5	10.6	10.8	10.9	11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.5	11.1	0.6
9/28/07	10.9	10.8	10.6	10.5	10.3	10.2	10.0	9.9	9.8	9.7	9.8	9.9	10.1	10.2	10.4	10.5	10.5	10.3	10.1	9.9	9.7	9.6	9.4	9.2	10.1	9.2	10.9	1.6
9/29/07	9.1	9.3	9.2	9.0	8.7	8.7	8.6	8.3	8.2	8.3	8.5	8.7	9.2	9.7	9.9	9.9	10.1	10.0	10.2	10.2	10.3	10.4	10.4	10.2	9.4	8.2	10.4	2.2
9/30/07	10.2	10.0	9.9	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.3	9.6	10.0	10.4	10.7	10.9	10.5	10.4	10.3	10.3	10.2	10.3	10.1	9.9	10.0	9.2	10.9	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	9.2	Minimum	8.2
Mean Daily Mean	13.8	Mean Minimum	13.1
Maximum Daily Mean	17.8		
		Maximum	18.2
Minumum Range	0.6	Mean Maximum	14.6
Maximum Range	2.9		
		Mean Range	1.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Meadow Lake
Station MC2
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.6	6.7	6.8	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.8	0.3
6/2/07	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.7	6.6	6.6	6.6	6.5	6.7	0.2
6/3/07	6.6	6.7	6.6	6.5	6.5	6.5	6.5	6.6	6.7	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.8	6.8	6.7	6.7	6.6	6.5	6.6	6.5	6.6	6.5	6.8	0.3
6/4/07	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.6	6.7	6.6	6.5	6.6	6.7	6.8	6.8	6.7	6.7	6.6	6.7	6.6	6.6	6.6	6.6	6.6	6.5	6.8	0.3
6/5/07	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.7	6.7	6.7	6.8	6.8	6.9	6.8	6.7	6.7	6.8	6.8	6.8	6.7	6.7	6.7	6.5	6.9	0.4
6/6/07	6.7	6.8	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.7	6.7	6.8	0.1
6/7/07	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.8	7.0	6.9	6.9	7.0	7.0	6.9	6.8	6.8	6.7	6.7	6.6	6.7	6.8	6.9	6.8	6.8	6.6	7.0	0.4
6/8/07	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.9	7.0	7.1	6.9	6.8	6.7	6.8	6.9	7.1	6.8	6.7	7.1	0.4
6/9/07	7.1	6.8	6.8	7.0	6.9	6.8	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	6.9	6.8	6.8	6.8	7.0	7.1	6.9	6.9	6.9	6.7	7.1	0.4
6/10/07	6.9	6.8	6.9	6.8	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	7.0	6.8	7.0	7.1	6.9	6.9	6.8	6.9	6.8	6.9	6.7	7.1	0.4
6/11/07	6.8	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.8	7.0	7.0	7.0	7.0	6.9	6.9	7.3	7.1	7.0	6.9	6.9	6.9	6.9	6.8	7.3	0.5
6/12/07	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	6.9	6.9	7.0	7.2	7.3	7.3	7.1	7.0	7.0	7.3	7.2	7.1	7.1	7.0	7.0	6.9	7.3	0.4
6/13/07	7.0	7.0	7.0	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	7.0	7.1	7.0	7.0	6.9	7.2	0.3
6/14/07	7.0	7.0	7.0	7.1	7.2	7.1	7.1	7.0	7.0	7.3	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.1	7.0	7.3	0.3
6/15/07	7.0	7.0	7.0	7.2	7.4	7.3	7.0	7.0	7.2	7.4	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.1	7.3	7.1	7.2	7.0	7.4	0.4
6/16/07	7.0	7.0	7.0	7.2	7.3	7.3	7.1	7.1	7.2	7.2	7.2	7.2	7.3	7.2	7.3	7.3	7.3	7.2	7.2	7.1	7.2	7.4	7.2	7.0	7.2	7.0	7.4	0.4
6/17/07	7.1	7.2	7.3	7.3	7.6	7.2	7.1	7.1	7.3	7.4	7.4	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.2	7.3	7.1	7.6	0.5
6/18/07	7.4	7.2	7.1	7.2	7.2	7.2	7.2	7.4	7.4	7.3	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.3	7.4	7.3	7.3	7.1	7.4	0.3
6/19/07	7.1	7.1	7.3	7.5	7.3	7.2	7.3	7.5	7.3	7.3	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.3	7.3	7.1	7.5	0.4
6/20/07	7.3	7.3	7.3	7.4	7.3	7.2	7.3	7.5	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.5	7.4	7.3	7.5	7.3	7.2	7.3	7.3	7.3	7.2	7.5	0.3
6/21/07	7.4	7.5	7.6	7.4	7.3	7.4	7.4	7.6	7.4	7.5	7.4	7.4	7.5	7.5	7.5	7.6	7.5	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.4	7.3	7.6	0.4
6/22/07	7.3	7.4	7.5	7.7	7.5	7.3	7.3	7.5	7.6	7.5	7.4	7.4	7.5	7.5	7.5	7.6	7.6	7.5	7.5	7.4	7.3	7.4	7.3	7.3	7.5	7.3	7.7	0.4
6/23/07	7.5	7.5	7.6	7.5	7.3	7.3	7.6	7.7	7.4	7.5	7.4	7.4	7.5	7.5	7.6	7.6	7.5	7.5	7.5	7.6	7.3	7.3	7.3	7.4	7.5	7.3	7.7	0.4
6/24/07	7.7	7.5	7.4	7.5	7.5	7.5	7.4	7.5	7.5	7.6	7.5	7.5	7.7	7.6	7.7	7.7	7.6	7.5	7.5	7.6	7.5	7.6	7.5	7.4	7.5	7.4	7.7	0.3
6/25/07	7.5	7.5	7.6	7.6	7.4	7.5	7.5	7.6	7.8	8.1	8.0	7.9	7.8	7.8	7.8	8.0	8.0	8.2	8.1	8.2	8.1	8.1	7.8	7.7	7.8	7.4	8.2	0.8
6/26/07	7.6	7.6	7.7	7.9	8.1	8.0	7.8	8.1	8.2	8.1	8.1	8.0	8.0	8.1	7.9	8.2	8.0	8.0	8.0	7.9	7.8	7.8	7.9	8.0	8.0	7.6	8.2	0.6
6/27/07	7.9	8.0	8.0	7.9	8.0	8.2	8.2	8.5	8.3	8.2	8.3	8.2	8.2	8.0	8.2	8.1	7.9	7.9	8.0	8.0	7.8	8.1	8.3	8.1	8.1	7.8	8.5	0.6
6/28/07	8.3	8.2	8.2	8.1	8.3	8.4	8.5	8.6	8.4	8.5	8.2	8.1	8.0	8.0	8.1	7.9	8.0	8.2	8.0	8.0	8.1	8.1	8.3	8.2	8.2	7.9	8.6	0.7
6/29/07	8.3	8.2	8.4	8.3	8.5	8.5	8.3	8.6	8.6	8.4	8.2	8.1	8.1	8.1	8.1	8.1	8.2	8.3	8.3	8.5	8.3	8.3	8.3	8.2	8.3	8.1	8.6	0.5
6/30/07	8.2	8.1	8.1	8.3	8.5	8.4	8.5	8.6	8.6	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.2	8.3	8.2	8.2	8.4	8.4	8.1	8.7	0.6

*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	6.6	Minimum	6.5
Mean Daily Mean	7.3	Mean Minimum	7.1
Maximum Daily Mean	8.4		
		Maximum	8.7
Minumum Range	0.1	Mean Maximum	7.5
Maximum Range	0.8		
		Mean Range	0.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Meadow Lake
Station MC2
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	8.3	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.8	8.8	8.8	8.7	8.6	8.6	8.5	8.5	8.5	8.5	8.4	8.1	8.2	8.3	8.3	8.4	8.5	8.1	8.8	0.7
7/2/07	8.5	8.4	8.4	8.5	8.5	8.6	8.6	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.6	8.8	8.6	8.4	8.4	8.2	8.2	8.4	8.5	8.5	8.6	8.2	8.9	0.7
7/3/07	8.5	8.6	8.5	8.6	8.8	8.8	9.0	8.9	9.0	9.0	8.9	8.8	8.8	8.6	8.5	8.7	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.7	8.7	8.5	9.0	0.5
7/4/07	8.9	8.6	8.9	9.1	9.1	8.9	9.2	9.1	9.0	8.9	8.7	8.7	8.5	8.5	8.7	9.0	8.6	9.2	9.3	9.1	9.0	8.9	8.6	8.4	8.9	8.4	9.3	0.9
7/5/07	8.3	8.4	8.9	8.8	8.9	9.2	9.3	9.1	8.9	8.7	8.5	8.5	8.6	8.7	8.9	9.0	9.0	9.3	9.2	9.1	9.0	8.9	8.8	8.9	8.9	8.3	9.3	1.0
7/6/07	9.4	9.0	9.3	9.4	9.4	9.2	9.0	8.9	8.8	8.7	8.8	8.8	8.9	9.2	9.3	9.2	9.5	9.3	9.3	9.3	9.4	9.3	9.2	9.1	9.2	8.7	9.5	0.8
7/7/07	8.9	9.0	9.3	9.1	9.3	9.3	9.3	9.1	8.9	8.8	8.8	8.8	9.0	9.2	9.3	9.4	9.4	9.6	9.4	9.5	9.4	9.5	9.3	9.4	9.2	8.8	9.6	0.8
7/8/07	9.2	9.4	9.4	9.4	9.3	9.2	9.1	9.0	8.9	8.8	9.0	9.3	9.3	9.5	9.6	9.7	9.9	9.9	10.3	9.9	9.8	9.2	9.0	8.5	9.4	8.5	10.3	1.8
7/9/07	8.8	9.4	9.3	9.6	9.9	9.8	9.5	9.5	9.3	9.0	9.0	9.1	9.1	9.4	9.6	9.6	9.6	9.8	9.5	9.4	9.4	9.9	9.9	9.9	9.5	8.8	9.9	1.2
7/10/07	9.8	9.9	9.9	9.9	9.8	9.6	9.5	9.2	9.1	9.1	9.2	9.3	9.6	9.7	10.0	10.0	10.1	9.8	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.1	10.1	1.0
7/11/07	9.3	9.3	9.4	9.6	9.6	9.8	9.8	9.7	9.6	9.5	9.5	9.6	9.7	9.7	9.7	10.2	10.3	10.3	10.4	10.3	10.0	9.4	9.3	9.3	9.7	9.3	10.4	1.1
7/12/07	9.7	9.8	10.1	10.2	10.2	10.2	10.1	9.9	9.6	9.4	9.3	9.4	9.6	10.0	9.9	9.9	9.9	9.9	9.8	10.1	10.7	10.8	10.7	10.4	10.0	9.3	10.8	1.4
7/13/07	10.0	9.7	9.6	10.0	10.0	10.2	10.2	10.1	9.9	9.7	9.6	9.5	9.8	10.1	10.5	10.3	10.3	10.3	10.1	10.1	10.1	10.7	10.8	10.6	10.1	9.5	10.8	1.2
7/14/07	10.4	10.2	10.1	10.4	10.4	10.4	10.5	10.2	10.1	9.9	9.7	9.6	9.9	10.2	10.5	10.4	10.4	10.6	10.5	10.3	10.5	10.7	10.9	10.5	10.3	9.6	10.9	1.3
7/15/07	10.2	10.4	10.5	10.8	11.0	10.8	10.8	10.5	10.3	9.9	9.8	9.8	10.0	10.5	10.7	10.8	10.8	10.7	10.4	10.0	10.4	10.9	10.9	10.8	10.5	9.8	11.0	1.3
7/16/07	10.8	10.8	10.9	11.0	10.9	10.8	10.7	10.5	10.3	10.0	10.0	10.0	10.2	10.6	10.6	10.7	10.9	11.0	10.8	10.7	10.8	11.2	11.1	10.9	10.7	10.0	11.2	1.2
7/17/07	10.9	10.7	10.8	10.9	10.8	11.0	11.0	11.0	10.9	10.8	10.6	10.4	10.4	10.4	10.5	10.7	10.9	11.3	11.2	11.2	11.3	11.5	11.4	11.1	10.9	10.4	11.5	1.1
7/18/07	10.9	10.8	10.9	10.9	11.1	11.4	11.2	11.2	11.3	11.1	10.9	10.8	10.7	10.4	10.6	11.3	11.0	11.2	11.1	11.3	11.4	11.5	11.4	11.2	11.1	10.4	11.5	1.1
7/19/07	10.8	10.6	10.7	11.0	11.3	11.2	11.3	11.3	11.3	11.3	11.3	11.4	11.5	11.5	11.5	11.7	11.6	11.4	11.5	11.2	11.2	11.2	11.5	11.3	11.3	10.6	11.7	1.1
7/20/07	11.1	11.0	11.2	11.1	11.2	11.2	11.2	11.3	11.4	11.4	11.4	11.4	11.3	11.7	11.9	12.5	12.3	12.2	12.2	12.1	12.0	11.6	11.5	11.4	11.6	11.0	12.5	1.4
7/21/07	11.1	11.3	11.1	11.1	11.3	11.4	11.4	11.5	11.5	11.3	11.5	11.4	11.4	11.5	11.4	11.9	12.0	12.1	12.2	12.2	12.3	12.4	12.2	11.9	11.6	11.1	12.4	1.3
7/22/07	11.9	11.7	11.4	11.3	11.4	11.6	11.7	11.8	11.8	11.8	11.6	11.7	11.5	11.9	11.6	12.2	12.3	12.4	12.4	12.4	12.5	12.6	12.3	12.1	11.9	11.3	12.6	1.3
7/23/07	12.1	11.9	11.7	11.7	11.8	12.5	12.7	12.9	13.1	12.8	12.7	12.5	12.6	12.4	12.5	12.7	12.7	12.9	12.6	12.7	12.5	12.2	12.3	12.0	12.4	11.7	13.1	1.4
7/24/07	12.2	12.3	12.8	12.9	12.9	13.2	13.4	13.6	13.6	13.4	13.2	12.9	12.5	12.4	12.3	12.6	12.9	13.1	13.7	13.8	13.5	13.2	12.7	12.0	13.0	12.0	13.8	1.7
7/25/07	12.1	12.5	12.9	13.1	13.4	13.4	13.4	13.3	13.2	13.0	13.0	12.9	13.1	13.2	13.0	13.5	13.5	13.7	13.5	13.3	13.2	13.2	13.4	13.4	13.2	12.1	13.7	1.6
7/26/07	13.5	13.2	13.1	12.8	13.0	13.0	13.1	13.4	13.5	13.6	13.5	13.5	13.5	13.6	13.6	14.0	13.8	13.8	13.9	13.9	13.7	13.9	14.3	14.3	13.6	12.8	14.3	1.5
7/27/07	14.2	14.2	13.5	13.2	13.3	13.3	13.7	13.9	14.1	14.1	14.1	14.0	13.9	14.0	14.0	14.4	14.3	14.3	14.2	14.1	14.2	14.2	14.6	14.8	14.0	13.2	14.8	1.6
7/28/07	15.0	15.0	14.7	14.1	13.9	13.8	14.0	14.3	14.4	14.4	14.4	14.4	14.5	14.6	14.5	14.7	14.7	14.7	14.9	14.7	14.7	14.9	15.2	15.4	14.6	13.8	15.4	1.5
7/29/07	15.5	15.5	15.1	14.7	14.5	14.4	14.4	14.5	14.8	14.9	14.8	14.7	14.4	14.9	14.7	15.0	15.3	15.3	15.3	15.1	15.0	15.2	15.5	15.6	15.0	14.4	15.6	1.2
7/30/07	15.8	16.1	16.0	15.5	15.2	15.1	15.0	15.0	15.1	15.3	15.2	15.0	14.9	15.0	15.1	15.3	15.6	15.7	15.7	15.9	15.7	15.7	16.0	16.2	15.5	14.9	16.2	1.3
7/31/07	16.2	16.5	16.3	16.0	15.7	15.7	15.7	15.8	15.9	15.9	15.9	15.7	15.5	15.0	15.5	15.4	15.8	16.0	16.2	16.3	16.2	16.2	16.4	16.5	15.9	15.0	16.5	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	8.5	Minimum	8.1
Mean Daily Mean	11.2	Mean Minimum	10.6
Maximum Daily Mean	15.9		
		Maximum	16.5
Minumum Range	0.5	Mean Maximum	11.8
Maximum Range	1.8		
		Mean Range	1.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Meadow Lake
Station MC2
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	16.5	16.7	16.5	16.4	16.0	15.9	15.8	15.9	16.0	16.1	16.0	15.8	15.7	15.9	15.9	16.1	16.4	16.4	16.5	16.5	16.6	16.6	16.8	16.6	16.2	15.7	16.8	1.1
8/2/07	16.5	16.5	16.3	16.2	16.0	15.9	15.9	16.1	16.2	16.3	16.4	16.3	16.2	16.1	16.2	16.4	16.6	16.8	16.8	16.8	16.9	16.8	16.7	16.7	16.4	15.9	16.9	1.0
8/3/07	16.8	16.9	17.0	16.8	16.6	16.5	16.6	16.8	16.9	17.0	16.9	16.8	16.6	16.2	16.3	16.1	16.2	16.4	16.7	16.7	16.6	16.6	16.7	16.9	16.6	16.1	17.0	1.0
8/4/07	17.1	17.3	17.6	17.5	17.2	17.1	17.0	16.9	17.0	17.1	17.3	17.3	17.3	17.0	16.8	16.9	16.8	16.7	16.6	16.6	16.7	16.6	16.7	16.9	17.0	16.6	17.6	1.0
8/5/07	17.2	17.5	17.7	17.9	17.9	17.7	17.5	17.2	17.1	16.9	16.7	16.5	16.4	16.4	16.5	16.6	16.6	16.9	16.9	17.2	17.4	17.5	17.8	17.9	17.2	16.4	17.9	1.5
8/6/07	17.9	17.9	17.8	17.8	17.8	17.7	17.7	17.7	17.6	17.5	17.6	17.6	17.6	17.4	17.3	17.2	17.3	17.4	17.4	17.6	17.7	17.8	17.9	17.8	17.6	17.2	17.9	0.7
8/7/07	17.9	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.7	17.6	17.9	0.3
8/8/07	17.9	17.9	17.9	17.9	17.9	17.9	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.7	17.8	17.7	17.6	17.5	17.5	17.6	17.7	17.7	17.8	17.5	17.9	0.4
8/9/07	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7	17.8	17.8	17.8	17.8	17.7	17.7	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.6	17.8	0.2
8/10/07	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.6	17.7	17.7	17.8	17.8	17.7	17.8	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.8	0.2
8/11/07	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.6	17.5	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.5	17.7	0.2
8/12/07	17.7	17.7	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.4	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.4	17.7	0.3
8/13/07	17.6	17.6	17.5	17.5	17.5	17.5	17.5	17.5	17.4	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5	17.5	17.4	17.6	0.2
8/14/07	17.5	17.5	17.5	17.5	17.5	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.6	17.6	17.6	17.7	17.7	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5	17.4	17.7	0.3
8/15/07	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	17.9	17.8	17.8	17.7	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.6	17.9	0.3
8/16/07	17.7	17.7	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.9	17.8	17.8	17.7	17.6	17.6	17.6	17.6	17.6	17.7	17.8	17.8	17.7	17.6	17.9	0.3
8/17/07	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.6	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.5	17.8	0.3
8/18/07	17.6	17.6	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.7	17.7	17.6	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.6	17.5	17.7	0.2
8/19/07	17.5	17.4	17.4	17.3	17.3	17.2	17.1	17.0	17.0	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.3	17.3	17.2	17.3	17.3	17.2	17.2	17.2	17.0	17.5	0.5
8/20/07	17.1	17.1	17.1	17.1	17.0	17.0	16.9	16.9	16.9	16.9	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.1	17.1	17.1	17.1	17.1	17.1	17.1	16.9	17.2	0.3
8/21/07	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.2	17.2	17.2	17.2	17.1	17.3	0.2
8/22/07	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.4	18.5	17.6	17.4	17.3	17.4	17.3	17.4	17.4	17.3	17.4	17.4	17.4	17.2	18.5	1.3
8/23/07	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.7	17.5	17.4	17.7	0.3
8/24/07	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.6	17.7	17.7	17.7	17.8	17.9	17.9	17.8	17.7	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.7	17.5	17.9	0.4
8/25/07	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.7	17.6	17.5	17.7	0.2
8/26/07	17.6	17.6	17.6	17.7	17.7	17.7	17.6	17.6	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7	17.6	17.8	0.2
8/27/07	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.9	17.9	17.9	17.9	18.0	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.8	17.7	18.0	0.3
8/28/07	17.9	17.9	17.9	18.0	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	17.9	18.1	0.2
8/29/07	17.8	17.8	17.8	17.7	17.7	17.7	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.8	0.2
8/30/07	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.8	17.9	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7	17.7	17.6	17.9	0.3
8/31/07	17.7	17.7	17.7	17.6	17.6	17.5	17.5	17.5	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.7	17.8	17.7	17.7	17.7	17.7	17.7	17.5	17.8	0.3

*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	16.2	Minimum	15.7
Mean Daily Mean	17.5	Mean Minimum	17.2
Maximum Daily Mean	18.0		
		Maximum	18.5
Minumum Range	0.2	Mean Maximum	17.7
Maximum Range	1.5		
		Mean Range	0.5
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Meadow Creek below Meadow Lake
Station MC2
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	17.7	17.7	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.7	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.6	17.6	17.5	17.8	0.3
9/2/07	17.6	17.6	17.6	17.6	17.6	17.5	17.5	17.5	17.5	17.6	17.6	17.7	17.7	17.7	17.8	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.6	17.5	17.8	0.3
9/3/07	17.6	17.6	17.5	17.6	17.6	17.6	17.5	17.5	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.7	17.7	17.6	17.6	17.6	17.5	17.6	17.5	17.8	0.3
9/4/07	17.5	17.4	17.5	17.5	17.5	17.4	17.4	17.3	17.3	17.3	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4	17.4	17.3	17.4	17.3	17.5	0.2
9/5/07	17.3	17.2	17.1	17.0	16.9	16.9	16.9	16.8	16.8	16.9	16.9	17.0	17.0	17.1	17.3	17.4	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2	17.2	16.8	17.5	0.7
9/6/07	17.1	17.0	17.0	17.0	16.9	16.9	16.8	16.8	16.8	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.8	16.7	16.7	16.7	16.7	16.7	16.6	16.9	16.6	17.1	0.5
9/7/07	16.6	16.6	16.5	16.5	16.5	16.5	16.5	16.4	16.4	16.5	16.5	16.6	16.7	16.8	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7	16.7	16.7	16.6	16.4	16.8	0.4
9/8/07	16.6	16.6	16.5	16.5	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.6	16.7	16.8	16.9	16.8	16.9	16.9	16.9	16.8	16.8	16.8	16.7	16.7	16.6	16.4	16.9	0.5
9/9/07	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.4	16.4	16.5	16.5	16.6	16.7	16.8	16.9	17.0	16.9	16.9	17.0	16.9	16.8	16.8	16.8	16.9	16.7	16.4	17.0	0.6
9/10/07	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.3	16.2	16.3	16.3	16.5	16.5	16.6	16.7	16.8	16.8	16.8	16.8	16.8	16.9	16.8	16.8	16.7	16.6	16.2	16.9	0.6
9/11/07	16.7	16.6	16.6	16.5	16.5	16.4	16.4	16.3	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.4	16.3	16.2	16.2	16.2	16.2	16.2	16.2	16.4	16.2	16.7	0.5
9/12/07	16.2	16.1	16.1	16.0	16.0	16.0	16.0	15.9	15.9	16.0	16.0	16.1	16.2	16.2	16.3	16.4	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.1	16.1	15.9	16.4	0.5
9/13/07	16.1	16.0	16.0	15.9	15.9	15.8	15.8	15.7	15.7	15.8	15.8	16.0	16.0	16.1	16.1	16.1	16.1	16.0	16.0	16.0	16.0	15.9	15.9	15.8	15.9	15.7	16.1	0.4
9/14/07	15.7	15.7	15.6	15.6	15.5	15.5	15.4	15.4	15.3	15.4	15.5	15.6	15.6	15.8	15.8	15.8	15.7	15.7	15.7	15.7	15.6	15.6	15.5	15.5	15.6	15.3	15.8	0.5
9/15/07	15.4	15.4	15.3	15.2	15.2	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.3	15.4	15.4	15.4	15.5	15.4	15.4	15.4	15.3	15.3	15.2	15.2	15.3	15.1	15.5	0.4
9/16/07	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.7	14.7	14.8	14.9	15.0	15.0	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.1	15.1	15.0	15.0	14.7	15.2	0.5
9/17/07	15.0	14.9	14.9	14.8	14.8	14.7	14.7	14.6	14.6	14.6	14.7	14.9	14.9	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.0	14.9	14.6	15.1	0.5
9/18/07	14.9	14.9	14.8	14.8	14.7	14.7	14.6	14.6	14.6	14.7	14.8	14.8	14.9	15.0	15.0	15.0	15.0	15.0	15.0	14.9	14.9	14.9	14.8	14.7	14.8	14.6	15.0	0.4
9/19/07	14.6	14.5	14.5	14.4	14.3	14.3	14.2	14.1	14.1	14.1	14.1	14.1	14.2	14.3	14.3	14.3	14.3	14.2	14.1	14.0	13.9	13.8	13.8	13.8	14.2	13.8	14.6	0.8
9/20/07	13.7	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.2	13.4	13.4	13.5	13.6	13.7	13.7	13.6	13.5	13.5	13.4	13.4	13.3	13.4	13.1	13.7	0.6
9/21/07	13.2	13.2	13.1	13.1	13.0	12.9	12.9	12.8	12.8	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.3	13.2	13.2	13.1	13.0	12.9	12.9	12.9	13.0	12.8	13.3	0.5
9/22/07	12.8	12.8	12.8	12.7	12.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4	12.4	12.4	12.4	12.3	12.3	12.2	12.2	12.2	12.1	12.5	12.1	12.8	0.7
9/23/07	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.8	11.8	11.7	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.8	11.8	11.7	11.6	11.9	11.6	12.1	0.5
9/24/07	11.6	11.4	11.4	11.3	11.3	11.2	11.1	11.0	11.0	11.0	11.1	11.3	11.3	11.7	11.6	11.7	11.8	11.6	11.7	11.8	11.9	11.8	11.8	11.7	11.5	11.0	11.9	0.9
9/25/07	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.3	11.3	11.4	11.5	11.6	11.6	11.7	11.6	11.6	11.6	11.6	11.7	11.6	11.5	11.4	11.5	11.2	11.7	0.5
9/26/07	11.3	11.2	11.2	11.2	11.1	11.0	11.0	11.0	10.9	11.0	11.1	11.2	11.3	11.4	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5	11.5	11.5	11.3	10.9	11.7	0.8
9/27/07	11.5	11.5	11.4	11.4	11.3	11.2	11.2	11.1	11.1	11.1	11.1	11.4	11.5	11.6	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.3	11.1	11.6	0.5
9/28/07	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.8	10.6	10.5	10.4	10.4	10.3	10.8	10.3	11.3	1.0
9/29/07	10.3	10.3	10.2	10.2	10.1	10.0	10.0	9.9	9.9	9.9	10.0	10.1	10.2	10.3	10.5	10.5	10.5	10.6	10.6	10.6	10.7	10.6	10.5	10.4	10.3	9.9	10.7	0.8
9/30/07	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	10.0	10.0	10.1	10.3	10.5	10.5	10.6	10.8	10.8	10.7	10.6	10.5	10.3	10.2	10.0	9.9	10.3	9.9	10.8	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	10.3	Minimum	9.9
Mean Daily Mean	14.6	Mean Minimum	14.3
Maximum Daily Mean	17.6		
		Maximum	17.8
Minumum Range	0.2	Mean Maximum	14.8
Maximum Range	1.0		
		Mean Range	0.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Salt Springs Reservoir
Station NFMR1
Hourly Temperature Recording (ºC)
April 2007

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
4/1/07	6.4	6.5	6.4	6.3	6.1	5.9	5.6	5.4	5.3	5.3	5.5	6.0	6.5	6.9	7.2	7.4	7.4	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	5.3	7.4	2.1
4/2/07	6.6	6.5	6.2	5.9	5.6	5.3	5.0	4.8	4.6	4.6	4.8	5.1	5.6	6.1	6.5	6.8	7.1	7.1	7.1	6.9	6.8	6.7	6.7	6.7	6.0	4.6	7.1	2.5
4/3/07	6.7	6.6	6.4	6.2	5.9	5.7	5.4	5.2	5.0	5.0	5.2	5.6	6.0	6.5	6.9	7.3	7.5	7.5	7.4	7.2	7.0	7.0	7.0	7.0	6.4	5.0	7.5	2.5
4/4/07	7.0	6.8	6.5	6.2	5.9	5.7	5.4	5.2	5.0	5.0	5.2	5.5	5.9	6.3	6.5	6.8	7.1	7.3	7.3	7.1	7.0	7.0	7.0	6.9	6.3	5.0	7.3	2.2
4/5/07	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.1	5.1	5.2	5.4	5.8	6.1	6.4	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.9	6.9	6.2	5.1	6.9	1.8
4/6/07	6.9	6.8	6.6	6.4	6.2	5.9	5.7	5.5	5.4	5.4	5.6	6.0	6.5	6.7	7.1	7.3	7.4	7.5	7.6	7.8	7.8	7.7	7.7	7.4	6.7	5.4	7.8	2.4
4/7/07	7.0	6.7	6.3	6.0	5.7	5.4	5.1	4.9	4.9	4.9	5.1	5.4	5.8	6.1	6.3	6.7	7.2	7.4	7.3	7.2	7.1	7.1	7.2	7.1	6.2	4.9	7.4	2.5
4/8/07	6.9	6.6	6.4	6.1	5.8	5.4	5.2	4.9	4.8	4.8	5.1	5.5	6.0	6.4	6.7	7.3	7.5	7.3	7.2	7.1	7.1	7.1	7.0	6.9	6.3	4.8	7.5	2.7
4/9/07	6.7	6.4	6.1	5.8	5.5	5.2	5.0	4.9	4.8	4.8	5.0	5.4	5.9	6.4	6.9	7.3	7.5	7.7	7.6	7.4	7.1	7.0	7.0	6.8	6.3	4.8	7.7	2.9
4/10/07	6.5	6.1	5.8	5.4	5.0	4.6	4.2	3.9	3.7	3.7	3.8	4.1	4.5	5.0	5.4	5.8	6.1	6.1	6.0	5.9	5.9	5.9	5.9	5.9	5.2	3.7	6.5	2.8
4/11/07	5.9	5.8	5.7	5.6	5.5	5.4	5.2	5.0	4.8	4.4	4.2	4.1	4.0	4.1	4.4	4.5	4.6	4.6	4.5	4.3	4.2	4.1	4.1	4.1	4.7	4.0	5.9	1.9
4/12/07	3.9	3.8	3.7	3.5	3.3	3.2	3.0	2.9	2.8	2.9	3.1	3.5	3.9	4.4	4.7	5.0	5.2	5.1	4.9	4.6	4.3	4.1	4.0	3.9	3.9	2.8	5.2	2.4
4/13/07	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.3	3.6	4.2	4.8	5.4	5.9	6.3	6.5	6.6	6.5	6.2	6.0	5.9	5.8	5.9	4.8	3.1	6.6	3.5
4/14/07	5.8	5.8	5.8	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.0	4.8	4.8	4.9	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	4.9	3.8	5.8	2.0
4/15/07	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.8	4.1	4.6	5.1	5.3	5.6	5.8	6.2	6.3	6.1	6.0	5.7	5.4	5.2	5.1	4.7	3.6	6.3	2.7
4/16/07	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.5	4.8	5.4	6.0	6.6	7.2	7.6	7.9	8.0	7.9	7.7	7.3	7.0	6.8	6.7	6.0	4.3	8.0	3.7
4/17/07	6.7	6.7	6.7	6.7	6.6	6.5	6.5	6.4	6.4	6.6	6.9	7.2	7.3	7.3	7.0	7.0	7.0	6.7	6.4	6.0	5.7	5.3	5.0	4.9	6.5	4.9	7.3	2.5
4/18/07	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.2	3.3	3.5	3.7	3.8	3.8	4.2	4.2	4.3	4.2	4.0	3.7	3.4	3.3	3.3	3.8	3.2	4.7	1.5
4/19/07	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.8	3.0	3.1	3.2	3.4	3.6	3.6	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	3.2	2.7	3.6	0.9
4/20/07	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8	3.0	3.1	3.3	4.0	4.6	5.2	5.3	5.3	5.2	5.1	5.1	5.2	5.0	4.9	4.8	4.8	4.1	2.8	5.3	2.5
4/21/07	4.7	4.7	4.6	4.6	4.5	4.3	4.2	4.1	4.1	4.2	4.5	4.8	5.2	5.4	5.4	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.8	4.1	5.4	1.3
4/22/07	4.6	4.5	4.4	4.3	4.2	3.7	3.4	3.2	3.1	2.9	2.8	2.9	3.0	3.2	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.6	2.8	4.6	1.8
4/23/07	3.6	3.5	3.4	3.2	3.1	3.0	2.8	2.7	2.8	3.1	3.5	4.2	4.9	5.7	6.4	6.8	7.0	7.1	7.0	6.8	6.5	6.2	6.0	6.0	4.8	2.7	7.1	4.4
4/24/07	6.0	6.0	5.9	5.8	5.6	5.4	5.2	5.0	4.9	5.0	5.3	5.9	6.5	7.1	7.7	8.3	8.6	8.8	8.8	8.5	8.0	7.8	7.7	7.8	6.7	4.9	8.8	3.9
4/25/07	7.8	7.7	7.5	7.1	6.8	6.5	6.2	6.0	5.8	5.9	6.1	6.6	7.1	7.5	7.8	8.0	8.1	8.1	8.0	7.8	7.7	7.6	7.5	7.4	7.2	5.8	8.1	2.3
4/26/07	7.4	7.2	7.0	6.8	6.6	6.5	6.3	6.1	6.0	6.1	6.4	6.8	7.3	7.8	8.3	8.8	9.2	9.4	9.4	9.1	8.9	8.7	8.8	8.7	7.7	6.0	9.4	3.4
4/27/07	8.6	8.4	8.1	7.8	7.4	7.1	6.7	6.4	6.1	6.1	6.4	6.7	7.1	7.7	8.3	8.9	9.2	9.4	9.4	9.3	9.1	9.1	9.0	8.8	8.0	6.1	9.4	3.3
4/28/07	8.4	8.1	7.7	7.2	6.7	6.2	5.9	5.6	5.5	5.6	5.9	6.3	6.7	7.3	7.9	8.4	8.8	9.1	9.2	9.1	9.1	9.0	8.8	8.4	7.5	5.5	9.2	3.7
4/29/07	8.0	7.5	7.0	6.4	5.9	5.6	5.3	5.1	5.1	5.2	5.5	6.0	6.5	6.9	7.5	8.0	8.4	8.7	8.7	8.7	8.6	8.6	8.3	7.9	7.1	5.1	8.7	3.6
4/30/07	7.5	7.0	6.4	5.9	5.5	5.2	5.0	4.8	4.8	5.0	5.3	5.8	6.3	6.9	7.5	8.1	8.5	8.8	8.9	8.9	8.9	8.9	8.7	8.4	7.0	4.8	8.9	4.1

*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	3.2	Minimum	2.7
Mean Daily Mean	5.8	Mean Minimum	4.4
Maximum Daily Mean	8.0		
		Maximum	9.4
Minumum Range	0.9	Mean Maximum	7.0
Maximum Range	4.4		
		Mean Range	2.7
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Salt Springs Reservoir
Station NFMR1
Hourly Temperature Recording (ºC)
May 2007

	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
5/1/07	8.0	7.5	7.0	6.5	6.0	5.7	5.4	5.2	5.2	5.2	5.5	5.9	6.4	7.0	7.5	7.8	8.1	8.4	8.3	8.1	8.1	8.2	8.1	7.8	7.0	5.2	8.4	3.2
5/2/07	7.5	7.2	6.8	6.5	6.2	5.9	5.7	5.5	5.4	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	5.2	3.7	7.5	3.8
5/3/07	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	3.1	3.4	3.9	4.3	4.6	4.7	4.8	4.9	5.0	5.2	5.2	5.1	4.9	4.8	4.8	4.1	3.0	5.2	2.2
5/4/07	4.7	4.6	4.6	4.4	4.2	4.1	3.9	3.7	3.5	3.4	3.4	3.7	3.9	4.5	5.0	5.1	5.1	5.1	5.1	5.3	5.3	5.3	5.2	5.1	4.5	3.4	5.3	1.9
5/5/07	5.0	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.1	4.2	4.5	5.0	5.5	6.0	6.4	6.7	6.9	6.8	6.6	6.3	6.0	5.7	5.6	5.4	5.3	4.1	6.9	2.8
5/6/07	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.7	5.0	5.3	5.8	6.4	6.9	7.4	7.7	8.0	8.0	7.9	7.6	7.3	7.1	7.0	7.0	6.2	4.6	8.0	3.4
5/7/07	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.9	7.3	7.8	8.2	8.7	9.2	9.5	9.7	9.8	9.8	9.5	9.3	9.1	9.1	9.1	8.1	6.7	9.8	3.1
5/8/07	8.9	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.8	6.8	7.0	7.4	7.8	8.3	8.8	9.2	9.5	9.7	9.7	9.5	9.5	9.4	9.4	9.2	8.4	6.8	9.7	2.9
5/9/07	9.0	8.7	8.4	7.9	7.4	7.0	6.6	6.3	6.1	6.1	6.4	6.8	7.3	7.8	8.4	8.9	9.3	9.5	9.7	9.6	9.6	9.6	9.5	9.2	8.1	6.1	9.7	3.6
5/10/07	8.9	8.4	7.9	7.4	6.9	6.5	6.2	5.9	5.9	6.0	6.3	6.7	7.3	7.9	8.6	9.1	9.6	9.9	10.0	9.9	9.9	9.8	9.6	9.2	8.1	5.9	10.0	4.1
5/11/07	8.7	8.1	7.6	7.0	6.6	6.1	5.8	5.6	5.5	5.6	5.8	6.3	6.8	7.4	8.0	8.6	9.0	9.3	9.4	9.5	9.5	9.6	9.6	9.3	7.7	5.5	9.6	4.1
5/12/07	8.9	8.4	7.9	7.3	6.9	6.5	6.1	5.9	5.8	5.9	6.1	6.6	7.1	7.6	8.2	8.6	9.0	9.2	9.3	9.2	9.1	9.1	9.0	8.8	7.8	5.8	9.3	3.5
5/13/07	8.5	8.0	7.6	7.1	6.6	6.2	5.9	5.6	5.4	5.5	5.7	6.1	6.6	7.1	7.6	8.2	8.6	8.9	9.0	8.9	8.9	9.0	9.1	9.2	7.5	5.4	9.2	3.8
5/14/07	9.0	8.7	8.4	8.0	7.5	7.0	6.6	6.3	6.1	6.1	6.3	6.7	7.1	7.7	8.3	8.8	9.2	9.4	9.5	9.5	9.5	9.6	9.7	9.7	8.1	6.1	9.7	3.7
5/15/07	9.6	9.3	8.9	8.5	8.0	7.5	7.1	6.7	6.5	6.5	6.7	7.1	7.5	8.0	8.6	9.0	9.4	9.8	10.1	10.0	9.9	9.9	10.0	9.9	8.5	6.5	10.1	3.6
5/16/07	9.6	9.4	9.2	8.7	8.2	7.7	7.3	7.0	6.8	6.8	7.0	7.5	8.0	8.6	9.1	9.6	10.0	10.2	10.3	10.3	10.2	10.3	10.3	10.1	8.8	6.8	10.3	3.5
5/17/07	9.9	9.5	9.1	8.6	8.0	7.5	7.1	6.7	6.5	6.5	6.7	7.0	7.5	8.1	8.6	9.1	9.5	9.8	9.8	9.8	9.8	9.9	10.0	10.0	8.5	6.5	10.0	3.5
5/18/07	9.9	9.6	9.3	8.9	8.4	7.9	7.5	7.1	6.8	6.8	7.0	7.4	7.9	8.4	8.9	9.4	9.7	9.9	10.0	10.0	9.9	9.9	10.1	10.1	8.8	6.8	10.1	3.3
5/19/07	10.0	9.8	9.5	9.2	8.7	8.3	7.8	7.4	7.1	7.0	7.1	7.4	7.8	8.2	8.7	9.3	9.7	10.0	10.1	10.0	10.0	10.0	10.2	10.3	8.9	7.0	10.3	3.3
5/20/07	10.4	10.2	10.0	9.8	9.4	8.9	8.4	8.0	7.7	7.6	7.7	8.0	8.4	8.9	9.3	9.5	9.9	10.3	10.4	10.3	10.0	9.9	10.0	10.2	9.3	7.6	10.4	2.8
5/21/07	10.2	10.0	9.8	9.6	9.3	9.0	8.6	8.2	8.0	8.0	8.1	8.4	8.7	9.1	9.6	10.0	10.0	10.1	10.3	10.1	9.7	9.6	9.7	9.7	9.3	8.0	10.3	2.3
5/22/07	9.6	9.4	9.2	9.0	8.7	8.3	8.0	7.6	7.4	7.4	7.5	7.8	8.1	8.5	8.9	9.2	9.4	9.4	9.3	9.1	8.9	8.7	8.5	8.4	8.6	7.4	9.6	2.2
5/23/07	8.4	8.4	8.2	8.1	7.8	7.6	7.4	7.3	7.2	7.2	7.3	7.6	8.0	8.4	8.8	9.1	9.4	9.5	9.4	9.1	8.8	8.5	8.4	8.4	8.3	7.2	9.5	2.3
5/24/07	8.3	8.3	8.4	8.4	8.3	8.3	8.2	8.2	8.2	8.4	8.8	9.3	9.6	10.0	10.3	10.6	10.8	10.9	10.7	10.5	10.1	9.8	9.6	9.6	9.3	8.2	10.9	2.7
5/25/07	9.5	9.5	9.5	9.5	9.4	9.2	9.1	9.0	9.0	9.2	9.5	10.0	10.3	10.6	10.9	11.2	11.3	11.4	11.2	11.0	10.7	10.6	10.5	10.5	10.1	9.0	11.4	2.4
5/26/07	10.5	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.8	9.9	10.2	10.6	11.0	11.3	11.7	12.0	12.1	12.1	12.0	11.8	11.5	11.3	11.2	11.2	10.9	9.8	12.1	2.3
5/27/07	11.3	11.3	11.3	11.2	11.0	10.9	10.7	10.6	10.5	10.6	10.9	11.2	11.6	11.9	12.3	12.6	12.8	12.8	12.7	12.4	12.1	11.8	11.7	11.7	11.6	10.5	12.8	2.3
5/28/07	11.7	11.7	11.6	11.5	11.3	11.1	10.9	10.7	10.6	10.7	10.9	11.3	11.6	12.0	12.4	12.7	12.9	12.9	12.8	12.5	12.2	12.0	11.8	11.8	11.7	10.6	12.9	2.3
5/29/07	11.8	11.8	11.7	11.6	11.4	11.2	11.0	10.8	10.8	10.9	11.2	11.6	12.0	12.4	12.8	13.2	13.4	13.5	13.3	13.1	12.7	12.4	12.3	12.2	12.0	10.8	13.5	2.7
5/30/07	12.2	12.2	12.1	12.1	12.0	11.8	11.6	11.5	11.5	11.6	11.9	12.4	12.9	13.6	13.7	13.7	13.5	13.2	13.0	12.7	12.4	12.3	12.2	12.1	12.4	11.5	13.7	2.3
5/31/07	12.0	11.8	11.6	11.4	11.3	11.2	11.0	10.9	10.9	11.2	11.7	12.3	12.9	13.3	13.3	13.4	13.6	13.5	13.3	13.1	12.8	12.6	12.6	12.5	12.3	10.9	13.6	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	4.1	Minimum	3.0
Mean Daily Mean	8.6	Mean Minimum	7.0
Maximum Daily Mean	12.4		
		Maximum	13.7
Minumum Range	1.9	Mean Maximum	10.0
Maximum Range	4.1		
		Mean Range	3.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Salt Springs Reservoir
Station NFMR1
Hourly Temperature Recording (ºC)
June 2007

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
6/1/07	12.5	12.4	12.2	12.1	12.0	11.9	11.7	11.6	11.6	11.9	12.3	12.8	13.4	13.9	14.3	14.6	14.7	14.6	14.5	14.2	13.8	13.6	13.4	13.3	13.1	11.6	14.7	3.1
6/2/07	13.3	13.3	13.3	13.3	13.2	13.0	12.8	12.7	12.8	13.1	13.6	14.3	14.9	15.3	15.6	15.8	15.8	15.7	15.4	15.0	14.6	14.2	13.9	13.8	14.1	12.7	15.8	3.1
6/3/07	13.7	13.6	13.4	13.3	13.1	12.9	12.7	12.5	12.5	12.9	13.4	14.0	14.5	14.8	15.0	15.3	15.3	15.3	15.0	14.6	14.2	13.9	13.6	13.4	13.9	12.5	15.3	2.8
6/4/07	13.3	13.1	13.0	12.9	12.8	12.7	12.6	12.7	12.8	13.3	13.8	14.5	15.0	15.2	15.4	15.6	15.6	15.4	15.1	14.7	14.3	13.9	13.6	13.4	13.9	12.6	15.6	3.0
6/5/07	13.2	13.1	13.0	12.8	12.7	12.6	12.5	12.5	12.4	12.3	12.3	12.2	12.5	12.5	12.7	12.7	12.5	12.3	12.0	11.7	11.4	11.1	10.8	10.6	12.3	10.6	13.2	2.7
6/6/07	10.4	10.2	10.0	9.8	9.7	9.4	9.3	9.2	9.4	9.5	9.6	9.8	9.5	9.4	9.3	9.3	9.4	9.6	9.5	9.2	8.8	8.4	8.0	7.7	9.4	7.7	10.4	2.7
6/7/07	7.5	7.3	7.1	7.0	6.9	6.8	6.8	6.9	7.4	8.2	8.9	9.8	10.4	10.6	11.0	11.3	11.5	11.4	11.2	10.9	10.6	10.2	9.9	9.6	9.1	6.8	11.5	4.7
6/8/07	9.4	9.2	9.1	9.0	8.9	8.8	8.8	9.1	10.2	11.6	13.0	14.0	14.7	14.1	13.9	13.9	13.6	13.4	12.9	12.3	11.8	11.3	11.0	10.6	11.4	8.8	14.7	5.9
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6/27/07																												
6/28/07	17.3	17.1	16.8	16.5	16.3	16.0	15.7	15.5	15.4	15.6	16.1	16.5	17.0	17.5	18.1	18.5	18.8	18.9	18.9	18.7	18.4	18.2	17.9	17.6	17.2	15.4	18.9	3.5
6/29/07	17.4	17.2	16.9	16.7	16.4	16.2	15.9	15.7	15.7	15.9	16.3	16.8	17.3	17.8	18.3	18.8	19.0	19.2	19.1	18.9	18.7	18.4	18.1	17.8	17.4	15.7	19.2	3.4
6/30/07	17.6	17.4	17.2	17.0	16.7	16.5	16.2	16.0	16.0	16.3	16.7	17.2	17.7	18.3	18.9	19.4	19.7	19.8	19.7	19.5	19.2	18.9	18.6	18.3	17.9	16.0	19.8	3.8

*NOTE: Data from June 9 - 27 were excluded due to recorder being out of water

*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	6.8
Mean Daily Mean	13.6	Mean Minimum	11.9
Maximum Daily Mean	17.9		
		Maximum	19.8
Minumum Range	2.7	Mean Maximum	15.4
Maximum Range	5.9		
		Mean Range	3.5
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Salt Springs Reservoir
Station NFMR1
Hourly Temperature Recording (ºC)
July 2007

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
7/1/07	18.1	17.8	17.6	17.3	17.1	16.8	16.5	16.2	16.1	16.4	16.8	17.3	17.8	18.3	18.9	19.4	19.7	19.8	19.7	19.4	19.1	18.7	18.4	18.1	18.0	16.1	19.8	3.7
7/2/07	17.8	17.5	17.3	17.0	16.7	16.4	16.1	15.9	15.8	16.1	16.5	17.0	17.5	18.1	18.6	19.1	19.4	19.5	19.4	19.2	18.9	18.6	18.3	18.0	17.7	15.8	19.5	3.7
7/3/07	17.7	17.5	17.3	17.0	16.8	16.5	16.2	15.9	15.9	16.1	16.6	17.2	17.7	18.4	19.0	19.5	19.9	20.0	20.0	19.9	19.6	19.3	19.1	18.8	18.0	15.9	20.0	4.2
7/4/07	18.6	18.4	18.2	18.0	17.7	17.4	17.1	16.9	16.9	17.1	17.6	18.2	18.8	19.4	20.1	20.7	21.1	21.3	21.3	21.1	20.9	20.6	20.3	20.0	19.1	16.9	21.3	4.4
7/5/07	19.7	19.4	19.2	18.9	18.5	18.2	17.9	17.6	17.6	17.8	18.3	18.9	19.6	20.2	20.8	21.3	21.7	21.7	21.7	21.6	21.3	21.1	20.8	20.5	19.8	17.6	21.7	4.2
7/6/07	20.3	20.0	19.8	19.6	19.3	19.1	18.8	18.6	18.6	18.8	19.1	19.6	20.3	20.9	21.5	21.9	22.2	22.3	22.3	22.1	21.8	21.5	21.2	20.9	20.4	18.6	22.3	3.7
7/7/07	20.6	20.3	20.1	19.8	19.6	19.3	19.0	18.8	18.7	18.8	19.2	19.7	20.2	20.7	21.2	21.6	21.9	22.0	21.9	21.7	21.4	21.1	20.8	20.4	20.4	18.7	22.0	3.3
7/8/07	20.1	19.8	19.5	19.3	18.9	18.6	18.3	18.1	18.1	18.2	18.6	19.1	19.7	20.2	20.7	21.1	21.4	21.5	21.4	21.2	21.0	20.7	20.5	20.2	19.8	18.1	21.5	3.4
7/9/07	20.0	19.8	19.7	19.5	19.3	19.1	18.9	18.7	18.6	18.8	19.2	19.7	20.2	20.7	21.2	21.6	21.9	22.0	22.0	21.8	21.5	21.2	20.9	20.6	20.3	18.6	22.0	3.4
7/10/07	20.3	20.1	19.9	19.7	19.5	19.3	19.0	18.8	18.8	19.0	19.4	19.7	20.3	20.9	21.1	21.0	20.7	20.6	20.4	20.3	20.1	20.0	19.8	19.6	19.9	18.8	21.1	2.3
7/11/07	19.5	19.3	19.2	19.0	18.9	18.7	18.6	18.5	18.4	18.4	18.6	19.0	19.7	20.3	20.8	21.2	21.5	21.6	21.5	21.2	20.9	20.6	20.3	20.0	19.8	18.4	21.6	3.2
7/12/07	19.7	19.5	19.3	19.1	18.9	18.7	18.4	18.2	18.1	18.4	18.8	19.2	19.7	20.2	20.7	21.1	21.4	21.5	21.4	21.2	20.9	20.6	20.3	20.0	19.8	18.1	21.5	3.4
7/13/07	19.7	19.5	19.2	19.1	18.8	18.6	18.3	18.1	18.0	18.2	18.7	19.2	19.8	20.3	20.8	21.2	21.5	21.6	21.5	21.3	21.0	20.7	20.4	20.1	19.8	18.0	21.6	3.6
7/14/07	19.8	19.6	19.4	19.2	18.9	18.7	18.5	18.3	18.2	18.4	18.8	19.4	19.9	20.5	21.0	21.5	21.8	21.9	21.8	21.5	21.3	21.0	20.7	20.5	20.0	18.2	21.9	3.7
7/15/07	20.3	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.8	19.0	19.4	20.0	20.5	21.0	21.5	21.8	22.1	22.1	22.0	21.7	21.4	21.1	20.8	20.5	20.4	18.8	22.1	3.3
7/16/07	20.2	19.9	19.7	19.5	19.3	19.1	18.9	18.7	18.7	18.9	19.3	19.8	20.3	20.8	21.3	21.7	21.9	21.9	21.8	21.5	21.1	20.8	20.5	20.2	20.3	18.7	21.9	3.2
7/17/07	19.9	19.7	19.5	19.3	19.1	18.9	18.7	18.5	18.5	18.7	19.1	19.6	20.1	20.6	21.1	21.4	21.6	21.7	21.5	21.2	20.9	20.6	20.3	20.0	20.0	18.5	21.7	3.2
7/18/07	19.7	19.4	19.2	19.0	18.8	18.5	18.3	18.1	18.1	18.2	18.6	18.9	19.3	19.6	20.0	19.9	19.7	19.5	19.3	19.1	18.8	18.6	18.4	18.2	19.0	18.1	20.0	1.9
7/19/07	18.0	17.8	17.6	17.4	17.2	17.1	16.9	16.8	16.9	17.2	17.7	18.3	18.9	19.5	20.1	20.5	20.8	20.9	20.8	20.5	20.1	19.8	19.5	19.2	18.7	16.8	20.9	4.1
7/20/07	18.9	18.7	18.4	18.2	18.0	17.8	17.6	17.3	17.3	17.4	17.9	18.4	18.9	19.4	19.8	20.2	20.5	20.6	20.4	20.2	19.8	19.5	19.2	18.9	18.9	17.3	20.6	3.3
7/21/07	18.6	18.4	18.2	18.0	17.7	17.5	17.3	17.1	17.1	17.3	17.7	18.2	18.8	19.3	19.8	20.3	20.6	20.7	20.7	20.4	20.2	19.9	19.6	19.3	18.9	17.1	20.7	3.6
7/22/07	19.1	18.8	18.7	18.5	18.3	18.1	17.8	17.7	17.6	17.8	18.2	18.8	19.4	19.9	20.5	20.9	21.2	21.4	21.3	21.1	20.8	20.6	20.3	20.0	19.4	17.6	21.4	3.8
7/23/07	19.8	19.5	19.3	19.1	18.9	18.7	18.6	18.4	18.3	18.5	18.9	19.5	19.9	20.2	20.5	20.9	21.2	21.2	21.1	20.9	20.7	20.5	20.3	20.2	19.8	18.3	21.2	2.9
7/24/07	20.1	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.3	19.5	19.8	20.1	20.3	20.7	20.9	20.9	20.8	20.9	20.9	20.8	20.6	20.5	20.3	20.1	20.2	19.3	20.9	1.6
7/25/07	20.0	19.9	19.7	19.6	19.4	19.2	19.0	18.8	18.8	19.0	19.4	20.0	20.5	21.1	21.6	22.0	22.3	22.4	22.3	22.1	21.7	21.4	21.1	20.9	20.5	18.8	22.4	3.6
7/26/07	20.6	20.3	20.1	19.8	19.6	19.3	19.1	18.8	18.6	18.8	19.2	19.8	20.3	20.9	21.4	21.7	22.0	22.0	22.0	21.7	21.4	21.1	20.8	20.5	20.4	18.6	22.0	3.4
7/27/07	20.2	19.9	19.7	19.5	19.3	19.1	18.8	18.6	18.5	18.7	19.1	19.6	20.1	20.6	21.1	21.5	21.7	21.8	21.7	21.5	21.2	20.9	20.6	20.4	20.2	18.5	21.8	3.3
7/28/07	20.1	19.8	19.5	19.4	19.2	18.9	18.7	18.5	18.4	18.6	19.1	19.6	20.1	20.6	21.0	21.4	21.7	21.7	21.6	21.3	21.0	20.8	20.5	20.2	20.1	18.4	21.7	3.3
7/29/07	19.9	19.6	19.4	19.2	19.0	18.8	18.6	18.4	18.3	18.5	18.9	19.4	20.0	20.5	20.9	21.3	21.5	21.5	21.4	21.2	20.9	20.6	20.3	20.1	19.9	18.3	21.5	3.2
7/30/07	19.8	19.5	19.3	19.1	18.9	18.7	18.5	18.3	18.2	18.4	18.8	19.4	19.9	20.4	20.9	21.2	21.5	21.5	21.5	21.3	21.0	20.7	20.4	20.2	19.9	18.2	21.5	3.3
7/31/07	19.9	19.7	19.4	19.2	19.0	18.8	18.5	18.3	18.2	18.4	18.8	19.4	19.9	20.4	20.9	21.2	21.5	21.6	21.5	21.3	21.1	20.9	20.6	20.4	20.0	18.2	21.6	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	17.7	Minimum	15.8
Mean Daily Mean	19.7	Mean Minimum	18.0
Maximum Daily Mean	20.5		
		Maximum	22.4
Minumum Range	1.6	Mean Maximum	21.3
Maximum Range	4.4		
		Mean Range	3.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Salt Springs Reservoir
Station NFMR1
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	20.2	19.9	19.7	19.6	19.4	19.2	19.0	18.8	18.8	19.0	19.4	19.9	20.4	20.9	21.3	21.5	21.8	21.8	21.8	21.6	21.3	21.1	20.8	20.6	20.3	18.8	21.8	3.0
8/2/07	20.3	20.1	19.9	19.7	19.5	19.3	19.1	19.0	18.9	19.0	19.2	19.7	20.2	20.7	21.1	21.5	21.7	21.7	21.6	21.3	21.0	20.7	20.5	20.2	20.3	18.9	21.7	2.8
8/3/07	20.0	19.7	19.5	19.3	19.1	18.9	18.7	18.5	18.5	18.7	19.1	19.6	20.1	20.6	21.0	21.4	21.6	21.6	21.5	21.2	20.9	20.6	20.4	20.1	20.0	18.5	21.6	3.1
8/4/07	19.7	19.4	19.1	18.9	18.6	18.4	18.2	18.0	17.9	18.1	18.5	19.1	19.6	20.1	20.5	20.8	21.1	21.1	20.9	20.7	20.4	20.1	19.9	19.6	19.5	17.9	21.1	3.2
8/5/07	19.3	19.0	18.8	18.5	18.3	18.2	17.9	17.7	17.7	17.9	18.3	18.7	19.2	19.7	20.1	20.4	20.6	20.6	20.5	20.2	19.8	19.5	19.2	19.0	19.1	17.7	20.6	2.9
8/6/07	18.7	18.4	18.2	18.0	17.8	17.6	17.3	17.2	17.1	17.3	17.7	18.1	18.7	19.1	19.5	19.8	19.9	19.9	19.8	19.5	19.2	18.9	18.6	18.3	18.5	17.1	19.9	2.8
8/7/07	18.1	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.6	16.8	17.2	17.6	18.2	18.7	19.1	19.5	19.7	19.8	19.7	19.5	19.2	18.9	18.7	18.4	18.2	16.6	19.8	3.2
8/8/07	18.2	17.9	17.7	17.6	17.4	17.2	17.1	16.9	16.9	17.1	17.4	17.9	18.5	19.0	19.5	19.8	20.1	20.2	20.1	19.9	19.6	19.3	19.1	18.9	18.5	16.9	20.2	3.3
8/9/07	18.6	18.4	18.2	18.0	17.9	17.7	17.5	17.4	17.3	17.4	17.8	18.2	18.8	19.3	19.7	20.0	20.2	20.2	20.1	19.8	19.5	19.2	18.9	18.6	18.7	17.3	20.2	2.9
8/10/07	18.3	18.0	17.8	17.6	17.4	17.3	17.1	16.9	16.8	17.0	17.4	17.9	18.4	19.0	19.4	19.8	20.0	20.0	19.9	19.7	19.4	19.1	18.9	18.7	18.4	16.8	20.0	3.2
8/11/07	18.4	18.1	17.9	17.8	17.6	17.5	17.3	17.1	17.0	17.2	17.5	18.0	18.6	19.1	19.5	19.8	20.0	20.1	20.0	19.7	19.4	19.1	18.8	18.5	18.5	17.0	20.1	3.1
8/12/07	18.3	18.0	17.8	17.6	17.4	17.2	17.0	16.9	16.8	17.0	17.3	17.8	18.3	18.8	19.2	19.6	19.8	19.9	19.8	19.6	19.3	19.0	18.7	18.4	18.3	16.8	19.9	3.1
8/13/07	18.2	17.9	17.7	17.6	17.4	17.2	17.0	16.8	16.7	16.8	17.2	17.6	18.1	18.6	19.1	19.5	19.7	19.8	19.7	19.5	19.2	19.0	18.7	18.5	18.2	16.7	19.8	3.1
8/14/07	18.3	18.0	17.9	17.7	17.5	17.4	17.2	17.1	17.0	17.2	17.6	18.1	18.6	19.2	19.6	20.0	20.2	20.3	20.2	19.9	19.7	19.4	19.2	19.0	18.6	17.0	20.3	3.3
8/15/07	18.7	18.6	18.4	18.2	18.1	18.0	17.8	17.7	17.6	17.8	18.2	18.6	19.1	19.7	20.1	20.5	20.7	20.8	20.7	20.4	20.1	19.9	19.6	19.4	19.1	17.6	20.8	3.2
8/16/07	19.1	18.9	18.7	18.6	18.4	18.2	18.1	17.9	17.9	18.1	18.4	18.9	19.4	19.9	20.3	20.6	20.8	20.9	20.7	20.4	20.1	19.8	19.5	19.3	19.3	17.9	20.9	3.0
8/17/07	19.0	18.8	18.5	18.4	18.2	18.0	17.8	17.6	17.5	17.7	18.1	18.6	19.1	19.6	20.0	20.3	20.5	20.6	20.4	20.1	19.8	19.5	19.1	18.8	19.0	17.5	20.6	3.0
8/18/07	18.5	18.2	18.0	17.8	17.7	17.5	17.3	17.1	17.0	17.2	17.6	18.1	18.6	19.0	19.4	19.7	19.9	19.9	19.8	19.5	19.2	18.9	18.6	18.3	18.4	17.0	19.9	2.9
8/19/07	18.0	17.7	17.5	17.3	17.1	16.9	16.7	16.5	16.4	16.6	17.0	17.4	17.9	18.4	18.8	19.1	19.3	19.3	19.2	19.0	18.7	18.5	18.2	18.0	17.9	16.4	19.3	2.9
8/20/07	17.7	17.5	17.3	17.1	16.9	16.7	16.5	16.3	16.3	16.4	16.7	17.3	17.8	18.3	18.8	19.1	19.4	19.5	19.4	19.2	19.0	18.8	18.6	18.4	17.9	16.3	19.5	3.2
8/21/07	18.2	18.0	17.8	17.7	17.5	17.4	17.2	17.1	17.0	17.2	17.6	18.1	18.7	19.3	19.7	20.1	20.4	20.5	20.5	20.3	20.1	19.9	19.6	19.4	18.7	17.0	20.5	3.5
8/22/07	19.2	19.0	18.8	18.6	18.5	18.3	18.1	18.0	17.9	18.1	18.5	19.0	19.9	20.1	20.5	20.9	21.1	21.2	21.1	20.8	20.6	20.4	20.2	19.9	19.5	17.9	21.2	3.3
8/23/07	19.7	19.5	19.2	19.1	18.9	18.7	18.5	18.3	18.2	18.4	18.8	19.4	19.9	20.4	20.9	21.2	21.4	21.5	21.4	21.2	21.0	20.7	20.5	20.3	19.9	18.2	21.5	3.3
8/24/07	20.1	19.8	19.6	19.4	19.2	19.1	18.9	18.7	18.7	18.9	19.2	19.7	20.3	20.8	21.2	21.5	21.7	21.8	21.7	21.4	21.2	20.9	20.7	20.4	20.2	18.7	21.8	3.1
8/25/07	20.2	19.9	19.7	19.5	19.3	19.1	18.8	18.6	18.5	18.6	18.9	19.4	20.0	20.5	20.9	21.2	21.4	21.4	21.3	21.1	20.9	20.6	20.4	20.2	20.0	18.5	21.4	2.9
8/26/07	20.0	19.7	19.5	19.4	19.2	19.1	18.9	18.8	18.8	19.0	19.4	19.8	20.3	20.7	21.1	21.4	21.5	21.5	21.4	21.1	20.9	20.6	20.4	20.1	20.1	18.8	21.5	2.7
8/27/07	19.9	19.7	19.5	19.3	19.1	19.0	18.8	18.7	18.7	18.9	19.2	19.6	20.1	20.6	20.8	21.3	21.5	21.5	21.4	21.2	20.9	20.7	20.5	20.3	20.1	18.7	21.5	2.8
8/28/07	20.1	19.9	19.8	19.6	19.5	19.3	19.2	19.0	19.0	19.2	19.5	20.0	20.5	20.7	20.6	20.3	20.1	20.0	19.8	19.7	19.6	19.4	19.3	19.2	19.7	19.0	20.7	1.7
8/29/07	19.1	18.9	18.8	18.6	18.5	18.3	18.1	18.0	17.9	18.1	18.5	19.0	19.5	19.9	20.2	20.4	20.7	20.9	20.9	20.7	20.6	20.4	20.2	20.0	19.4	17.9	20.9	3.0
8/30/07	19.8	19.6	19.4	19.2	19.0	18.9	18.8	18.6	18.6	18.7	18.7	19.1	19.6	20.0	20.4	20.6	20.8	20.9	20.8	20.6	20.4	20.2	20.0	19.9	19.7	18.6	20.9	2.3
8/31/07	19.7	19.5	19.3	19.1	19.0	18.8	18.7	18.6	18.6	18.7	18.7	18.8	18.8	19.2	19.4	19.7	19.8	19.9	20.0	19.9	19.8	19.7	19.5	19.4	19.3	18.6	20.0	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	17.9	Minimum	16.3
Mean Daily Mean	19.1	Mean Minimum	17.7
Maximum Daily Mean	20.3		
		Maximum	21.8
Minumum Range	1.4	Mean Maximum	20.6
Maximum Range	3.5		
		Mean Range	2.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Salt Springs Reservoir
Station NFMR1
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	19.2	19.1	19.0	18.8	18.7	18.6	18.5	18.4	18.3	18.5	18.9	19.4	19.8	20.1	20.2	20.4	20.7	20.7	20.6	20.3	20.0	19.8	19.5	19.3	19.5	18.3	20.7	2.4
9/2/07	19.0	18.8	18.6	18.4	18.2	18.1	17.9	17.8	17.7	17.9	18.3	18.8	19.4	19.9	20.3	20.6	20.8	20.8	20.7	20.5	20.2	20.0	19.7	19.5	19.2	17.7	20.8	3.1
9/3/07	19.2	18.9	18.7	18.5	18.2	18.1	17.9	17.8	17.7	17.8	18.2	18.7	19.3	19.8	20.2	20.6	20.7	20.7	20.6	20.4	20.1	19.9	19.6	19.4	19.2	17.7	20.7	3.0
9/4/07	19.1	18.9	18.6	18.4	18.2	18.0	17.8	17.7	17.5	17.6	17.9	18.3	18.8	19.2	19.5	19.8	19.9	19.9	19.7	19.4	19.2	19.0	18.7	18.5	18.7	17.5	19.9	2.4
9/5/07	18.2	17.9	17.6	17.4	17.2	17.0	16.7	16.5	16.4	16.5	16.7	17.1	17.6	18.1	18.4	18.8	18.9	19.0	18.9	18.7	18.6	18.3	18.0	17.7	17.8	16.4	19.0	2.6
9/6/07	17.4	17.2	17.0	16.8	16.6	16.4	16.3	16.1	16.1	16.2	16.5	17.1	17.6	18.2	18.6	18.9	19.1	19.2	19.1	18.9	18.7	18.5	18.3	18.1	17.6	16.1	19.2	3.1
9/7/07	17.9	17.7	17.5	17.4	17.2	17.0	16.9	16.7	16.6	16.7	17.0	17.5	18.0	18.4	18.8	19.0	19.2	19.2	19.1	18.9	18.7	18.5	18.3	18.1	17.9	16.6	19.2	2.6
9/8/07	17.8	17.7	17.5	17.3	17.1	16.9	16.7	16.5	16.4	16.5	16.8	17.2	17.7	18.1	18.5	18.9	19.1	19.1	19.0	18.9	18.7	18.5	18.3	18.1	17.8	16.4	19.1	2.7
9/9/07	17.9	17.7	17.5	17.4	17.2	17.0	16.8	16.6	16.6	16.7	17.0	17.5	17.8	18.2	18.4	18.7	18.9	19.0	19.0	18.8	18.6	18.5	18.3	18.1	17.8	16.6	19.0	2.4
9/10/07	17.9	17.7	17.5	17.2	17.0	16.8	16.6	16.4	16.3	16.4	16.6	17.0	17.5	18.0	18.5	18.8	19.0	19.1	19.1	19.0	18.9	18.7	18.5	18.4	17.8	16.3	19.1	2.8
9/11/07	18.1	17.9	17.7	17.5	17.4	17.2	17.0	16.8	16.7	16.8	17.0	17.4	17.7	17.8	17.9	18.2	18.4	18.5	18.5	18.4	18.3	18.2	18.0	17.8	17.7	16.7	18.5	1.8
9/12/07	17.7	17.5	17.4	17.2	17.1	16.9	16.7	16.6	16.5	16.6	16.9	17.4	17.9	18.3	18.7	18.9	19.1	19.1	18.9	18.7	18.5	18.3	18.1	17.9	17.8	16.5	19.1	2.6
9/13/07	17.7	17.5	17.3	17.2	17.0	16.8	16.7	16.5	16.4	16.5	16.7	17.1	17.5	17.9	18.2	18.3	18.4	18.3	18.0	17.8	17.4	17.2	16.9	16.6	17.3	16.4	18.4	2.0
9/14/07	16.4	16.1	15.9	15.7	15.5	15.3	15.1	15.0	14.9	15.0	15.2	15.6	16.0	16.4	16.7	16.9	16.9	16.9	16.8	16.6	16.3	16.1	15.9	15.7	16.0	14.9	16.9	2.0
9/15/07	15.5	15.2	15.0	14.8	14.6	14.4	14.2	14.0	13.9	14.0	14.3	14.7	15.2	15.7	16.1	16.4	16.5	16.6	16.5	16.2	16.0	15.8	15.6	15.4	15.3	13.9	16.6	2.7
9/16/07	15.2	15.0	14.8	14.6	14.5	14.3	14.1	14.0	13.9	13.9	14.2	14.7	15.2	15.4	15.6	15.7	15.9	15.9	15.8	15.6	15.4	15.2	15.0	14.9	15.0	13.9	15.9	2.0
9/17/07	14.7	14.6	14.4	14.3	14.1	14.0	13.8	13.8	13.7	13.8	14.1	14.5	14.9	15.4	15.8	16.0	16.2	16.2	16.1	15.9	15.8	15.6	15.4	15.2	14.9	13.7	16.2	2.5
9/18/07	14.9	14.7	14.6	14.4	14.2	14.1	13.9	13.8	13.7	13.8	14.1	14.5	15.0	15.4	15.7	16.0	16.1	16.0	15.9	15.7	15.5	15.3	15.2	14.9	14.9	13.7	16.1	2.4
9/19/07	14.7	14.6	14.4	14.3	14.2	14.1	14.0	13.8	13.7	13.7	13.9	14.2	14.5	14.9	15.1	15.1	15.0	14.8	14.6	14.3	14.1	13.9	13.6	13.5	14.3	13.5	15.1	1.6
9/20/07	13.3	13.2	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.4	12.5	12.5	12.6	12.7	12.8	12.8	12.8	12.7	12.6	12.5	12.4	12.2	12.6	12.2	13.3	1.1
9/21/07	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.4	11.5	11.7	12.2	12.7	13.1	13.2	13.2	13.1	13.2	13.2	13.1	13.0	12.8	12.6	12.5	12.3	11.4	13.2	1.8
9/22/07	12.4	12.2	12.1	12.0	11.9	11.8	11.7	11.7	11.7	11.7	11.8	11.8	11.9	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.2	11.8	11.2	12.4	1.1
9/23/07	11.2	11.1	11.0	11.0	11.0	11.0	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.2	11.4	11.7	11.9	11.9	11.9	11.7	11.6	11.5	11.4	11.3	11.3	10.9	11.9	1.0
9/24/07	11.1	11.0	11.0	10.8	10.8	10.6	10.5	10.4	10.3	10.4	10.7	11.1	12.1	12.1	12.5	12.8	13.0	13.0	13.0	12.8	12.7	12.5	12.3	12.1	11.7	10.3	13.0	2.7
9/25/07	11.9	11.7	11.5	11.4	11.2	11.1	10.9	10.8	10.7	10.8	11.1	11.6	12.1	12.6	13.1	13.4	13.5	13.6	13.5	13.3	13.2	13.0	12.8	12.6	12.1	10.7	13.6	2.9
9/26/07	12.4	12.3	12.1	12.0	11.9	11.7	11.6	11.5	11.4	11.4	11.7	12.1	12.7	13.2	13.6	13.9	14.0	14.1	14.0	13.8	13.7	13.5	13.3	13.2	12.7	11.4	14.1	2.7
9/27/07	13.0	12.8	12.7	12.5	12.4	12.3	12.1	11.9	11.8	11.9	12.1	12.6	13.1	13.4	13.5	13.6	13.6	13.6	13.5	13.4	13.3	13.1	13.0	12.8	12.8	11.8	13.6	1.8
9/28/07	12.6	12.5	12.3	12.2	12.1	12.0	11.9	11.8	11.8	11.9	12.2	12.5	12.8	13.1	13.5	13.7	13.7	13.7	13.5	13.3	13.1	12.9	12.8	12.6	12.7	11.8	13.7	1.9
9/29/07	12.4	12.3	12.1	12.0	11.8	11.5	11.3	11.1	10.8	10.8	10.9	11.3	11.7	12.1	12.5	12.7	12.8	12.8	12.7	12.5	12.4	12.2	12.0	11.8	11.9	10.8	12.8	2.0
9/30/07	11.6	11.4	11.3	11.1	11.0	10.8	10.7	10.6	10.5	10.6	10.8	11.3	11.8	12.3	12.6	12.9	13.0	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.7	10.5	13.0	2.5

*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	11.3	Minimum	10.3
Mean Daily Mean	15.3	Mean Minimum	14.2
Maximum Daily Mean	19.5		
		Maximum	20.8
Minumum Range	1.0	Mean Maximum	16.5
Maximum Range	3.1		
		Mean Range	2.3
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Salt Springs Reservoir
Station NFMR2
Hourly Temperature Recording (ºC)
April 2007

	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
4/1/07	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.5	6.8	7.1	7.2	7.6	7.9	8.2	8.1	8.0	7.7	7.4	7.1	7.0	6.9	6.8	7.0	6.4	8.2	1.8
4/2/07	6.6	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.5	6.6	6.9	7.1	7.2	7.5	7.8	8.2	8.2	8.2	7.8	7.5	7.2	7.0	6.9	6.8	7.0	6.4	8.2	1.8
4/3/07	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.7	7.0	7.2	7.3	7.5	7.9	8.3	8.3	8.3	8.0	7.5	7.2	7.1	7.0	6.9	7.2	6.6	8.3	1.7
4/4/07	6.8	6.7	6.7	6.7	6.7	6.7	6.8	6.9	6.9	7.0	7.2	7.4	7.5	7.7	7.8	7.8	7.7	7.8	7.5	7.2	7.1	7.0	7.0	6.9	7.1	6.7	7.8	1.1
4/5/07	6.9	6.9	6.8	6.8	6.8	6.9	7.0	7.0	7.1	7.1	7.2	7.3	7.4	7.6	7.9	7.9	7.8	7.5	7.4	7.3	7.2	7.2	7.1	7.1	7.2	6.8	7.9	1.1
4/6/07	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	7.0	7.2	7.4	7.5	7.8	8.0	8.4	8.4	8.3	7.9	7.6	7.4	7.3	7.2	7.1	7.4	6.9	8.4	1.5
4/7/07	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.1	7.1	7.1	7.2	7.4	7.5	7.6	7.8	7.8	7.9	7.8	7.5	7.3	7.2	7.1	7.1	7.0	7.3	7.0	7.9	0.9
4/8/07	7.0	7.0	7.0	7.1	7.1	7.2	7.3	7.3	7.2	7.2	7.4	7.4	7.5	7.8	8.1	8.2	8.1	8.0	7.6	7.3	7.1	7.0	6.9	6.9	7.4	6.9	8.2	1.3
4/9/07	6.9	6.9	6.9	6.9	7.0	7.1	7.3	7.2	7.2	7.3	7.4	7.4	7.4	7.6	7.8	8.0	8.1	8.1	7.7	7.4	7.2	7.1	7.0	7.0	7.3	6.9	8.1	1.2
4/10/07	6.9	6.9	6.8	6.8	6.9	7.0	7.1	7.1	7.0	6.9	7.1	7.2	7.2	7.4	7.7	7.9	7.9	7.9	7.6	7.3	7.1	7.1	7.0	7.0	7.2	6.8	7.9	1.1
4/11/07	7.0	7.0	6.9	7.0	7.0	7.0	7.2	7.1	7.0	7.0	6.9	6.9	7.1	7.2	7.4	7.5	7.4	7.5	7.2	7.1	7.0	7.0	7.0	7.0	7.1	6.9	7.5	0.6
4/12/07	6.9	6.9	6.9	6.9	6.7	6.8	6.7	6.7	6.7	6.7	6.9	7.1	7.2	7.5	7.7	7.8	7.7	7.6	7.3	7.3	7.2	7.0	6.9	6.9	7.1	6.7	7.8	1.1
4/13/07	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7	6.7	6.8	7.0	7.2	7.3	7.6	7.9	8.1	8.2	8.2	7.9	7.5	7.4	7.3	7.2	7.2	7.2	6.7	8.2	1.5
4/14/07	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.0	7.1	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0	7.0	7.0	7.0	7.1	7.0	7.3	0.3
4/15/07	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.4	7.6	7.7	7.7	8.1	8.1	7.9	7.6	7.4	7.3	7.1	7.1	7.1	7.3	7.0	8.1	1.1
4/16/07	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	7.0	7.2	7.4	7.6	7.9	8.1	8.3	8.4	8.4	8.1	7.8	7.5	7.4	7.4	7.3	7.4	6.9	8.4	1.5
4/17/07	7.3	7.2	7.3	7.3	7.3	7.2	7.2	7.3	7.4	7.5	7.7	7.9	7.9	7.8	7.7	7.7	7.7	7.5	7.3	7.2	7.1	6.9	6.9	6.9	7.4	6.9	7.9	1.0
4/18/07	6.8	6.8	6.8	6.7	6.8	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.7	7.6	7.6	7.4	7.2	7.0	6.9	6.9	6.8	7.1	6.7	7.7	1.0
4/19/07	6.7	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4	7.4	7.3	7.2	7.1	7.0	7.0	7.0	6.9	7.0	6.7	7.4	0.7
4/20/07	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.2	7.4	7.7	8.0	8.0	7.8	7.6	7.4	7.3	7.3	7.3	7.2	7.2	7.2	7.2	6.9	8.0	1.1
4/21/07	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.5	7.6	7.7	7.6	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.2	7.0	7.7	0.7
4/22/07	7.0	7.0	7.0	6.9	6.9	6.7	6.6	6.7	6.7	6.7	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.3	7.3	7.2	7.1	7.1	7.0	7.0	7.0	6.6	7.4	0.8
4/23/07	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.9	7.2	7.5	7.7	8.0	8.2	8.4	8.3	8.2	8.0	7.7	7.6	7.4	7.4	7.3	7.4	6.8	8.4	1.6
4/24/07	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.1	7.3	7.5	7.8	8.1	8.4	8.6	8.6	8.7	8.3	8.0	7.7	7.6	7.5	7.4	7.6	7.0	8.7	1.7
4/25/07	7.4	7.3	7.3	7.2	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.6	8.0	8.3	8.5	8.6	8.4	8.1	7.9	7.6	7.5	7.4	7.3	7.3	7.6	7.1	8.6	1.5
4/26/07	7.2	7.2	7.1	7.0	7.1	7.2	7.3	7.3	7.3	7.5	7.7	7.9	8.2	8.4	8.6	8.7	8.7	8.7	8.3	7.9	7.7	7.6	7.6	7.5	7.7	7.0	8.7	1.7
4/27/07	7.5	7.4	7.4	7.4	7.4	7.4	7.3	7.4	7.4	7.5	7.7	8.0	8.2	8.5	8.8	8.9	8.9	8.8	8.5	8.1	7.9	7.8	7.7	7.7	7.9	7.3	8.9	1.6
4/28/07	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.5	7.7	8.0	8.2	8.4	8.6	8.8	8.7	8.6	8.3	8.0	7.9	7.8	7.7	7.6	7.9	7.4	8.8	1.4
4/29/07	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.5	7.6	7.7	7.9	8.2	8.4	8.6	8.7	8.7	8.6	8.3	7.9	7.8	7.7	7.6	7.6	7.9	7.4	8.7	1.3
4/30/07	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.5	7.7	7.9	8.2	8.4	8.7	8.8	8.8	8.6	8.4	8.1	7.9	7.8	7.7	7.7	7.9	7.4	8.8	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	7.0	Minimum	6.4
Mean Daily Mean	7.3	Mean Minimum	6.9
Maximum Daily Mean	7.9		
		Maximum	8.9
Minumum Range	0.3	Mean Maximum	8.1
Maximum Range	1.8		
		Mean Range	1.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Salt Springs Reservoir
Station NFMR2
Hourly Temperature Recording (ºC)
May 2007

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
5/1/07	7.7	7.6	7.6	7.6	7.6	7.5	7.4	7.4	7.4	7.5	7.6	7.9	8.2	8.4	8.7	8.8	8.6	8.5	8.1	7.9	7.7	7.7	7.6	7.6	7.9	7.4	8.8	1.4
5/2/07	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.3	7.3	7.4	7.4	7.4	7.3	7.3	7.5	7.3	7.6	0.3
5/3/07	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.2	7.3	7.6	7.7	7.8	8.0	7.9	7.8	7.8	7.7	7.5	7.4	7.3	7.3	7.2	7.4	7.1	8.0	0.9
5/4/07	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.4	7.7	7.7	7.9	8.0	7.9	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.4	7.1	8.0	0.8
5/5/07	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.3	7.4	7.7	7.9	8.1	8.2	8.3	8.1	7.9	7.7	7.5	7.4	7.4	7.3	7.2	7.5	7.1	8.3	1.2
5/6/07	7.2	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.4	7.7	8.0	8.2	8.4	8.5	8.4	8.3	8.1	7.8	7.7	7.6	7.6	7.5	7.6	7.1	8.5	1.4
5/7/07	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.6	7.8	8.2	8.4	8.7	8.8	8.9	8.9	8.9	8.6	8.3	8.1	8.0	7.9	7.8	8.0	7.4	8.9	1.5
5/8/07	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.9	8.0	8.3	8.6	8.8	8.9	9.0	9.1	8.9	8.7	8.2	8.1	8.0	7.9	7.9	8.2	7.7	9.1	1.4
5/9/07	7.9	7.8	7.8	7.8	7.8	7.8	7.8	7.7	7.8	7.9	8.0	8.3	8.5	8.7	8.9	9.0	9.0	8.9	8.7	8.3	8.1	8.0	8.0	7.9	8.2	7.7	9.0	1.3
5/10/07	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.9	8.0	8.4	8.5	8.7	9.0	9.1	9.1	9.0	8.9	8.4	8.2	8.0	8.0	8.0	8.2	7.8	9.1	1.3
5/11/07	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.7	7.7	7.8	7.9	8.3	8.5	8.7	8.9	9.0	9.0	9.0	8.7	8.4	8.2	8.1	8.0	8.0	8.2	7.7	9.0	1.3
5/12/07	8.0	8.0	7.9	7.9	7.8	7.8	7.8	7.8	7.8	7.9	8.0	8.3	8.5	8.7	8.9	9.0	9.0	8.9	8.6	8.2	8.0	7.9	7.9	7.8	8.2	7.8	9.0	1.2
5/13/07	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.6	7.6	7.7	7.9	8.2	8.4	8.6	8.8	8.9	9.0	9.0	8.8	8.3	8.2	8.1	8.1	8.0	8.1	7.6	9.0	1.4
5/14/07	8.0	7.9	7.9	7.8	7.8	7.8	7.7	7.8	7.8	7.9	8.0	8.3	8.6	8.8	9.0	9.1	9.2	9.1	8.9	8.4	8.2	8.2	8.1	8.1	8.3	7.7	9.2	1.5
5/15/07	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.8	7.9	8.0	8.2	8.5	8.7	9.0	9.1	9.3	9.3	9.3	8.9	8.5	8.3	8.2	8.2	8.1	8.4	7.8	9.3	1.5
5/16/07	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.6	8.8	9.1	9.2	9.4	9.3	9.2	9.0	8.4	8.3	8.2	8.1	8.1	8.4	8.0	9.4	1.4
5/17/07	8.0	8.0	8.0	7.9	7.8	7.8	7.8	7.8	7.8	7.9	8.1	8.4	8.6	8.9	9.1	9.2	9.3	9.2	9.0	8.6	8.4	8.4	8.3	8.2	8.4	7.8	9.3	1.5
5/18/07	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.9	7.9	8.0	8.1	8.5	8.7	9.0	9.2	9.4	9.4	9.3	9.1	8.7	8.5	8.4	8.3	8.3	8.5	7.9	9.4	1.5
5/19/07	8.2	8.2	8.1	8.0	8.0	7.8	7.8	7.7	7.8	7.9	8.0	8.4	8.6	8.8	9.1	9.3	9.4	9.4	9.2	8.8	8.6	8.5	8.4	8.4	8.4	7.7	9.4	1.7
5/20/07	8.3	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.5	8.7	9.0	9.3	9.5	9.5	9.4	9.2	8.8	8.5	8.4	8.4	8.3	8.5	8.0	9.5	1.5
5/21/07	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9	8.0	8.2	8.5	8.7	8.9	9.2	9.2	9.2	9.3	9.1	8.7	8.4	8.3	8.2	8.1	8.4	7.9	9.3	1.4
5/22/07	8.1	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.7	7.8	8.0	8.3	8.5	8.7	8.9	9.1	9.1	9.1	8.9	8.5	8.3	8.2	8.1	8.0	8.3	7.7	9.1	1.4
5/23/07	8.0	7.9	7.8	7.8	7.8	7.8	7.7	7.8	7.9	8.0	8.1	8.3	8.5	8.8	9.1	9.3	9.4	9.3	9.1	8.6	8.5	8.5	8.5	8.4	8.4	7.7	9.4	1.7
5/24/07	8.4	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.1	8.3	8.4	8.7	8.9	9.1	9.3	9.5	9.6	9.4	9.1	8.7	8.5	8.4	8.4	8.4	8.6	8.1	9.6	1.4
5/25/07	8.4	8.4	8.4	8.4	8.3	8.2	8.2	8.2	8.2	8.3	8.5	8.8	9.0	9.3	9.4	9.6	9.7	9.6	9.2	8.9	8.7	8.7	8.6	8.6	8.7	8.2	9.7	1.5
5/26/07	8.5	8.5	8.5	8.4	8.3	8.2	8.2	8.2	8.3	8.4	8.6	8.9	9.1	9.4	9.6	9.7	9.7	9.7	9.5	9.0	8.9	8.8	8.7	8.7	8.8	8.2	9.7	1.5
5/27/07	8.6	8.6	8.6	8.6	8.5	8.4	8.4	8.4	8.4	8.5	8.6	9.0	9.2	9.5	9.7	9.9	9.9	9.8	9.6	9.1	8.9	8.8	8.7	8.7	8.9	8.4	9.9	1.5
5/28/07	8.6	8.6	8.6	8.5	8.4	8.4	8.3	8.3	8.4	8.5	8.6	9.0	9.2	9.5	9.7	10.0	9.9	9.9	9.6	9.1	9.0	8.8	8.8	8.7	8.9	8.3	10.0	1.7
5/29/07	8.7	8.6	8.5	8.4	8.4	8.3	8.2	8.2	8.3	8.4	8.5	8.9	9.2	9.4	9.7	9.9	10.0	10.0	9.8	9.3	9.0	8.9	8.8	8.7	8.9	8.2	10.0	1.8
5/30/07	8.7	8.6	8.5	8.5	8.4	8.4	8.4	8.4	8.4	8.5	8.6	9.0	9.3	9.6	9.9	10.8	9.8	9.6	9.3	9.1	9.0	8.9	8.9	8.8	9.0	8.4	10.8	2.4
5/31/07	8.7	8.7	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.7	8.9	9.2	9.5	9.7	10.0	10.2	10.2	10.0	9.6	9.4	9.2	9.0	8.9	8.9	9.1	8.5	10.2	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	7.4	Minimum	7.1
Mean Daily Mean	8.3	Mean Minimum	7.8
Maximum Daily Mean	9.1		
		Maximum	10.8
Minumum Range	0.3	Mean Maximum	9.2
Maximum Range	2.4		
		Mean Range	1.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Salt Springs Reservoir
Station NFMR2
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	8.8	8.8	8.7	8.7	8.6	8.6	8.6	8.6	8.7	8.9	9.0	9.4	9.6	9.9	10.1	10.3	10.3	10.1	9.8	9.5	9.3	9.1	9.0	9.0	9.2	8.6	10.3	1.7
6/2/07	8.9	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.8	8.9	9.0	9.5	9.7	10.0	10.2	10.3	10.3	10.2	9.9	9.4	9.2	9.1	9.0	8.9	9.3	8.7	10.3	1.6
6/3/07	8.8	8.7	8.7	8.7	8.6	8.5	8.4	8.4	8.5	8.7	8.9	9.2	9.5	9.8	10.0	10.2	10.2	10.1	9.9	9.4	9.2	9.1	9.0	8.9	9.1	8.4	10.2	1.7
6/4/07	8.9	8.8	8.7	8.7	8.6	8.6	8.6	8.7	8.7	8.9	9.0	9.4	9.6	9.8	10.0	10.1	10.0	9.9	9.6	9.4	9.0	8.8	8.7	8.7	9.1	8.6	10.1	1.5
6/5/07	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.7	8.8	8.9	8.9	9.1	9.2	9.4	9.3	9.1	9.0	8.8	8.6	8.5	8.4	8.4	8.8	8.4	9.4	1.0
6/6/07	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.8	8.8	9.0	9.1	9.0	8.6	8.6	8.6	8.4	8.4	8.3	8.3	8.2	8.5	8.2	9.1	0.9
6/7/07	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.3	8.5	9.0	9.2	9.3	9.5	9.8	9.7	9.8	9.5	9.0	8.8	8.7	8.7	8.6	8.7	8.1	9.8	1.7
6/8/07	8.6	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.4	8.6	8.7	9.2	9.4	9.7	9.9	10.1	10.1	10.1	9.8	9.3	9.0	8.9	8.9	8.8	9.0	8.3	10.1	1.8
6/9/07	8.8	8.7	8.7	8.6	8.5	8.5	8.5	8.5	8.6	8.7	9.0	9.4	9.6	9.8	10.1	10.2	10.1	10.1	10.0	9.4	9.2	9.1	9.0	8.9	9.2	8.5	10.2	1.7
6/10/07	8.9	8.7	8.6	8.6	8.6	8.6	8.6	8.7	8.8	8.9	9.0	9.5	9.7	10.0	10.4	10.8	10.8	10.9	10.7	10.1	9.8	9.5	9.3	9.2	9.4	8.6	10.9	2.3
6/11/07	9.1	9.0	9.0	8.9	8.9	8.8	8.8	8.8	8.8	9.0	9.1	9.6	10.0	10.3	10.6	11.0	11.1	11.1	10.8	10.2	9.9	9.5	9.3	9.2	9.6	8.8	11.1	2.3
6/12/07	9.1	9.0	8.9	8.9	8.8	8.8	8.8	8.8	8.9	9.0	9.1	9.6	10.0	10.3	10.6	11.0	11.1	11.2	10.9	10.1	9.7	9.5	9.3	9.2	9.6	8.8	11.2	2.4
6/13/07	9.1	9.0	9.0	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.4	9.9	10.2	10.4	10.7	11.1	11.1	11.2	10.9	10.2	9.8	9.5	9.4	9.3	9.7	8.9	11.2	2.3
6/14/07	9.2	9.1	9.0	9.0	8.9	8.9	8.9	8.9	9.0	9.1	9.3	9.8	10.2	10.4	10.8	11.2	11.2	11.2	10.9	10.3	9.8	9.6	9.5	9.4	9.7	8.9	11.2	2.3
6/15/07	9.3	9.2	9.1	9.1	9.0	9.0	8.9	8.9	9.0	9.2	9.4	9.9	10.2	10.6	10.9	11.2	11.2	11.2	11.0	10.3	9.9	9.7	9.5	9.4	9.8	8.9	11.2	2.3
6/16/07	9.3	9.3	9.2	9.2	9.1	9.1	9.1	9.0	9.1	9.3	9.5	10.0	10.4	10.7	10.9	11.3	11.3	11.2	11.0	10.3	9.9	9.6	9.4	9.3	9.9	9.0	11.3	2.3
6/17/07	9.2	9.1	9.1	9.0	8.9	8.8	8.8	8.8	8.8	9.0	9.2	9.7	10.1	10.4	10.7	11.2	11.2	11.2	10.9	10.3	9.9	9.6	9.4	9.4	9.7	8.8	11.2	2.4
6/18/07	9.3	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.9	9.1	9.3	9.8	10.2	10.6	10.9	11.3	11.3	11.4	11.1	10.5	10.0	9.7	9.6	9.4	9.8	8.9	11.4	2.5
6/19/07	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.1	9.2	9.4	9.5	10.0	10.3	10.6	10.9	11.3	11.4	11.3	11.0	10.5	10.0	9.8	9.6	9.5	9.9	9.1	11.4	2.3
6/20/07	9.4	9.3	9.2	9.2	9.2	9.1	9.1	9.1	9.2	9.3	9.5	10.1	10.4	10.6	10.8	11.2	11.2	11.2	10.9	10.3	9.9	9.6	9.4	9.3	9.9	9.1	11.2	2.1
6/21/07	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.9	9.0	9.1	9.3	9.8	10.2	10.5	10.8	11.2	11.2	11.3	11.0	10.4	10.0	9.7	9.5	9.4	9.8	8.9	11.3	2.4
6/22/07	9.3	9.2	9.1	9.0	8.9	8.9	8.8	8.8	8.9	9.0	9.2	9.7	10.2	10.5	10.8	11.3	11.3	11.3	11.0	10.3	9.8	9.6	9.4	9.3	9.7	8.8	11.3	2.5
6/23/07	9.2	9.1	9.0	9.0	8.9	8.9	8.9	8.9	8.9	9.1	9.2	9.8	10.2	10.5	10.8	11.2	11.2	11.2	10.9	10.2	9.9	9.6	9.4	9.2	9.7	8.9	11.2	2.3
6/24/07	9.1	9.0	8.9	8.9	8.8	8.8	8.8	8.8	8.9	9.0	9.2	9.7	10.0	10.4	10.6	11.0	11.0	11.0	10.8	10.2	9.8	9.5	9.3	9.2	9.6	8.8	11.0	2.2
6/25/07	9.1	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.9	9.1	9.3	9.8	10.2	10.5	10.8	11.2	11.2	11.2	10.9	10.3	10.0	9.7	9.6	9.5	9.7	8.8	11.2	2.4
6/26/07	9.3	9.2	9.2	9.1	9.0	9.0	9.0	9.0	9.1	9.2	9.4	9.9	10.3	10.7	11.0	11.3	11.3	11.3	11.0	10.4	9.9	9.7	9.5	9.4	9.9	9.0	11.3	2.3
6/27/07	9.3	9.2	9.2	9.1	9.1	9.1	9.1	9.1	9.2	9.3	9.5	9.9	10.4	10.6	11.7	11.4	11.3	11.1	10.8	10.3	10.0	9.8	9.6	9.5	9.9	9.1	11.7	2.6
6/28/07	9.4	9.3	9.2	9.1	9.1	9.1	9.0	9.0	9.1	9.2	9.4	9.9	10.3	10.7	11.0	11.3	11.2	11.1	10.7	10.3	10.0	9.7	9.6	9.5	9.8	9.0	11.3	2.3
6/29/07	9.4	9.3	9.2	9.2	9.1	9.1	9.1	9.1	9.2	9.3	9.5	10.0	10.4	10.8	11.0	11.3	11.3	11.2	10.8	10.4	10.1	9.9	9.7	9.6	9.9	9.1	11.3	2.2
6/30/07	9.5	9.4	9.3	9.3	9.3	9.3	9.2	9.3	9.3	9.5	9.7	10.1	10.5	10.9	11.1	11.5	11.5	11.3	10.9	10.5	10.2	9.9	9.7	9.6	10.0	9.2	11.5	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	8.5	Minimum	8.1
Mean Daily Mean	9.5	Mean Minimum	8.8
Maximum Daily Mean	10.0		
		Maximum	11.7
Minumum Range	0.9	Mean Maximum	10.9
Maximum Range	2.6		
		Mean Range	2.1
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Salt Springs Reservoir
Station NFMR2
Hourly Temperature Recording (ºC)
July 2007

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
7/1/07	9.5	9.4	9.3	9.3	9.3	9.2	9.2	9.3	9.3	9.5	9.7	10.3	11.1	11.5	12.0	12.5	12.6	12.5	12.1	11.5	11.1	10.8	10.6	10.4	10.5	9.2	12.6	3.4
7/2/07	10.2	10.1	9.9	9.8	9.7	9.6	9.5	9.5	9.4	9.5	9.6	10.3	11.0	11.6	12.0	12.4	12.5	12.4	11.9	11.4	11.1	10.8	10.6	10.4	10.6	9.4	12.5	3.1
7/3/07	10.3	10.1	10.0	9.9	9.8	9.7	9.6	9.6	9.6	9.6	9.7	10.4	11.1	11.7	12.3	12.6	12.7	12.6	12.3	11.7	11.3	11.1	10.9	10.7	10.8	9.6	12.7	3.1
7/4/07	10.5	10.4	10.3	10.2	10.1	10.1	10.0	9.9	9.9	9.9	10.0	10.7	11.4	12.1	12.7	13.0	13.2	13.0	12.6	12.1	11.7	11.4	11.2	11.0	11.1	9.9	13.2	3.3
7/5/07	10.9	10.8	10.6	10.4	10.3	10.2	10.0	10.0	9.9	9.9	10.0	10.6	11.4	12.1	12.6	12.9	13.0	12.9	12.5	12.1	11.7	11.4	11.2	11.0	11.2	9.9	13.0	3.1
7/6/07	10.8	10.7	10.6	10.5	10.4	10.4	10.4	10.3	10.4	10.5	10.7	11.0	11.8	12.5	13.0	13.2	13.2	13.0	12.6	12.1	11.7	11.4	11.2	11.0	11.4	10.3	13.2	2.9
7/7/07	10.9	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.1	10.1	10.2	10.7	11.4	12.1	12.6	12.9	13.0	12.8	12.4	11.9	11.5	11.3	11.1	10.9	11.2	10.1	13.0	2.9
7/8/07	10.7	10.6	10.5	10.3	10.2	10.1	10.0	9.9	9.9	9.9	10.0	10.5	11.2	11.8	12.3	12.6	12.8	12.6	12.3	11.9	11.5	11.3	11.1	10.9	11.0	9.9	12.8	2.9
7/9/07	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.5	11.0	11.7	12.3	12.8	13.0	13.1	12.9	12.5	12.0	11.7	11.4	11.2	11.0	11.3	10.4	13.1	2.7
7/10/07	10.9	10.7	10.6	10.5	10.5	10.4	10.3	10.3	10.3	10.4	10.5	11.0	11.4	12.2	12.7	12.8	12.2	11.8	11.8	11.7	11.6	11.4	11.3	11.1	11.2	10.3	12.8	2.5
7/11/07	11.0	10.9	10.8	10.7	10.6	10.6	10.6	10.6	10.7	10.8	10.9	11.1	11.7	12.4	13.0	13.2	13.3	13.1	12.6	12.1	11.7	11.4	11.2	11.0	11.5	10.6	13.3	2.7
7/12/07	10.9	10.7	10.6	10.5	10.4	10.3	10.3	10.2	10.2	10.2	10.3	10.9	11.5	12.2	12.8	13.0	13.1	12.9	12.5	12.0	11.7	11.4	11.1	11.0	11.3	10.2	13.1	2.9
7/13/07	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.2	10.2	10.2	10.2	10.8	11.5	12.3	12.9	13.1	13.2	13.0	12.5	12.0	11.7	11.4	11.1	10.9	11.3	10.2	13.2	3.0
7/14/07	10.8	10.7	10.5	10.4	10.4	10.2	10.2	10.2	10.2	10.2	10.3	10.8	11.5	12.3	12.9	13.1	13.3	13.0	12.6	12.1	11.8	11.5	11.2	11.0	11.3	10.2	13.3	3.1
7/15/07	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.3	10.3	10.3	10.4	10.9	11.6	12.3	12.9	13.1	13.2	12.9	12.4	11.9	11.6	11.3	11.0	10.8	11.3	10.3	13.2	2.9
7/16/07	10.7	10.6	10.5	10.4	10.3	10.2	10.2	10.2	10.2	10.2	10.3	10.9	11.5	12.2	12.8	13.0	13.2	12.9	12.5	12.0	11.6	11.3	11.0	10.9	11.2	10.2	13.2	3.0
7/17/07	10.7	10.6	10.5	10.4	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.7	11.4	12.1	12.7	13.0	13.0	12.7	12.2	11.7	11.4	11.1	10.9	10.7	11.1	10.2	13.0	2.8
7/18/07	10.5	10.4	10.2	10.1	10.0	10.0	9.9	9.8	9.8	9.8	10.1	10.6	11.0	11.4	11.6	11.5	11.5	11.7	11.6	11.3	11.1	10.9	10.7	10.6	10.7	9.8	11.7	1.9
7/19/07	10.5	10.4	10.3	10.2	10.2	10.1	10.0	10.0	10.0	10.0	10.1	10.6	11.3	12.1	12.8	12.8	13.0	12.7	12.2	11.7	11.3	11.0	10.8	10.6	11.0	10.0	13.0	3.0
7/20/07	10.5	10.4	10.3	10.2	10.1	10.0	10.0	9.9	10.0	10.0	10.1	10.7	11.3	12.1	12.8	12.8	13.0	12.7	12.3	11.8	11.5	11.2	11.0	10.8	11.1	9.9	13.0	3.1
7/21/07	10.6	10.5	10.4	10.3	10.2	10.1	10.0	10.0	10.0	10.0	10.1	10.7	11.3	12.1	12.7	12.9	13.0	12.8	12.5	12.0	11.7	11.4	11.2	11.0	11.1	10.0	13.0	3.0
7/22/07	10.8	10.7	10.6	10.5	10.4	10.4	10.3	10.2	10.2	10.2	10.4	10.9	11.6	12.3	12.9	13.1	13.3	13.1	12.7	12.2	11.9	11.6	11.4	11.2	11.4	10.2	13.3	3.1
7/23/07	11.0	10.9	10.8	10.6	10.6	10.5	10.4	10.4	10.4	10.4	10.5	11.0	11.7	12.3	12.5	13.0	13.2	13.0	12.7	12.3	11.9	11.6	11.4	11.2	11.4	10.4	13.2	2.8
7/24/07	11.1	11.0	10.9	10.8	10.8	10.7	10.7	10.7	10.8	10.9	11.2	11.5	11.8	12.1	12.3	12.6	12.7	12.8	12.6	12.3	11.9	11.7	11.5	11.3	11.5	10.7	12.8	2.1
7/25/07	11.1	11.0	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.8	10.9	11.4	11.9	12.6	13.1	13.4	13.4	13.3	12.7	12.2	11.9	11.6	11.3	11.2	11.7	10.8	13.4	2.6
7/26/07	11.0	10.9	10.8	10.7	10.6	10.6	10.5	10.5	10.4	10.5	10.5	11.0	11.7	12.5	13.0	13.2	13.3	13.0	12.5	12.0	11.7	11.4	11.2	11.1	11.4	10.4	13.3	2.9
7/27/07	10.9	10.8	10.7	10.5	10.4	10.4	10.3	10.3	10.3	10.3	10.4	11.0	11.6	12.3	12.9	13.0	13.1	12.9	12.5	12.0	11.7	11.4	11.2	11.0	11.3	10.3	13.1	2.8
7/28/07	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.4	11.0	11.7	12.4	12.9	13.1	13.1	12.9	12.4	12.0	11.6	11.4	11.2	11.0	11.3	10.3	13.1	2.8
7/29/07	10.8	10.7	10.6	10.5	10.5	10.4	10.3	10.3	10.3	10.4	10.5	11.0	11.7	12.4	13.0	13.1	13.2	12.9	12.4	12.0	11.6	11.3	11.1	11.0	11.3	10.3	13.2	2.9
7/30/07	10.8	10.7	10.6	10.5	10.4	10.3	10.3	10.3	10.3	10.3	10.4	10.9	11.6	12.3	12.9	13.1	13.1	12.8	12.4	11.9	11.6	11.4	11.2	11.0	11.3	10.3	13.1	2.8
7/31/07	10.9	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.3	10.4	10.5	11.0	11.6	12.3	12.8	13.0	13.1	12.8	12.4	12.0	11.7	11.5	11.3	11.1	11.4	10.3	13.1	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	10.5	Minimum	9.2
Mean Daily Mean	11.2	Mean Minimum	10.1
Maximum Daily Mean	11.7		
		Maximum	13.4
Minumum Range	1.9	Mean Maximum	13.0
Maximum Range	3.4		
		Mean Range	2.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Salt Springs Reservoir
Station NFMR2
Hourly Temperature Recording (ºC)
August 2007

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
8/1/07	11.0	10.9	10.8	10.7	10.6	10.6	10.5	10.5	10.5	10.5	10.7	11.1	11.8	12.3	12.7	13.0	13.1	12.8	12.4	12.0	11.7	11.5	11.3	11.1	11.4	10.5	13.1	2.6
8/2/07	11.0	10.9	10.8	10.7	10.6	10.5	10.5	10.4	10.5	10.6	10.8	11.1	11.7	12.3	12.9	13.1	13.0	12.8	12.4	12.0	11.7	11.4	11.2	11.1	11.4	10.4	13.1	2.7
8/3/07	11.0	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.5	10.6	11.1	11.7	12.3	13.0	13.1	13.1	12.8	12.4	12.0	11.6	11.4	11.2	11.0	11.4	10.4	13.1	2.7
8/4/07	10.9	10.8	10.6	10.6	10.5	10.3	10.3	10.2	10.3	10.3	10.5	10.9	11.6	12.2	12.8	12.9	13.0	12.7	12.3	11.8	11.6	11.3	11.1	11.0	11.3	10.2	13.0	2.8
8/5/07	10.8	10.7	10.6	10.5	10.4	10.4	10.3	10.3	10.3	10.3	10.4	10.8	11.5	12.2	12.7	12.8	12.9	12.6	12.1	11.7	11.4	11.2	11.0	10.9	11.2	10.3	12.9	2.6
8/6/07	10.7	10.6	10.5	10.4	10.3	10.3	10.2	10.2	10.1	10.2	10.3	10.8	11.4	12.2	12.6	12.8	12.8	12.4	12.0	11.6	11.3	11.1	11.0	10.8	11.1	10.1	12.8	2.7
8/7/07	10.7	10.6	10.5	10.4	10.3	10.2	10.2	10.1	10.1	10.2	10.3	10.6	11.3	12.1	12.7	12.8	12.8	12.6	12.1	11.8	11.5	11.3	11.1	11.0	11.1	10.1	12.8	2.7
8/8/07	10.8	10.7	10.6	10.6	10.5	10.4	10.4	10.3	10.3	10.4	10.5	10.8	11.4	12.1	12.8	12.9	13.0	12.8	12.4	12.0	11.7	11.5	11.3	11.1	11.3	10.3	13.0	2.7
8/9/07	11.0	10.9	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.5	10.6	10.9	11.5	12.2	12.7	12.9	12.8	12.5	12.1	11.7	11.4	11.2	11.0	10.9	11.3	10.4	12.9	2.5
8/10/07	10.7	10.6	10.5	10.4	10.3	10.3	10.2	10.2	10.2	10.3	10.4	10.8	11.4	12.1	12.6	12.9	12.9	12.7	12.3	11.9	11.6	11.4	11.2	11.0	11.2	10.2	12.9	2.7
8/11/07	10.9	10.8	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.5	10.6	11.0	11.5	12.2	12.7	12.9	12.9	12.6	12.2	11.8	11.5	11.3	11.1	11.0	11.3	10.4	12.9	2.5
8/12/07	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.4	10.5	10.6	10.9	11.5	12.1	12.6	12.8	12.8	12.5	12.1	11.7	11.5	11.3	11.1	11.0	11.2	10.4	12.8	2.5
8/13/07	10.9	10.8	10.6	10.6	10.5	10.4	10.4	10.4	10.4	10.4	10.5	10.8	11.3	11.9	12.4	12.6	12.6	12.4	12.0	11.7	11.4	11.3	11.1	11.0	11.2	10.4	12.6	2.2
8/14/07	10.8	10.8	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.4	10.5	10.7	11.4	12.0	12.5	12.7	12.8	12.5	12.1	11.7	11.5	11.3	11.1	11.0	11.2	10.4	12.8	2.4
8/15/07	10.9	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.6	10.7	10.7	10.9	11.4	12.1	12.7	12.8	12.9	12.6	12.1	11.8	11.5	11.4	11.2	11.1	11.3	10.5	12.9	2.4
8/16/07	11.0	10.9	10.8	10.8	10.7	10.6	10.6	10.5	10.5	10.5	10.6	10.8	11.4	12.0	12.6	12.8	12.8	12.5	12.1	11.7	11.5	11.3	11.2	11.0	11.3	10.5	12.8	2.4
8/17/07	10.9	10.8	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.5	10.7	11.3	12.0	12.5	12.7	12.7	12.4	12.0	11.7	11.4	11.2	11.0	10.9	11.2	10.4	12.7	2.3
8/18/07	10.8	10.7	10.6	10.5	10.4	10.4	10.3	10.3	10.2	10.3	10.4	10.6	11.2	11.9	12.4	12.6	12.6	12.3	11.9	11.5	11.3	11.1	11.0	10.8	11.1	10.2	12.6	2.4
8/19/07	10.7	10.6	10.5	10.4	10.4	10.3	10.2	10.2	10.2	10.2	10.3	10.5	11.1	11.8	12.3	12.5	12.5	12.2	11.8	11.5	11.3	11.1	11.0	10.9	11.0	10.2	12.5	2.3
8/20/07	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.2	10.3	10.4	10.5	11.1	11.8	12.3	12.6	12.6	12.4	12.0	11.7	11.5	11.3	11.2	11.1	11.1	10.2	12.6	2.4
8/21/07	11.0	11.0	10.9	10.9	10.8	10.7	10.7	10.6	10.6	10.6	10.8	10.9	11.5	12.2	12.7	13.0	13.0	12.7	12.4	12.0	11.7	11.6	11.4	11.3	11.5	10.6	13.0	2.4
8/22/07	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.7	10.7	10.8	11.0	11.6	12.3	12.8	13.6	13.0	12.7	12.3	12.0	11.7	11.5	11.4	11.3	11.6	10.7	13.6	2.9
8/23/07	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.8	10.8	10.9	11.1	11.7	12.3	12.8	13.0	13.0	12.7	12.4	12.0	11.8	11.6	11.4	11.3	11.6	10.8	13.0	2.2
8/24/07	11.2	11.1	11.0	11.0	10.9	10.8	10.7	10.7	10.6	10.6	10.7	10.9	11.5	12.2	12.7	13.0	13.0	12.7	12.4	12.0	11.7	11.6	11.4	11.3	11.5	10.6	13.0	2.4
8/25/07	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.6	10.7	10.8	11.0	11.5	12.2	12.5	12.7	12.8	12.7	12.3	12.0	11.8	11.6	11.5	11.3	11.5	10.6	12.8	2.2
8/26/07	11.2	11.1	11.1	11.0	10.9	10.8	10.8	10.7	10.7	10.7	10.8	11.0	11.4	12.0	12.5	12.8	12.8	12.7	12.4	12.0	11.8	11.6	11.5	11.3	11.5	10.7	12.8	2.1
8/27/07	11.2	11.1	11.0	10.9	10.9	10.8	10.7	10.7	10.7	10.7	10.9	11.0	11.4	12.1	12.6	12.9	12.9	12.8	12.5	12.1	11.8	11.7	11.5	11.4	11.5	10.7	12.9	2.2
8/28/07	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.9	10.9	10.9	11.0	11.0	11.4	12.0	12.4	12.2	11.9	11.8	11.7	11.5	11.4	11.3	11.2	11.1	11.3	10.9	12.4	1.5
8/29/07	11.1	11.1	11.0	10.9	10.9	10.9	10.8	10.8	10.8	10.9	11.0	11.0	11.3	12.0	12.5	12.9	12.9	12.8	12.5	12.2	11.9	11.7	11.6	11.4	11.5	10.8	12.9	2.1
8/30/07	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	11.1	11.1	11.3	11.5	11.6	12.1	12.6	13.1	13.1	12.8	12.5	12.2	12.0	11.8	11.6	11.5	11.7	11.0	13.1	2.1
8/31/07	11.4	11.3	11.2	11.2	11.1	11.1	11.1	11.1	11.2	11.3	11.4	11.5	11.6	12.0	12.4	12.5	12.5	12.5	12.3	12.0	11.8	11.6	11.5	11.4	11.6	11.1	12.5	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	11.0	Minimum	10.1
Mean Daily Mean	11.3	Mean Minimum	10.5
Maximum Daily Mean	11.7		
		Maximum	13.6
Minumum Range	1.4	Mean Maximum	12.9
Maximum Range	2.9		
		Mean Range	2.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Salt Springs Reservoir
Station NFMR2
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.3	11.4	11.8	12.3	12.5	12.8	12.9	12.9	12.6	12.2	11.9	11.7	11.5	11.3	11.7	11.2	12.9	1.7
9/2/07	11.2	11.1	11.0	11.0	10.9	10.9	10.9	10.9	10.9	11.0	11.1	11.3	11.6	12.2	12.7	13.0	13.0	12.8	12.5	12.2	11.9	11.6	11.5	11.3	11.6	10.9	13.0	2.1
9/3/07	11.2	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.9	11.0	11.1	11.4	12.0	12.5	12.9	12.9	12.8	12.5	12.1	11.9	11.7	11.5	11.3	11.5	10.8	12.9	2.1
9/4/07	11.2	11.1	11.0	10.9	10.8	10.8	10.7	10.7	10.7	10.6	10.8	10.8	11.1	11.7	12.2	12.6	12.6	12.5	12.2	11.9	11.6	11.5	11.3	11.2	11.4	10.6	12.6	2.0
9/5/07	11.1	11.0	10.9	10.9	10.8	10.6	10.6	10.6	10.6	10.6	10.8	10.9	11.2	11.7	12.2	12.6	12.6	12.5	12.2	11.9	11.7	11.5	11.3	11.2	11.3	10.6	12.6	2.0
9/6/07	11.1	11.0	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.9	11.1	11.2	11.4	12.0	12.6	12.9	12.9	12.7	12.4	12.0	11.8	11.6	11.5	11.3	11.5	10.8	12.9	2.1
9/7/07	11.2	11.2	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	11.0	11.1	11.3	11.9	12.4	12.7	12.7	12.6	12.3	12.0	11.8	11.6	11.4	11.3	11.5	10.8	12.7	1.9
9/8/07	11.2	11.1	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.8	10.9	11.0	11.3	11.8	12.4	12.8	12.8	12.7	12.4	12.1	11.8	11.6	11.5	11.4	11.5	10.8	12.8	2.0
9/9/07	11.3	11.2	11.1	11.1	11.0	11.0	10.9	10.9	10.9	10.9	11.1	11.2	11.5	12.0	12.5	12.9	13.0	12.8	12.6	12.2	12.0	11.8	11.7	11.5	11.6	10.9	13.0	2.1
9/10/07	11.4	11.3	11.2	11.2	11.1	10.9	10.9	10.9	10.9	10.9	11.1	11.2	11.5	12.0	12.5	12.9	12.9	12.8	12.5	12.3	12.0	11.9	11.7	11.5	11.6	10.9	12.9	2.0
9/11/07	11.4	11.3	11.2	11.2	11.1	11.0	10.9	10.9	10.9	10.9	11.1	11.2	11.4	12.0	12.4	12.8	12.9	12.8	12.5	12.2	11.9	11.7	11.6	11.5	11.6	10.9	12.9	2.0
9/12/07	11.4	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.9	10.9	10.9	11.0	11.2	11.8	12.2	12.6	12.6	12.5	12.2	11.9	11.7	11.5	11.4	11.3	11.5	10.9	12.6	1.7
9/13/07	11.2	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.7	10.8	11.0	11.2	11.8	12.3	12.6	12.7	12.5	12.1	11.8	11.5	11.4	11.2	11.1	11.4	10.7	12.7	1.9
9/14/07	11.0	10.9	10.7	10.6	10.5	10.5	10.4	10.4	10.4	10.4	10.5	10.7	10.9	11.5	11.9	12.3	12.4	12.2	12.0	11.7	11.5	11.3	11.2	11.1	11.1	10.4	12.4	2.0
9/15/07	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.4	10.3	10.3	10.4	10.6	10.8	11.5	12.0	12.3	12.4	12.3	12.1	11.8	11.6	11.5	11.4	11.3	11.2	10.3	12.4	2.1
9/16/07	11.2	11.0	10.9	10.8	10.7	10.7	10.6	10.6	10.5	10.6	10.7	10.8	11.1	11.7	12.2	12.6	12.6	12.4	12.2	11.9	11.7	11.6	11.4	11.3	11.3	10.5	12.6	2.1
9/17/07	11.2	11.2	11.1	10.9	10.8	10.8	10.7	10.7	10.7	10.7	10.8	10.9	11.1	11.7	12.2	12.7	12.7	12.5	12.3	12.0	11.8	11.6	11.5	11.4	11.4	10.7	12.7	2.0
9/18/07	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.7	10.6	10.6	10.8	10.9	11.2	11.7	12.2	12.6	12.6	12.5	12.2	11.9	11.7	11.6	11.5	11.4	11.4	10.6	12.6	2.0
9/19/07	11.3	11.2	11.1	11.1	11.0	11.0	10.9	10.8	10.8	10.8	10.9	10.9	11.1	11.6	12.0	12.2	12.2	12.0	11.8	11.5	11.3	11.1	11.0	10.9	11.3	10.8	12.2	1.4
9/20/07	10.8	10.7	10.7	10.6	10.6	10.6	10.6	10.5	10.6	10.6	10.8	11.0	11.3	11.4	11.5	11.5	11.6	11.6	11.5	11.3	11.2	11.1	11.0	10.9	11.0	10.5	11.6	1.1
9/21/07	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.4	10.4	10.7	10.9	11.1	11.6	12.0	12.1	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.2	11.1	10.3	12.1	1.8
9/22/07	11.1	11.0	10.9	10.8	10.8	10.7	10.6	10.6	10.7	10.8	10.9	11.1	11.3	11.3	11.4	11.5	11.6	11.6	11.5	11.3	11.1	11.0	10.8	10.8	11.0	10.6	11.6	1.0
9/23/07	10.8	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8	10.9	11.0	11.2	11.3	11.6	11.7	11.7	11.8	11.8	11.7	11.5	11.3	11.1	11.0	11.1	10.7	11.8	1.1
9/24/07	10.8	10.8	10.6	10.6	10.6	10.6	10.5	10.5	10.6	10.6	10.7	10.9	11.2	11.6	12.0	12.5	12.9	12.4	12.2	12.0	11.8	11.6	11.5	11.3	11.3	10.5	12.9	2.4
9/25/07	11.2	11.0	10.9	10.8	10.7	10.7	10.6	10.7	10.7	10.7	10.8	11.0	11.4	11.9	12.4	12.8	12.8	12.6	12.3	12.1	11.9	11.8	11.6	11.4	11.5	10.6	12.8	2.2
9/26/07	11.2	11.1	10.9	10.9	10.8	10.7	10.7	10.7	10.8	10.8	10.8	11.0	11.4	12.0	12.5	12.9	12.9	12.6	12.4	12.2	12.0	11.9	11.8	11.7	11.5	10.7	12.9	2.2
9/27/07	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.9	10.9	10.9	10.9	11.1	11.4	12.1	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.6	11.5	11.5	10.9	12.3	1.4
9/28/07	11.3	11.2	11.1	11.1	11.0	11.0	10.9	10.9	11.0	11.0	11.2	11.5	11.7	11.9	12.3	12.7	12.6	12.4	12.1	12.0	11.8	11.7	11.6	11.5	11.6	10.9	12.7	1.8
9/29/07	11.3	11.2	11.1	11.0	10.9	10.7	10.7	10.6	10.6	10.5	10.5	10.7	10.9	11.5	12.0	12.4	12.4	12.3	12.1	11.9	11.6	11.4	11.3	11.2	11.3	10.5	12.4	1.9
9/30/07	11.0	10.9	10.8	10.7	10.7	10.7	10.6	10.6	10.6	10.6	10.7	10.8	11.2	11.8	12.3	12.7	12.7	12.5	12.2	12.0	11.8	11.6	11.4	11.2	11.3	10.6	12.7	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	11.0	Minimum	10.3
Mean Daily Mean	11.4	Mean Minimum	10.7
Maximum Daily Mean	11.7		
		Maximum	13.0
Minumum Range	1.0	Mean Maximum	12.6
Maximum Range	2.4		
		Mean Range	1.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek below Project Diversion
Station CC0
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	13.8	13.5	13.3	13.0	12.6	12.3	12.0	11.7	11.6	11.7	12.1	12.6	13.4	14.3	15.3	16.2	16.7	16.8	16.6	16.2	15.7	15.3	14.9	14.5	14.0	11.6	16.8	5.2
6/2/07	14.2	14.0	13.7	13.4	13.0	12.7	12.4	12.2	12.0	12.0	12.3	12.9	13.8	15.0	16.2	17.2	17.8	17.9	17.6	17.1	16.5	16.0	15.5	15.0	14.6	12.0	17.9	5.9
6/3/07	14.6	14.2	13.9	13.5	13.2	12.8	12.4	12.2	11.9	11.9	12.1	12.5	13.3	14.4	15.6	16.5	17.2	17.4	17.3	16.9	16.5	16.1	15.7	15.3	14.5	11.9	17.4	5.5
6/4/07	14.9	14.5	14.2	13.9	13.6	13.3	13.0	12.8	12.7	12.7	12.8	13.1	13.7	14.7	15.6	16.4	17.0	17.2	17.0	16.6	16.2	15.8	15.3	14.8	14.7	12.7	17.2	4.5
6/5/07	14.4	14.0	13.7	13.4	13.2	13.0	12.9	12.8	12.7	12.6	12.5	12.5	12.5	12.4	12.5	12.6	12.8	12.7	12.5	12.3	11.9	11.6	11.0	10.5	12.6	10.5	14.4	3.9
6/6/07	10.0	9.7	9.4	9.1	8.9	8.8	8.6	8.4	8.2	8.2	8.3	8.5	8.9	9.3	9.3	9.2	9.0	8.8	8.8	8.6	8.3	8.0	7.7	7.4	8.7	7.4	10.0	2.6
6/7/07	7.2	7.0	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.1	6.4	6.8	7.6	8.8	10.2	11.4	12.2	12.7	12.6	12.3	11.8	11.4	10.9	10.5	8.8	6.1	12.7	6.6
6/8/07	10.1	9.7	9.4	9.1	8.9	8.6	8.4	8.2	8.1	8.1	8.3	8.8	9.6	10.8	12.1	13.3	14.2	14.6	14.4	14.0	13.5	13.1	12.7	12.3	10.8	8.1	14.6	6.5
6/9/07	11.9	11.5	11.2	10.9	10.6	10.4	10.1	9.9	9.8	9.8	10.0	10.4	11.1	12.2	13.5	14.5	15.3	15.6	15.6	15.3	15.0	14.6	14.1	13.7	12.4	9.8	15.6	5.8
6/10/07	13.3	12.8	12.4	12.0	11.7	11.3	11.0	10.8	10.7	10.7	10.9	11.3	11.8	12.8	14.0	15.2	16.1	16.6	16.7	16.3	15.9	15.5	15.1	14.7	13.3	10.7	16.7	6.0
6/11/07	14.2	13.8	13.4	13.0	12.7	12.3	12.0	11.8	11.5	11.4	11.5	11.8	12.4	13.4	14.7	15.9	16.8	17.2	17.2	16.8	16.4	16.0	15.6	15.2	14.0	11.4	17.2	5.7
6/12/07	14.7	14.3	13.8	13.4	13.0	12.6	12.3	12.0	11.7	11.7	11.9	12.3	12.9	14.0	15.4	16.7	17.8	18.4	18.3	17.8	17.3	16.8	16.3	15.8	14.6	11.7	18.4	6.7
6/13/07	15.3	14.8	14.3	13.9	13.6	13.2	12.9	12.7	12.5	12.5	12.8	13.3	13.9	15.0	16.4	17.7	18.6	19.1	19.1	18.8	18.2	17.7	17.2	16.8	15.4	12.5	19.1	6.6
6/14/07	16.3	15.8	15.3	14.8	14.4	13.9	13.6	13.2	13.0	13.0	13.2	13.7	14.4	15.4	16.7	18.0	19.0	19.6	19.7	19.4	18.9	18.3	17.8	17.4	16.0	13.0	19.7	6.6
6/15/07	16.9	16.4	15.9	15.4	14.9	14.5	14.1	13.7	13.4	13.4	13.6	14.1	14.8	15.6	16.8	18.0	19.0	19.6	19.9	19.8	19.3	18.8	18.3	17.7	16.4	13.4	19.9	6.5
6/16/07	17.3	16.9	16.4	16.0	15.5	15.1	14.7	14.4	14.1	14.0	14.1	14.6	15.2	16.0	17.0	18.1	19.0	19.6	19.8	19.8	19.4	18.8	18.2	17.6	16.7	14.0	19.8	5.8
6/17/07	17.0	16.5	16.0	15.5	15.0	14.5	14.0	13.6	13.2	13.1	13.2	13.6	14.3	15.0	16.0	17.0	18.0	18.7	19.0	19.1	18.9	18.5	18.1	17.6	16.1	13.1	19.1	6.0
6/18/07	17.1	16.6	16.2	15.8	15.3	14.9	14.5	14.1	13.8	13.7	13.8	14.2	14.8	15.6	16.5	17.5	18.4	19.1	19.4	19.5	19.4	19.1	18.6	18.1	16.5	13.7	19.5	5.9
6/19/07	17.6	17.1	16.7	16.3	15.9	15.5	15.1	14.8	14.5	14.4	14.5	14.8	15.4	16.1	16.9	17.7	18.5	19.1	19.4	19.5	19.4	19.1	18.7	18.3	16.9	14.4	19.5	5.1
6/20/07	17.8	17.3	16.9	16.4	16.0	15.6	15.3	15.0	14.7	14.5	14.5	14.7	15.3	15.8	16.6	17.3	18.0	18.6	18.8	18.9	18.9	18.6	18.2	17.8	16.7	14.5	18.9	4.4
6/21/07	17.3	16.8	16.2	15.7	15.3	14.8	14.3	14.0	13.6	13.5	13.6	13.9	14.5	15.2	16.0	16.8	17.5	18.1	18.4	18.5	18.5	18.3	18.0	17.6	16.1	13.5	18.5	5.0
6/22/07	17.2	16.6	16.1	15.6	15.1	14.6	14.1	13.7	13.4	13.1	13.2	13.5	14.2	14.8	15.6	16.3	17.0	17.6	17.9	18.0	18.0	17.8	17.5	17.2	15.8	13.1	18.0	4.9
6/23/07	16.7	16.3	15.8	15.3	14.8	14.3	13.9	13.5	13.2	13.0	13.1	13.4	14.0	14.6	15.3	15.9	16.5	16.9	17.2	17.3	17.3	17.2	16.9	16.6	15.4	13.0	17.3	4.3
6/24/07	16.3	15.9	15.4	15.0	14.6	14.1	13.7	13.3	13.0	12.9	12.9	13.1	13.6	14.1	14.8	15.3	15.8	16.2	16.4	16.5	16.5	16.4	16.2	15.9	14.9	12.9	16.5	3.6
6/25/07	15.6	15.3	14.9	14.5	14.0	13.6	13.2	12.8	12.5	12.4	12.5	12.7	13.3	14.0	14.7	15.3	15.9	16.4	16.6	16.7	16.8	16.7	16.5	16.3	14.7	12.4	16.8	4.4
6/26/07	16.1	15.8	15.5	15.2	14.9	14.5	14.2	13.9	13.6	13.5	13.6	13.9	14.6	15.3	16.5	16.4	16.9	17.3	17.5	17.5	17.5	17.3	17.1	16.8	15.6	13.5	17.5	4.0
6/27/07	16.5	16.1	15.8	15.5	15.2	14.8	14.5	14.2	14.0	13.8	13.9	14.2	14.8	15.4	16.1	16.6	17.1	17.5	17.6	17.6	17.6	17.4	17.2	17.0	15.8	13.8	17.6	3.8
6/28/07	16.7	16.4	16.0	15.7	15.3	14.9	14.6	14.3	14.1	14.0	14.1	14.3	14.9	15.5	16.2	16.8	17.1	17.4	17.5	17.5	17.5	17.3	17.1	16.9	15.9	14.0	17.5	3.5
6/29/07	16.6	16.4	16.1	15.8	15.5	15.3	15.0	14.8	14.6	14.5	14.6	14.8	15.3	15.9	16.6	17.1	17.6	17.8	17.9	17.8	17.7	17.6	17.4	17.2	16.2	14.5	17.9	3.4
6/30/07	16.9	16.7	16.4	16.1	15.8	15.6	15.3	15.1	14.9	14.8	15.0	15.2	15.8	16.5	17.2	17.8	18.2	18.5	18.5	18.4	18.3	18.2	17.9	17.6	16.7	14.8	18.5	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	8.7	Minimum	6.1
Mean Daily Mean	14.7	Mean Minimum	12.3
Maximum Daily Mean	16.9		
		Maximum	19.9
Minumum Range	2.6	Mean Maximum	17.3
Maximum Range	6.7		
		Mean Range	5.1
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek below Project Diversion
Station CC0
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	17.3	17.0	16.6	16.3	15.9	15.6	15.3	15.1	14.9	14.9	15.0	15.3	15.7	16.4	17.1	17.8	18.3	18.3	18.2	18.1	17.9	17.7	17.4	17.1	16.6	14.9	18.3	3.4
7/2/07	16.8	16.4	16.0	15.7	15.4	15.1	14.8	14.6	14.4	14.3	14.5	14.8	15.4	16.1	16.9	17.5	18.0	18.1	18.1	17.9	17.7	17.4	17.1	16.8	16.2	14.3	18.1	3.8
7/3/07	16.5	16.2	15.8	15.5	15.2	14.9	14.6	14.4	14.3	14.2	14.5	14.9	15.6	16.5	17.3	18.1	18.5	18.7	18.8	18.7	18.5	18.2	17.9	17.6	16.5	14.2	18.8	4.5
7/4/07	17.3	17.0	16.8	16.5	16.1	15.8	15.6	15.3	15.2	15.2	15.5	16.0	16.9	17.9	18.8	19.7	20.2	20.4	20.4	20.2	20.1	19.8	19.4	19.0	17.7	15.2	20.4	5.2
7/5/07	18.5	18.1	17.7	17.3	16.9	16.6	16.3	16.0	15.8	15.8	16.2	16.7	17.6	18.5	19.5	20.2	20.6	20.8	20.8	20.6	20.5	20.2	19.8	19.4	18.4	15.8	20.8	4.9
7/6/07	19.0	18.6	18.3	18.0	17.7	17.4	17.2	16.9	16.8	16.9	17.2	17.7	18.5	19.4	20.2	20.9	21.3	21.4	21.4	21.3	21.0	20.7	20.4	20.0	19.1	16.8	21.4	4.6
7/7/07	19.6	19.2	18.8	18.4	18.1	17.8	17.5	17.2	17.1	17.0	17.3	17.8	18.5	19.3	20.1	20.7	21.0	21.2	21.1	20.9	20.7	20.4	20.0	19.5	19.1	17.0	21.2	4.1
7/8/07	19.0	18.6	18.1	17.8	17.4	17.1	16.8	16.6	16.4	16.4	16.7	17.2	17.8	18.6	19.3	20.1	20.4	20.5	20.5	20.4	20.1	19.8	19.5	19.2	18.5	16.4	20.5	4.1
7/9/07	18.9	18.5	18.2	17.9	17.7	17.4	17.2	17.0	16.9	16.9	17.2	17.7	18.4	19.2	20.0	20.7	21.1	21.2	21.2	21.0	20.8	20.5	20.1	19.8	19.0	16.9	21.2	4.4
7/10/07	19.4	19.0	18.6	18.3	18.0	17.7	17.5	17.2	17.1	17.1	17.4	17.8	18.6	19.5	20.2	20.0	20.0	19.8	19.6	19.3	19.0	18.8	18.5	18.3	18.6	17.1	20.2	3.1
7/11/07	18.1	17.9	17.8	17.6	17.5	17.4	17.3	17.2	17.2	17.2	17.2	17.6	18.4	19.3	20.0	20.8	21.1	21.2	21.1	20.8	20.5	20.2	19.9	19.5	18.9	17.2	21.2	4.0
7/12/07	19.2	18.8	18.5	18.2	18.0	17.7	17.5	17.3	17.1	17.1	17.4	17.8	18.5	19.3	20.1	20.6	21.0	21.1	20.9	20.6	20.4	20.0	19.6	19.3	19.0	17.1	21.1	4.0
7/13/07	18.9	18.5	18.2	17.9	17.6	17.3	17.1	16.8	16.7	16.7	17.0	17.6	18.4	19.2	19.9	20.5	20.8	20.8	20.7	20.6	20.2	19.9	19.5	19.1	18.7	16.7	20.8	4.2
7/14/07	18.7	18.3	18.0	17.7	17.4	17.1	16.8	16.6	16.4	16.4	16.8	17.5	18.3	19.1	19.9	20.6	20.8	20.8	20.7	20.5	20.3	20.1	19.7	19.5	18.7	16.4	20.8	4.4
7/15/07	19.1	18.7	18.4	18.1	17.8	17.5	17.2	17.0	16.9	16.9	17.2	17.8	18.7	19.3	19.9	20.5	20.8	20.7	20.6	20.5	20.3	20.0	19.7	19.3	18.9	16.9	20.8	3.9
7/16/07	18.9	18.6	18.2	17.9	17.6	17.4	17.1	16.9	16.8	16.8	17.1	17.5	18.2	19.0	19.6	20.3	20.7	20.8	20.6	20.4	20.2	19.9	19.6	19.3	18.7	16.8	20.8	4.0
7/17/07	18.9	18.6	18.2	18.0	17.7	17.5	17.3	17.1	17.0	16.9	17.1	17.5	18.2	18.9	19.5	20.1	20.5	20.5	20.4	20.3	20.1	19.8	19.5	19.2	18.7	16.9	20.5	3.6
7/18/07	18.9	18.5	18.2	17.9	17.7	17.4	17.1	16.9	16.8	16.7	16.9	17.1	17.3	17.5	17.6	17.7	18.1	18.2	18.1	18.0	17.9	17.8	17.6	17.5	17.6	16.7	18.9	2.2
7/19/07	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	16.0	15.9	16.1	16.6	17.3	18.0	18.7	19.3	19.8	19.8	19.7	19.5	19.3	19.0	18.6	18.3	17.7	15.9	19.8	3.9
7/20/07	17.9	17.6	17.2	16.9	16.6	16.3	16.0	15.8	15.7	15.6	15.8	16.2	16.9	17.6	18.3	18.9	19.3	19.3	19.2	19.0	18.8	18.6	18.3	17.9	17.5	15.6	19.3	3.7
7/21/07	17.6	17.2	16.9	16.6	16.3	16.0	15.8	15.6	15.4	15.4	15.6	16.0	16.6	17.3	18.1	18.8	19.2	19.4	19.3	19.2	19.1	18.9	18.6	18.3	17.4	15.4	19.4	4.0
7/22/07	18.0	17.6	17.3	16.9	16.6	16.3	16.0	15.8	15.7	15.6	15.8	16.3	16.9	17.7	18.5	19.2	19.8	20.0	19.8	19.7	19.6	19.4	19.1	18.9	17.8	15.6	20.0	4.4
7/23/07	18.5	18.2	17.8	17.4	17.1	16.8	16.5	16.3	16.1	16.0	16.2	16.7	17.3	17.7	18.5	19.2	19.6	19.7	19.8	19.7	19.6	19.5	19.4	19.2	18.0	16.0	19.8	3.8
7/24/07	19.0	18.8	18.6	18.4	18.2	18.1	17.9	17.7	17.6	17.6	17.8	18.0	18.3	19.2	19.6	19.7	19.9	20.0	20.1	20.0	19.9	19.8	19.6	19.5	18.9	17.6	20.1	2.5
7/25/07	19.2	19.0	18.8	18.5	18.3	18.1	17.9	17.7	17.5	17.4	17.7	18.3	19.1	19.9	20.6	21.1	21.4	21.3	21.1	20.9	20.7	20.5	20.2	19.9	19.4	17.4	21.4	3.9
7/26/07	19.6	19.2	18.9	18.5	18.2	17.9	17.6	17.3	17.2	17.1	17.4	18.1	18.8	19.7	20.4	20.9	21.2	21.0	20.7	20.5	20.3	20.1	19.8	19.5	19.2	17.1	21.2	4.1
7/27/07	19.1	18.7	18.4	18.0	17.7	17.4	17.1	16.9	16.7	16.6	17.0	17.6	18.3	19.2	19.9	20.5	20.8	20.6	20.4	20.1	19.9	19.6	19.4	19.1	18.7	16.6	20.8	4.1
7/28/07	18.7	18.4	18.1	17.8	17.5	17.2	16.9	16.7	16.5	16.4	16.7	17.3	18.1	18.9	19.6	20.1	20.4	20.3	20.0	19.8	19.6	19.4	19.1	18.8	18.4	16.4	20.4	4.0
7/29/07	18.5	18.2	17.9	17.6	17.3	17.1	16.8	16.6	16.4	16.3	16.6	17.3	18.1	19.0	19.6	20.1	20.4	20.1	19.8	19.6	19.4	19.1	18.9	18.6	18.3	16.3	20.4	4.0
7/30/07	18.3	18.0	17.7	17.4	17.2	16.9	16.7	16.5	16.3	16.2	16.5	17.1	17.9	18.7	19.5	20.0	20.3	20.1	19.9	19.7	19.5	19.2	19.0	18.7	18.2	16.2	20.3	4.1
7/31/07	18.4	18.1	17.8	17.5	17.2	16.9	16.6	16.4	16.2	16.1	16.4	16.9	17.7	18.6	19.3	19.8	20.1	19.9	19.7	19.5	19.4	19.3	19.1	18.9	18.2	16.1	20.1	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	16.2	Minimum	14.2
Mean Daily Mean	18.3	Mean Minimum	16.3
Maximum Daily Mean	19.4		
		Maximum	21.4
Minumum Range	2.2	Mean Maximum	20.3
Maximum Range	5.2		
		Mean Range	4.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek below Project Diversion
Station CC0
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	18.6	18.4	18.1	17.8	17.6	17.3	17.1	16.8	16.7	16.5	16.8	17.5	18.2	19.0	19.6	20.1	20.3	20.1	19.8	19.7	19.5	19.3	19.1	18.9	18.4	16.5	20.3	3.7
8/2/07	18.6	18.4	18.1	17.8	17.5	17.3	17.0	16.8	16.7	16.8	17.0	17.4	18.1	19.1	19.7	20.2	20.3	20.2	19.9	19.6	19.4	19.2	19.0	18.8	18.5	16.7	20.3	3.6
8/3/07	18.5	18.2	17.9	17.6	17.4	17.1	16.9	16.7	16.5	16.4	16.6	17.4	18.2	19.2	20.0	20.4	20.5	20.1	19.7	19.4	19.1	18.8	18.6	18.3	18.3	16.4	20.5	4.1
8/4/07	18.0	17.7	17.4	17.1	16.8	16.5	16.2	16.0	15.9	15.8	16.0	16.6	17.5	18.5	19.3	19.7	19.9	19.5	19.1	18.8	18.6	18.3	18.0	17.8	17.7	15.8	19.9	4.1
8/5/07	17.5	17.2	16.9	16.6	16.4	16.2	15.9	15.8	15.6	15.5	15.7	16.4	17.1	18.2	19.0	19.4	19.5	18.8	18.3	17.9	17.7	17.4	17.2	17.0	17.2	15.5	19.5	4.0
8/6/07	16.8	16.6	16.3	16.1	15.9	15.6	15.4	15.3	15.1	15.1	15.3	15.9	16.8	17.8	18.5	19.1	19.0	18.5	17.9	17.6	17.3	17.1	16.8	16.6	16.8	15.1	19.1	4.0
8/7/07	16.4	16.2	16.0	15.7	15.5	15.3	15.1	14.9	14.8	14.7	14.9	15.6	16.5	17.5	18.2	18.8	19.0	18.6	18.1	17.8	17.6	17.3	17.1	16.9	16.6	14.7	19.0	4.3
8/8/07	16.6	16.4	16.2	15.9	15.7	15.5	15.3	15.2	15.1	15.0	15.2	15.8	16.7	17.7	18.5	19.1	19.2	18.9	18.5	18.2	18.0	17.8	17.6	17.5	16.9	15.0	19.2	4.2
8/9/07	17.2	17.0	16.8	16.5	16.3	16.1	15.8	15.6	15.5	15.3	15.5	16.1	17.0	17.8	18.6	19.0	19.2	18.8	18.3	18.1	17.8	17.6	17.3	17.1	17.1	15.3	19.2	3.9
8/10/07	16.8	16.5	16.2	16.0	15.7	15.5	15.3	15.1	14.9	14.8	15.0	15.7	16.5	17.5	18.2	18.8	19.0	18.7	18.3	18.0	17.8	17.5	17.3	17.0	16.8	14.8	19.0	4.2
8/11/07	16.8	16.5	16.3	16.0	15.8	15.6	15.4	15.2	15.0	14.9	15.1	15.8	16.6	17.6	18.3	18.8	19.0	18.5	18.0	17.7	17.4	17.2	16.9	16.7	16.7	14.9	19.0	4.1
8/12/07	16.4	16.2	16.0	15.7	15.5	15.3	15.1	14.9	14.8	14.7	14.9	15.5	16.4	17.4	18.3	18.8	19.0	18.5	17.9	17.6	17.4	17.1	16.8	16.6	16.5	14.7	19.0	4.3
8/13/07	16.4	16.1	15.9	15.6	15.4	15.2	15.0	14.8	14.6	14.5	14.7	15.4	16.2	17.2	18.1	18.7	18.8	18.4	17.9	17.7	17.4	17.1	16.9	16.7	16.4	14.5	18.8	4.3
8/14/07	16.5	16.2	16.0	15.8	15.5	15.3	15.1	14.9	14.8	14.7	14.9	15.6	16.5	17.6	18.5	19.1	19.3	18.8	18.2	18.0	17.7	17.4	17.2	16.9	16.7	14.7	19.3	4.6
8/15/07	16.7	16.5	16.3	16.1	15.9	15.7	15.5	15.3	15.2	15.2	15.4	15.9	16.8	17.9	18.9	19.5	19.7	19.2	18.6	18.3	18.1	17.8	17.5	17.3	17.1	15.2	19.7	4.5
8/16/07	17.1	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.5	15.4	15.6	16.2	17.1	18.2	19.0	19.5	19.8	19.2	18.6	18.3	18.0	17.7	17.4	17.1	17.2	15.4	19.8	4.4
8/17/07	16.9	16.6	16.4	16.1	15.9	15.7	15.5	15.3	15.2	15.1	15.3	15.9	16.8	17.9	18.8	19.4	19.5	18.9	18.2	17.9	17.5	17.2	16.8	16.5	16.9	15.1	19.5	4.4
8/18/07	16.3	16.0	15.7	15.5	15.3	15.1	14.9	14.7	14.6	14.5	14.7	15.3	16.2	17.2	18.2	18.7	18.9	18.3	17.5	17.2	16.8	16.5	16.2	16.0	16.3	14.5	18.9	4.4
8/19/07	15.7	15.5	15.4	15.2	15.0	14.8	14.6	14.5	14.3	14.3	14.4	15.0	15.9	16.9	17.8	18.4	18.5	18.0	17.2	16.9	16.6	16.3	16.1	15.8	16.0	14.3	18.5	4.2
8/20/07	15.6	15.4	15.2	15.0	14.8	14.5	14.3	14.1	14.0	13.9	14.0	14.7	15.7	16.7	17.8	18.5	18.6	18.2	17.5	17.2	17.0	16.7	16.5	16.3	15.9	13.9	18.6	4.7
8/21/07	16.1	15.9	15.7	15.5	15.3	15.1	14.9	14.8	14.6	14.6	14.7	15.5	16.5	17.7	18.6	17.1	17.1	17.2	17.4	17.5	17.5	17.5	17.3	17.1	16.3	14.6	18.6	4.0
8/22/07	16.9	16.7	16.4	16.2	16.0	15.8	15.6	15.4	15.3	15.2	15.2	15.6	16.2	16.7	17.0	17.2	17.2	17.3	17.7	17.8	17.8	17.7	17.6	17.4	16.6	15.2	17.8	2.6
8/23/07	17.2	17.0	16.7	16.6	16.3	16.1	15.9	15.8	15.7	15.6	15.6	16.0	16.5	17.0	17.3	17.4	17.5	17.6	17.9	18.0	18.1	18.0	17.9	17.8	16.9	15.6	18.1	2.5
8/24/07	17.6	17.4	17.2	17.0	16.7	16.5	16.3	16.1	16.0	15.9	15.8	16.2	16.6	17.1	17.5	17.6	17.7	17.7	17.9	18.2	18.5	18.4	18.2	18.0	17.2	15.8	18.5	2.6
8/25/07	17.7	17.4	17.2	16.9	16.6	16.4	16.2	16.0	15.8	15.8	15.8	16.1	16.5	17.0	17.3	17.4	17.6	17.6	17.9	18.1	18.1	18.1	17.9	17.7	17.1	15.8	18.1	2.3
8/26/07	17.5	17.2	17.0	16.8	16.6	16.5	16.3	16.2	16.1	16.0	16.0	16.2	16.7	17.2	17.4	17.5	17.6	17.7	17.9	18.2	18.2	18.1	17.8	17.6	17.1	16.0	18.2	2.2
8/27/07	17.4	17.2	17.0	16.8	16.6	16.5	16.3	16.2	16.1	16.1	16.1	16.3	16.8	17.3	17.6	17.6	17.8	17.8	18.0	18.3	18.3	18.3	18.2	18.0	17.2	16.1	18.3	2.3
8/28/07	17.7	17.5	17.4	17.3	17.1	17.0	16.8	16.6	16.5	16.5	16.5	16.6	17.1	17.5	17.6	17.6	17.6	17.7	17.7	17.7	17.8	17.7	17.5	17.4	17.3	16.5	17.8	1.3
8/29/07	17.2	17.1	16.9	16.7	16.6	16.4	16.3	16.2	16.0	16.0	16.0	16.1	16.6	17.1	17.3	17.5	17.7	17.8	18.1	18.2	18.2	18.2	18.0	17.9	17.1	16.0	18.2	2.2
8/30/07	17.7	17.5	17.4	17.2	17.0	16.8	16.7	16.6	16.6	16.6	16.7	16.8	17.1	17.4	17.7	17.8	17.9	18.0	18.2	18.3	18.3	18.2	18.1	18.0	17.4	16.6	18.3	1.7
8/31/07	18.0	17.8	17.6	17.5	17.3	17.1	17.0	16.9	16.8	16.8	16.9	16.9	17.0	17.1	17.3	17.4	17.6	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.4	16.8	18.0	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	15.9	Minimum	13.9
Mean Daily Mean	17.0	Mean Minimum	15.4
Maximum Daily Mean	18.5		
		Maximum	20.5
Minumum Range	1.2	Mean Maximum	18.9
Maximum Range	4.7		
		Mean Range	3.5
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek below Project Diversion
Station CC0
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	17.7	17.6	17.4	17.3	17.1	17.0	16.9	16.7	16.7	16.6	16.6	16.8	17.2	17.7	17.9	18.0	18.1	18.3	18.7	19.2	19.1	18.8	18.6	18.3	17.7	16.6	19.2	2.6
9/2/07	18.1	17.8	17.5	17.3	17.0	16.9	16.7	16.5	16.4	16.3	16.3	16.6	17.3	18.1	18.7	18.9	19.1	19.3	18.9	18.6	18.3	18.0	17.7	17.5	17.7	16.3	19.3	3.0
9/3/07	17.3	17.1	16.9	16.7	16.5	16.3	16.1	15.9	15.8	15.7	15.7	15.8	16.3	16.8	17.1	17.2	17.4	17.5	17.8	17.9	17.8	17.7	17.4	17.1	16.8	15.7	17.9	2.2
9/4/07	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.3	15.1	15.1	15.2	15.5	16.1	16.4	16.5	16.7	16.8	17.2	17.2	17.1	16.9	16.6	16.2	16.2	15.1	17.2	2.1
9/5/07	16.0	15.7	15.5	15.2	15.0	14.8	14.6	14.5	14.3	14.2	14.2	14.3	14.6	15.1	15.5	15.7	15.8	16.0	16.4	16.6	16.6	16.4	16.2	15.9	15.4	14.2	16.6	2.4
9/6/07	15.8	15.6	15.5	15.3	15.2	15.0	14.9	14.7	14.6	14.6	14.6	14.6	14.9	15.4	15.8	15.9	16.1	16.2	16.5	16.7	16.8	16.7	16.5	16.3	15.6	14.6	16.8	2.2
9/7/07	16.0	15.8	15.6	15.4	15.2	15.1	14.9	14.7	14.6	14.5	14.4	14.5	14.8	15.2	15.6	15.8	15.9	16.0	16.2	16.5	16.5	16.5	16.3	16.0	15.5	14.4	16.5	2.1
9/8/07	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.3	14.2	14.2	14.3	14.6	15.1	15.4	15.6	15.7	15.9	16.3	16.5	16.5	16.4	16.2	15.9	15.3	14.2	16.5	2.3
9/9/07	15.7	15.4	15.2	15.1	14.9	14.7	14.5	14.4	14.3	14.2	14.3	14.3	14.6	15.0	15.3	15.5	15.6	15.9	16.1	16.4	16.5	16.5	16.4	16.2	15.3	14.2	16.5	2.3
9/10/07	16.0	15.7	15.5	15.3	15.2	15.1	15.0	14.9	14.8	14.8	14.8	14.8	15.0	15.4	15.7	15.9	16.0	16.1	16.3	16.5	16.7	16.8	16.7	16.6	15.6	14.8	16.8	2.0
9/11/07	16.4	16.1	15.8	15.6	15.4	15.2	15.0	14.8	14.7	14.6	14.6	14.7	14.9	15.2	15.6	15.7	15.8	15.9	16.2	16.5	16.6	16.6	16.5	16.3	15.6	14.6	16.6	2.0
9/12/07	16.0	15.8	15.6	15.4	15.1	15.0	14.8	14.6	14.4	14.3	14.3	14.4	14.6	15.0	15.3	15.5	15.6	15.8	15.9	16.2	16.3	16.3	16.2	16.0	15.3	14.3	16.3	2.0
9/13/07	15.8	15.6	15.4	15.2	15.0	14.8	14.7	14.6	14.5	14.4	14.4	14.4	14.6	15.0	15.3	15.4	15.5	15.7	16.0	16.1	16.0	15.7	15.4	15.1	15.2	14.4	16.1	1.7
9/14/07	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.2	13.2	13.2	13.4	13.8	14.1	14.3	14.5	14.6	14.9	15.2	15.1	14.9	14.5	14.2	14.1	13.2	15.2	2.0
9/15/07	14.0	13.7	13.5	13.3	13.1	12.9	12.7	12.5	12.3	12.3	12.3	12.3	12.6	13.0	13.4	13.6	13.8	14.0	14.5	14.8	14.6	14.3	14.1	13.8	13.4	12.3	14.8	2.5
9/16/07	13.6	13.4	13.3	13.1	12.9	12.7	12.6	12.4	12.2	12.2	12.2	12.3	12.5	13.0	13.3	13.5	13.7	13.8	14.2	14.5	14.5	14.3	14.1	13.9	13.3	12.2	14.5	2.3
9/17/07	13.7	13.5	13.3	13.1	13.0	12.8	12.6	12.5	12.4	12.3	12.2	12.3	12.6	13.0	13.3	13.5	13.7	13.8	14.1	14.3	14.3	14.1	13.8	13.6	13.2	12.2	14.3	2.1
9/18/07	13.4	13.2	13.1	12.9	12.7	12.5	12.3	12.2	12.0	12.0	11.9	12.0	12.4	13.0	13.3	13.5	13.7	14.3	14.4	14.1	13.9	13.6	13.4	13.2	13.1	11.9	14.4	2.4
9/19/07	13.1	13.0	12.9	12.8	12.8	12.7	12.6	12.5	12.3	12.3	12.2	12.2	12.4	13.0	13.6	13.9	14.0	13.8	13.5	13.1	12.8	12.7	12.6	12.4	12.9	12.2	14.0	1.8
9/20/07	12.3	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.5	11.4	11.5	11.6	11.8	11.7	11.7	11.8	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.3	11.7	11.3	12.3	1.0
9/21/07	11.2	11.1	11.0	10.9	10.7	10.6	10.5	10.4	10.3	10.3	10.3	10.5	10.9	11.7	11.9	11.8	11.8	11.8	11.8	11.7	11.6	11.4	11.3	11.2	11.1	10.3	11.9	1.6
9/22/07	11.1	10.9	10.8	10.6	10.5	10.3	10.2	10.2	10.1	10.1	10.1	10.2	10.2	10.3	10.3	10.4	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.7	10.3	9.7	11.1	1.4
9/23/07	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.7	9.8	9.8	9.8	9.7	9.6	9.6	9.4	9.2	9.5	9.2	9.8	0.6
9/24/07	9.1	9.0	8.9	8.8	8.6	8.6	8.5	8.4	8.3	8.2	8.2	8.3	8.9	9.6	10.2	10.8	11.1	11.2	11.1	11.0	10.9	10.7	10.6	10.4	9.6	8.2	11.2	3.0
9/25/07	10.2	10.0	9.7	9.5	9.3	9.1	8.9	8.8	8.6	8.5	8.7	8.6	9.3	10.2	10.9	11.3	11.6	11.6	11.5	11.3	11.1	11.0	10.8	10.7	10.1	8.5	11.6	3.1
9/26/07	10.5	10.3	10.1	9.9	9.8	9.6	9.4	9.3	9.1	9.0	8.9	9.1	9.8	10.8	11.5	12.0	12.2	12.1	11.9	11.7	11.6	11.5	11.3	11.2	10.5	8.9	12.2	3.3
9/27/07	11.0	10.8	10.5	10.3	10.1	10.0	9.8	9.6	9.4	9.3	9.2	9.4	10.0	10.7	11.0	11.1	11.2	11.2	11.0	10.9	10.7	10.6	10.5	10.3	10.4	9.2	11.2	1.9
9/28/07	10.2	10.1	9.9	9.8	9.7	9.6	9.5	9.4	9.4	9.5	9.6	9.9	10.2	10.7	11.3	11.7	11.7	11.5	11.2	11.0	10.8	10.7	10.6	10.5	10.4	9.4	11.7	2.3
9/29/07	10.4	10.3	10.2	10.1	9.9	9.7	9.6	9.4	9.2	9.1	9.0	9.1	9.8	10.6	11.3	11.7	11.7	11.5	11.3	11.1	10.8	10.7	10.5	10.4	10.3	9.0	11.7	2.7
9/30/07	10.2	10.1	9.9	9.7	9.5	9.4	9.2	9.1	9.0	8.9	8.9	9.0	9.7	10.6	11.3	11.7	11.8	11.5	11.2	10.9	10.7	10.6	10.4	10.3	10.1	8.9	11.8	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	9.5	Minimum	8.2
Mean Daily Mean	13.4	Mean Minimum	12.3
Maximum Daily Mean	17.7		
		Maximum	19.3
Minumum Range	0.6	Mean Maximum	14.5
Maximum Range	3.3		
		Mean Range	2.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
April 2007

	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
4/1/07	7.4	7.2	7.1	6.9	6.7	6.6	6.4	6.2	6.1	6.2	6.4	6.7	7.1	7.4	7.7	7.7	7.8	8.0	8.0	8.1	8.0	8.0	7.9	7.7	7.2	6.1	8.1	2.0
4/2/07	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.1	6.0	6.0	6.2	6.5	6.9	7.3	7.5	7.6	7.6	7.8	7.9	7.9	8.0	7.9	7.9	7.8	7.1	6.0	8.0	2.0
4/3/07	7.7	7.5	7.4	7.2	7.0	6.9	6.7	6.6	6.4	6.5	6.6	7.0	7.4	7.8	8.1	8.2	8.2	8.3	8.3	8.4	8.4	8.4	8.3	8.2	7.6	6.4	8.4	2.0
4/4/07	8.1	7.9	7.5	7.2	7.0	6.8	6.7	6.7	6.7	6.7	7.0	7.4	7.7	8.0	8.0	8.1	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.3	7.7	6.7	8.4	1.7
4/5/07	8.1	8.0	7.7	7.4	7.2	7.1	7.0	7.0	7.0	7.1	7.2	7.4	7.6	8.2	8.3	8.3	8.5	8.6	8.7	8.8	8.8	8.8	8.7	8.6	7.9	7.0	8.8	1.8
4/6/07	8.5	8.4	8.2	8.0	7.7	7.4	7.3	7.1	7.0	7.1	7.4	7.9	8.4	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.7	9.5	9.3	8.5	7.0	9.7	2.7
4/7/07	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.3	7.3	7.4	7.5	7.7	8.2	8.6	8.6	8.6	8.6	8.7	8.8	8.8	8.7	8.6	8.4	8.3	7.3	9.1	1.8
4/8/07	8.2	8.0	7.8	7.6	7.5	7.4	7.3	7.2	7.1	7.2	7.5	7.9	8.2	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.6	8.5	8.3	8.1	8.1	7.1	8.9	1.8
4/9/07	7.8	7.5	7.2	7.0	7.0	6.9	6.9	6.9	6.9	7.0	7.2	7.4	7.8	8.3	8.4	8.6	8.6	8.7	8.6	8.6	8.5	8.3	8.2	8.0	7.8	6.9	8.7	1.8
4/10/07	7.7	7.3	6.9	6.6	6.4	6.3	6.1	6.0	5.9	6.0	6.2	6.5	6.8	7.1	7.2	7.3	7.3	7.4	7.4	7.4	7.4	7.3	7.2	7.1	6.9	5.9	7.7	1.8
4/11/07	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.2	6.2	6.2	6.1	5.9	5.8	5.8	5.7	5.6	5.5	6.3	5.5	7.0	1.6
4/12/07	5.3	5.2	5.0	4.7	4.5	4.3	4.2	4.0	3.8	3.8	4.0	4.2	4.4	4.9	5.1	5.1	5.1	5.2	5.3	5.4	5.4	5.4	5.3	5.3	4.8	3.8	5.4	1.6
4/13/07	5.2	5.1	5.1	4.9	4.8	4.7	4.7	4.6	4.5	4.6	4.9	5.3	5.6	6.0	6.3	6.5	6.7	6.8	6.9	7.0	7.0	7.0	7.0	6.9	5.8	4.5	7.0	2.5
4/14/07	6.8	6.7	6.6	6.4	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.8	5.9	5.9	5.8	5.8	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.9	5.2	6.8	1.6
4/15/07	5.1	5.0	4.9	4.9	4.8	4.8	4.7	4.6	4.5	4.7	4.9	5.3	5.5	5.8	6.0	6.3	6.5	6.5	6.6	6.7	6.7	6.7	6.6	6.6	5.6	4.5	6.7	2.2
4/16/07	6.5	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.5	5.6	5.9	6.2	6.6	7.0	7.3	7.5	7.7	7.8	8.0	8.1	8.2	8.2	8.1	8.0	6.8	5.5	8.2	2.7
4/17/07	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.2	7.2	7.3	7.5	7.7	7.6	7.5	7.5	7.6	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.1	7.3	6.1	8.0	1.8
4/18/07	5.9	5.6	5.5	5.2	5.1	5.0	4.7	4.6	4.5	4.8	4.2	4.2	4.2	4.4	4.5	4.5	4.5	4.8	4.8	4.8	4.8	4.8	4.7	4.5	4.8	4.2	5.9	1.7
4/19/07	4.4	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.4	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.1	4.2	4.1	4.1	3.9	3.4	4.4	1.0
4/20/07	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.9	4.1	4.4	4.8	4.9	5.0	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.9	4.5	3.8	5.1	1.3
4/21/07	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.1	4.6	5.6	1.0
4/22/07	5.2	5.1	4.9	4.8	4.7	4.4	4.1	4.0	3.8	3.7	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	4.0	3.6	5.2	1.6
4/23/07	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.9	3.2	3.5	4.0	4.4	4.8	5.1	5.5	5.8	6.1	6.3	6.4	6.4	6.3	6.1	4.4	2.8	6.4	3.6
4/24/07	5.9	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.5	4.6	4.8	5.1	5.6	6.1	6.5	6.9	7.3	7.7	7.9	8.1	8.2	8.2	8.1	7.9	6.2	4.5	8.2	3.7
4/25/07	7.7	7.5	7.3	7.1	6.8	6.6	6.3	6.2	6.1	6.1	6.2	6.6	7.0	7.3	7.7	8.0	8.1	8.3	8.3	8.3	8.2	8.2	8.0	7.9	7.3	6.1	8.3	2.2
4/26/07	7.7	7.5	7.3	7.0	6.7	6.7	6.7	6.7	6.7	6.8	7.0	7.3	7.7	8.1	8.5	8.8	9.0	9.2	9.4	9.5	9.6	9.6	9.5	9.4	8.0	6.7	9.6	2.9
4/27/07	9.3	9.1	8.9	8.7	8.5	8.3	8.1	8.0	8.0	8.0	8.1	8.4	8.7	9.1	9.5	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	10.0	9.1	8.0	10.3	2.3
4/28/07	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.3	8.3	8.4	8.6	8.9	9.2	9.5	9.6	9.8	9.9	10.0	10.1	10.2	10.2	10.1	10.0	9.3	8.3	10.2	1.9
4/29/07	9.8	9.5	9.4	9.2	9.0	8.9	8.7	8.5	8.4	8.3	8.4	8.6	8.7	8.9	9.2	9.4	9.4	9.5	9.6	9.7	9.8	9.7	9.6	9.5	9.2	8.3	9.8	1.5
4/30/07	9.4	9.2	9.0	8.8	8.6	8.5	8.3	8.2	8.1	8.0	8.2	8.4	8.8	9.1	9.3	9.5	9.6	9.7	9.9	10.0	10.0	10.0	9.9	9.8	9.1	8.0	10.0	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	3.9	Minimum	2.8
Mean Daily Mean	6.8	Mean Minimum	5.8
Maximum Daily Mean	9.3		
		Maximum	10.3
Minumum Range	1.0	Mean Maximum	7.8
Maximum Range	3.7		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
May 2007

	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
5/1/07	9.7	9.6	9.4	9.2	9.1	8.9	8.7	8.6	8.4	8.3	8.4	8.6	8.9	9.2	9.4	9.4	9.5	9.5	9.5	9.6	9.6	9.5	9.4	9.3	9.1	8.3	9.7	1.4
5/2/07	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.5	8.4	8.2	8.0	7.9	7.7	7.4	7.2	7.0	6.8	6.7	6.5	6.4	6.2	6.1	6.0	7.7	6.0	9.2	3.2
5/3/07	5.8	5.7	5.5	5.4	5.2	5.1	5.0	4.9	4.8	4.8	4.9	5.1	5.3	5.3	5.5	5.7	5.8	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.5	4.8	6.0	1.2
5/4/07	5.8	5.6	5.5	5.4	5.2	5.1	5.0	5.0	4.9	4.9	4.9	5.0	5.1	5.2	5.5	5.4	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.3	4.9	5.8	0.9
5/5/07	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.6	4.8	5.1	5.4	5.7	6.0	6.3	6.4	6.6	6.7	6.8	6.9	6.8	6.7	6.6	5.7	4.6	6.9	2.3
5/6/07	6.5	6.3	6.2	6.0	5.9	5.8	5.7	5.6	5.6	5.6	5.8	6.1	6.5	6.8	7.1	7.5	7.6	7.8	8.0	8.2	8.2	8.2	8.1	8.1	6.8	5.6	8.2	2.6
5/7/07	7.9	7.8	7.7	7.6	7.4	7.4	7.3	7.2	7.2	7.3	7.6	7.9	8.3	8.6	8.9	9.1	9.5	9.7	9.8	10.0	10.2	10.2	10.1	10.0	8.5	7.2	10.2	3.0
5/8/07	9.9	9.7	9.4	9.2	9.0	8.9	8.7	8.6	8.5	8.5	8.7	9.0	9.4	9.7	9.9	10.1	10.2	10.2	10.3	10.4	10.5	10.4	10.4	10.3	9.6	8.5	10.5	2.0
5/9/07	10.1	10.0	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.9	9.0	9.2	9.5	9.8	10.0	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.6	10.5	9.8	8.9	10.7	1.8
5/10/07	10.3	10.1	10.0	9.8	9.7	9.5	9.4	9.2	9.1	9.1	9.2	9.5	9.7	10.0	10.3	10.5	10.6	10.7	10.8	10.9	10.9	10.9	10.7	10.6	10.1	9.1	10.9	1.8
5/11/07	10.4	10.2	10.1	9.9	9.7	9.5	9.4	9.2	9.1	9.0	9.1	9.3	9.5	9.8	10.1	10.2	10.4	10.5	10.6	10.7	10.7	10.7	10.6	10.5	10.0	9.0	10.7	1.7
5/12/07	10.4	10.2	10.0	9.8	9.7	9.5	9.4	9.2	9.1	9.1	9.3	9.5	9.8	10.0	10.2	10.3	10.4	10.4	10.5	10.5	10.5	10.4	10.2	10.1	9.9	9.1	10.5	1.4
5/13/07	9.9	9.6	9.4	9.1	8.9	8.8	8.7	8.6	8.5	8.5	8.6	8.9	9.1	9.4	9.7	9.9	10.0	10.1	10.2	10.4	10.4	10.4	10.3	10.2	9.5	8.5	10.4	1.9
5/14/07	10.0	9.9	9.6	9.5	9.3	9.1	9.0	8.9	8.9	8.9	9.1	9.4	9.7	10.1	10.4	10.5	10.7	10.8	11.0	11.1	11.1	11.1	11.1	11.0	10.0	8.9	11.1	2.2
5/15/07	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.6	9.5	9.6	9.7	10.0	10.2	10.5	10.8	11.1	11.2	11.4	11.5	11.6	11.6	11.5	11.4	11.3	10.6	9.5	11.6	2.1
5/16/07	11.1	11.0	10.8	10.6	10.4	10.3	10.2	10.1	10.1	10.1	10.3	10.6	10.9	11.2	11.5	11.6	11.7	11.7	11.7	11.8	11.7	11.6	11.5	11.3	11.0	10.1	11.8	1.7
5/17/07	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.8	9.7	9.7	9.8	10.1	10.4	10.6	10.9	11.1	11.2	11.2	11.4	11.5	11.5	11.4	11.3	11.2	10.7	9.7	11.5	1.8
5/18/07	11.0	10.8	10.5	10.2	10.0	9.8	9.6	9.5	9.5	9.6	9.8	10.2	10.5	10.9	11.1	11.4	11.5	11.6	11.7	11.7	11.6	11.6	11.4	11.3	10.7	9.5	11.7	2.2
5/19/07	11.1	10.9	10.7	10.4	10.2	9.9	9.7	9.5	9.4	9.4	9.6	9.9	10.2	10.6	10.9	11.1	11.3	11.5	11.7	11.8	11.9	11.8	11.7	11.6	10.7	9.4	11.9	2.5
5/20/07	11.4	11.2	11.0	10.8	10.5	10.3	10.1	10.0	10.0	10.0	10.2	10.5	10.9	11.2	11.6	11.8	11.9	12.0	12.1	12.1	12.1	12.0	11.8	11.7	11.1	10.0	12.1	2.1
5/21/07	11.5	11.3	11.0	10.8	10.6	10.4	10.2	10.1	10.0	10.0	10.2	10.5	10.8	11.2	11.5	11.7	11.8	11.9	11.8	11.8	11.8	11.7	11.5	11.3	11.1	10.0	11.9	1.9
5/22/07	11.1	10.9	10.7	10.4	10.2	9.9	9.7	9.5	9.4	9.4	9.5	9.7	10.0	10.3	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.0	10.8	10.6	10.4	9.4	11.1	1.7
5/23/07	10.4	10.2	9.9	9.7	9.4	9.2	9.1	8.9	8.9	8.9	8.9	9.1	9.4	9.8	10.1	10.3	10.5	10.7	10.8	11.0	11.0	11.0	10.9	10.8	10.0	8.9	11.0	2.1
5/24/07	10.6	10.5	10.3	10.2	10.0	9.8	9.7	9.6	9.6	9.6	9.7	10.0	10.3	10.6	10.9	11.1	11.2	11.4	11.5	11.6	11.6	11.6	11.5	11.4	10.6	9.6	11.6	2.0
5/25/07	11.3	11.1	11.0	10.8	10.7	10.6	10.4	10.3	10.2	10.2	10.4	10.7	11.1	11.3	11.6	11.9	12.0	12.1	12.2	12.3	12.4	12.3	12.2	12.2	11.3	10.2	12.4	2.2
5/26/07	12.1	11.9	11.8	11.6	11.4	11.2	11.0	10.9	10.8	10.8	11.0	11.3	11.7	12.0	12.4	12.6	12.7	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.0	10.8	13.1	2.3
5/27/07	12.8	12.6	12.5	12.3	12.1	12.0	11.8	11.6	11.6	11.6	11.8	12.1	12.4	12.7	13.0	13.2	13.4	13.5	13.6	13.7	13.7	13.6	13.5	13.3	12.7	11.6	13.7	2.1
5/28/07	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.9	11.9	11.9	12.0	12.3	12.7	13.0	13.3	13.5	13.6	13.7	13.8	13.9	14.0	13.9	13.8	13.7	13.0	11.9	14.0	2.1
5/29/07	13.5	13.3	13.2	13.0	12.7	12.4	12.2	11.9	11.8	11.8	11.9	12.2	12.5	12.9	13.3	13.7	14.0	14.2	14.4	14.5	14.6	14.6	14.5	14.4	13.2	11.8	14.6	2.8
5/30/07	14.3	14.1	13.9	13.7	13.5	13.3	13.1	12.9	12.9	12.8	13.0	13.3	13.6	14.0	14.3	14.7	14.6	14.6	14.7	14.7	14.7	14.6	14.5	14.4	13.9	12.8	14.7	1.9
5/31/07	14.3	14.2	14.1	13.9	13.7	13.5	13.3	13.2	13.1	13.2	13.4	13.7	14.0	14.4	14.7	14.9	15.0	15.1	15.3	15.3	15.3	15.2	15.1	15.1	14.3	13.1	15.3	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	5.3	Minimum	4.6
Mean Daily Mean	10.2	Mean Minimum	9.1
Maximum Daily Mean	14.3		
		Maximum	15.3
Minumum Range	0.9	Mean Maximum	11.1
Maximum Range	3.2		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
June 2007

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
6/1/07	15.0	14.8	14.7	14.6	14.4	14.2	14.1	14.0	13.9	13.9	14.1	14.3	14.6	14.9	15.2	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.3	15.2	14.8	13.9	15.4	1.5
6/2/07	15.1	14.9	14.8	14.7	14.6	14.5	14.4	14.3	14.3	14.3	14.5	14.9	15.2	15.5	15.7	15.7	15.7	15.7	15.6	15.7	15.7	15.6	15.5	15.3	15.1	14.3	15.7	1.4
6/3/07	15.2	15.0	14.8	14.7	14.5	14.3	14.1	14.0	13.9	13.9	14.0	14.3	14.6	14.9	15.1	15.1	15.2	15.3	15.3	15.3	15.4	15.4	15.3	15.3	14.8	13.9	15.4	1.5
6/4/07	15.1	15.0	14.9	14.7	14.6	14.5	14.3	14.3	14.2	14.3	14.5	14.8	15.1	15.2	15.3	15.3	15.4	15.4	15.3	15.3	15.2	15.1	15.0	14.8	14.9	14.2	15.4	1.2
6/5/07	14.6	14.5	14.3	14.2	14.1	14.0	14.0	14.0	14.0	14.0	13.9	13.8	13.8	13.8	13.8	13.8	13.7	13.5	13.4	13.3	13.2	13.1	12.9	12.7	13.8	12.7	14.6	1.9
6/6/07	12.5	12.4	12.2	12.0	11.8	11.7	11.5	11.4	11.3	11.3	11.2	11.4	11.4	11.6	11.7	11.4	11.1	11.0	11.0	10.9	10.8	10.6	10.5	10.3	11.4	10.3	12.5	2.2
6/7/07	10.2	10.0	9.8	9.7	9.5	9.3	9.2	9.1	9.1	9.2	9.5	9.8	10.1	10.4	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.3	11.3	11.2	10.2	9.1	11.3	2.2
6/8/07	11.1	11.0	10.8	10.8	10.7	10.6	10.4	10.4	10.4	10.4	10.7	11.0	11.4	11.8	12.0	12.1	12.2	12.3	12.4	12.5	12.5	12.5	12.5	12.4	11.5	10.4	12.5	2.1
6/9/07	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.7	11.8	12.0	12.3	12.7	13.0	13.1	13.1	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.3	12.6	11.7	13.4	1.7
6/10/07	13.2	13.1	12.9	12.8	12.6	12.5	12.4	12.4	12.4	12.5	12.6	12.9	13.4	13.7	13.8	13.8	13.9	14.0	14.1	14.1	14.2	14.2	14.1	14.0	13.3	12.4	14.2	1.8
6/11/07	13.9	13.8	13.7	13.5	13.4	13.4	13.3	13.2	13.2	13.3	13.5	13.8	14.1	14.4	14.6	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.7	14.6	14.1	13.2	14.8	1.6
6/12/07	14.4	14.3	14.1	14.0	13.9	13.8	13.6	13.5	13.5	13.6	13.8	14.1	14.5	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.0	15.0	14.8	14.4	13.5	15.1	1.6
6/13/07	14.7	14.5	14.4	14.3	14.2	14.1	14.1	14.0	14.1	14.2	14.4	14.7	15.1	15.4	15.5	15.6	15.5	15.5	15.4	15.5	15.6	15.6	15.6	15.5	14.9	14.0	15.6	1.6
6/14/07	15.4	15.3	15.1	15.0	14.8	14.7	14.5	14.5	14.5	14.6	14.8	15.2	15.5	15.8	16.0	16.0	15.9	15.8	15.8	15.8	15.8	15.9	15.9	15.8	15.3	14.5	16.0	1.5
6/15/07	15.7	15.6	15.5	15.3	15.1	15.0	14.8	14.8	14.8	14.9	15.2	15.5	15.9	16.2	16.3	16.3	16.2	16.0	16.0	15.9	16.0	16.0	16.0	16.0	15.6	14.8	16.3	1.5
6/16/07	15.9	15.8	15.7	15.6	15.4	15.3	15.1	15.1	15.1	15.2	15.5	15.9	16.3	16.6	16.7	16.6	16.3	16.1	16.0	15.9	15.9	15.9	15.9	15.8	15.8	15.1	16.7	1.6
6/17/07	15.7	15.6	15.5	15.3	15.1	15.0	14.8	14.6	14.6	14.7	15.0	15.4	15.8	16.1	16.2	16.2	15.9	15.7	15.6	15.5	15.5	15.5	15.5	15.5	15.4	14.6	16.2	1.6
6/18/07	15.5	15.4	15.3	15.2	15.1	15.0	14.8	14.7	14.7	14.8	15.1	15.6	16.1	16.4	16.6	16.5	16.3	16.0	15.8	15.7	15.7	15.7	15.7	15.7	15.6	14.7	16.6	1.9
6/19/07	15.6	15.6	15.5	15.4	15.3	15.3	15.2	15.1	15.2	15.4	15.6	16.0	16.4	16.8	17.0	16.9	16.6	16.3	16.0	15.9	15.8	15.8	15.8	15.8	15.8	15.1	17.0	1.9
6/20/07	15.8	15.7	15.7	15.6	15.5	15.4	15.3	15.3	15.3	15.4	15.7	16.1	16.5	16.8	16.9	16.8	16.5	16.2	15.9	15.6	15.5	15.4	15.4	15.3	15.8	15.3	16.9	1.7
6/21/07	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.7	14.8	15.1	15.6	16.2	16.6	16.8	16.7	16.4	16.0	15.7	15.4	15.3	15.2	15.1	15.1	15.4	14.6	16.8	2.2
6/22/07	15.0	15.0	14.9	14.8	14.7	14.6	14.4	14.3	14.4	14.5	14.9	15.4	16.0	16.5	16.8	16.7	16.4	16.0	15.6	15.3	15.0	14.9	14.8	14.8	15.2	14.3	16.8	2.4
6/23/07	14.7	14.6	14.6	14.5	14.4	14.3	14.1	14.1	14.1	14.3	14.7	15.2	15.8	16.3	16.6	16.5	16.2	15.7	15.3	15.0	14.7	14.6	14.4	14.3	15.0	14.1	16.6	2.5
6/24/07	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.7	13.9	14.2	14.7	15.3	15.8	16.1	16.0	15.8	15.3	14.9	14.7	14.4	14.2	14.1	14.0	14.5	13.6	16.1	2.5
6/25/07	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.3	13.4	13.5	13.9	14.5	15.1	15.7	16.1	16.2	16.0	15.6	15.2	14.9	14.7	14.4	14.3	14.2	14.4	13.3	16.2	2.9
6/26/07	14.1	14.0	13.9	13.9	13.8	13.8	13.8	13.8	13.9	14.1	14.4	14.9	15.5	16.1	16.5	16.6	16.3	15.9	15.5	15.2	14.9	14.7	14.5	14.4	14.8	13.8	16.6	2.8
6/27/07	14.3	14.2	14.1	14.0	13.9	13.9	13.8	13.9	14.0	14.2	14.5	15.1	15.7	16.3	16.7	17.5	16.7	16.3	15.8	15.5	15.2	15.0	14.8	14.6	15.0	13.8	17.5	3.7
6/28/07	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.9	14.0	14.1	14.5	15.0	15.6	16.3	16.7	16.8	16.7	16.3	15.9	15.6	15.3	15.1	14.9	14.7	15.0	13.9	16.8	2.9
6/29/07	14.6	14.5	14.4	14.3	14.2	14.1	14.0	14.0	14.1	14.2	14.6	15.2	15.8	16.5	16.9	17.1	16.9	16.6	16.2	15.9	15.7	15.4	15.2	15.0	15.2	14.0	17.1	3.1
6/30/07	14.9	14.7	14.6	14.5	14.5	14.4	14.4	14.3	14.4	14.6	15.0	15.5	16.2	16.8	17.4	17.5	17.4	17.0	16.6	16.3	16.0	15.7	15.5	15.3	15.6	14.3	17.5	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	10.2	Minimum	9.1
Mean Daily Mean	14.5	Mean Minimum	13.6
Maximum Daily Mean	15.8		
		Maximum	17.5
Minumum Range	1.2	Mean Maximum	15.7
Maximum Range	3.7		
		Mean Range	2.1
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
July 2007

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
7/1/07	15.1	14.9	14.8	14.7	14.5	14.4	14.3	14.3	14.4	14.5	14.9	15.5	15.9	16.6	17.2	17.4	17.3	16.9	16.5	16.1	15.8	15.5	15.2	15.0	15.5	14.3	17.4	3.1
7/2/07	14.8	14.6	14.4	14.3	14.2	14.1	13.9	13.9	14.0	14.2	14.5	15.1	15.8	16.5	17.0	17.2	17.1	16.8	16.4	16.1	15.8	15.6	15.3	15.1	15.3	13.9	17.2	3.3
7/3/07	14.9	14.7	14.6	14.4	14.3	14.2	14.1	14.0	14.1	14.2	14.6	15.2	15.9	16.7	17.3	17.5	17.4	17.1	16.8	16.5	16.2	16.0	15.7	15.5	15.5	14.0	17.5	3.5
7/4/07	15.4	15.2	15.1	15.0	14.8	14.7	14.7	14.6	14.7	14.8	15.1	15.7	16.5	17.2	17.9	18.2	18.2	17.9	17.5	17.2	17.0	16.7	16.5	16.2	16.1	14.6	18.2	3.6
7/5/07	16.0	15.8	15.6	15.4	15.2	15.1	14.9	14.8	14.9	15.0	15.3	15.9	16.7	17.4	18.1	18.4	18.3	18.0	17.8	17.5	17.3	17.0	16.8	16.6	16.4	14.8	18.4	3.6
7/6/07	16.4	16.2	16.1	15.9	15.8	15.7	15.6	15.5	15.6	15.8	16.0	16.6	17.2	17.9	18.4	18.7	18.6	18.3	17.9	17.7	17.4	17.2	17.0	16.8	16.8	15.5	18.7	3.1
7/7/07	16.6	16.4	16.2	16.0	15.9	15.7	15.6	15.5	15.5	15.6	15.9	16.4	17.0	17.6	18.2	18.4	18.4	18.1	17.8	17.5	17.3	17.0	16.8	16.6	16.7	15.5	18.4	2.9
7/8/07	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.1	15.1	15.2	15.5	16.0	16.6	17.3	17.8	18.2	18.1	17.9	17.7	17.4	17.2	17.0	16.9	16.7	16.5	15.1	18.2	3.1
7/9/07	16.5	16.4	16.2	16.1	16.0	15.9	15.7	15.7	15.7	15.8	16.0	16.5	17.1	17.8	18.3	18.6	18.5	18.2	17.9	17.7	17.4	17.2	17.0	16.8	16.9	15.7	18.6	2.9
7/10/07	16.6	16.5	16.3	16.2	16.0	15.9	15.8	15.7	15.8	15.9	16.0	16.4	17.0	17.8	18.3	18.1	17.8	17.7	17.6	17.5	17.3	17.2	17.0	16.9	16.8	15.7	18.3	2.6
7/11/07	16.7	16.6	16.5	16.4	16.3	16.2	16.1	16.1	16.1	16.2	16.3	16.7	17.4	18.0	18.5	18.7	18.6	18.3	17.9	17.6	17.4	17.1	16.9	16.7	17.0	16.1	18.7	2.6
7/12/07	16.5	16.3	16.1	16.0	15.8	15.7	15.6	15.5	15.5	15.7	15.9	16.4	17.1	17.7	18.3	18.5	18.5	18.2	17.8	17.5	17.3	17.1	16.9	16.7	16.8	15.5	18.5	3.0
7/13/07	16.5	16.3	16.1	16.0	15.8	15.7	15.5	15.4	15.4	15.6	15.8	16.4	17.1	17.7	18.3	18.6	18.5	18.2	17.9	17.6	17.4	17.1	16.9	16.7	16.8	15.4	18.6	3.1
7/14/07	16.5	16.3	16.1	16.0	15.8	15.7	15.5	15.5	15.5	15.6	15.8	16.4	17.1	17.8	18.4	18.7	18.7	18.4	18.0	17.7	17.5	17.4	17.1	17.0	16.9	15.5	18.7	3.2
7/15/07	16.8	16.6	16.4	16.2	16.1	16.0	15.8	15.7	15.7	15.8	16.1	16.6	17.3	17.9	18.4	18.7	18.6	18.3	17.9	17.6	17.4	17.2	17.0	16.8	17.0	15.7	18.7	2.9
7/16/07	16.5	16.4	16.2	16.0	15.9	15.8	15.6	15.6	15.6	15.7	16.0	16.5	17.1	17.8	18.4	18.7	18.6	18.3	17.9	17.6	17.4	17.2	17.0	16.8	16.9	15.6	18.7	3.1
7/17/07	16.5	16.4	16.2	16.0	15.8	15.7	15.6	15.5	15.5	15.6	15.8	16.4	17.0	17.7	18.2	18.5	18.4	18.1	17.8	17.5	17.2	17.0	16.8	16.6	16.7	15.5	18.5	3.0
7/18/07	16.4	16.2	16.0	15.8	15.6	15.4	15.3	15.2	15.1	15.3	15.5	15.8	16.2	16.6	16.6	16.6	16.8	16.8	16.7	16.6	16.5	16.4	16.2	16.2	16.1	15.1	16.8	1.7
7/19/07	16.1	15.9	15.8	15.7	15.5	15.4	15.3	15.2	15.2	15.3	15.5	16.1	16.8	17.5	18.0	18.3	18.2	17.9	17.5	17.2	16.9	16.7	16.5	16.3	16.4	15.2	18.3	3.1
7/20/07	16.0	15.8	15.6	15.4	15.3	15.1	15.0	14.9	14.9	15.0	15.2	15.8	16.5	17.2	17.7	18.0	18.0	17.6	17.3	16.9	16.7	16.5	16.3	16.1	16.2	14.9	18.0	3.1
7/21/07	15.9	15.7	15.5	15.3	15.2	15.0	14.9	14.8	14.8	14.9	15.2	15.7	16.5	17.2	17.7	18.1	18.1	17.8	17.5	17.2	17.0	16.8	16.6	16.5	16.2	14.8	18.1	3.3
7/22/07	16.3	16.1	15.9	15.8	15.6	15.5	15.3	15.2	15.2	15.4	15.6	16.1	16.9	17.6	18.2	18.5	18.5	18.2	17.9	17.6	17.4	17.2	17.0	16.8	16.7	15.2	18.5	3.2
7/23/07	16.6	16.5	16.3	16.1	16.0	15.8	15.7	15.6	15.6	15.7	15.9	16.4	17.0	17.2	17.8	18.2	18.2	18.0	17.9	17.7	17.5	17.4	17.2	17.1	16.8	15.6	18.2	2.6
7/24/07	17.0	16.9	16.8	16.7	16.6	16.5	16.5	16.4	16.5	16.6	16.8	17.0	17.2	17.5	18.0	18.2	18.2	18.1	18.1	17.9	17.7	17.5	17.3	17.2	17.2	16.4	18.2	1.8
7/25/07	17.1	16.9	16.8	16.7	16.5	16.4	16.3	16.2	16.2	16.4	16.6	17.1	17.8	18.5	19.0	19.2	19.2	19.2	18.5	18.2	18.0	17.8	17.5	17.3	17.5	16.2	19.2	3.0
7/26/07	17.1	16.9	16.8	16.6	16.4	16.3	16.1	16.0	16.0	16.1	16.3	16.9	17.6	18.3	18.8	19.0	19.0	18.7	18.3	18.0	17.8	17.6	17.4	17.2	17.3	16.0	19.0	3.0
7/27/07	17.0	16.8	16.6	16.4	16.2	16.0	15.9	15.7	15.7	15.8	16.1	16.6	17.3	18.0	18.5	18.8	18.8	18.5	18.1	17.8	17.6	17.4	17.2	17.0	17.1	15.7	18.8	3.1
7/28/07	16.8	16.6	16.4	16.3	16.1	16.0	15.8	15.7	15.6	15.7	15.9	16.5	17.2	17.9	18.4	18.7	18.7	18.3	18.0	17.7	17.5	17.3	17.1	16.9	17.0	15.6	18.7	3.1
7/29/07	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	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	3.1
7/30/07	16.7	16.5	16.4	16.2	16.0	15.9	15.7	15.6	15.6	15.7	15.9	16.4	17.2	17.9	18.4	18.7	18.7	18.4	18.1	17.8	17.6	17.4	17.2	17.0	17.0	15.6	18.7	3.1
7/31/07	16.9	16.7	16.5	16.3	16.1	16.0	15.8	15.7	15.6	15.7	15.9	16.4	17.2	17.9	18.4	18.7	18.7	18.4	18.1	17.8	17.7	17.5	17.4	17.2	17.0	15.6	18.7	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	15.3	Minimum	13.9
Mean Daily Mean	16.6	Mean Minimum	15.4
Maximum Daily Mean	17.5		
		Maximum	19.2
Minumum Range	1.7	Mean Maximum	18.3
Maximum Range	3.6		
		Mean Range	3.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	17.0	16.9	16.7	16.6	16.4	16.3	16.1	16.0	16.0	16.1	16.3	16.8	17.4	18.1	18.5	18.8	18.8	18.5	18.1	17.9	17.7	17.6	17.4	17.3	17.2	16.0	18.8	2.8
8/2/07	17.1	17.0	16.8	16.7	16.5	16.3	16.1	16.0	16.0	16.1	16.3	16.8	17.5	18.2	18.7	18.7	18.7	18.4	18.1	17.9	17.7	17.5	17.3	17.2	17.2	16.0	18.7	2.7
8/3/07	17.0	16.8	16.6	16.5	16.3	16.1	16.0	15.8	15.8	15.9	16.1	16.6	17.4	18.1	18.6	18.8	18.8	18.4	18.1	17.8	17.5	17.3	17.2	17.0	17.1	15.8	18.8	3.0
8/4/07	16.8	16.6	16.4	16.1	16.0	15.8	15.6	15.4	15.4	15.5	15.7	16.3	17.0	17.8	18.2	18.5	18.5	18.1	17.8	17.5	17.3	17.1	16.9	16.7	16.8	15.4	18.5	3.1
8/5/07	16.5	16.3	16.1	15.9	15.8	15.6	15.4	15.3	15.3	15.3	15.6	16.0	16.7	17.4	17.9	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
8/6/07	16.2	16.0	15.8	15.6	15.4	15.2	15.1	14.9	14.8	14.9	15.1	15.6	16.3	17.0	17.5	17.7	17.7	17.4	17.2	17.0	16.9	16.7	16.4	16.1	16.2	14.8	17.7	2.9
8/7/07	16.0	15.8	15.6	15.4	15.2	15.0	14.9	14.7	14.6	14.7	14.9	15.4	16.2	16.9	17.5	17.8	17.8	17.5	17.2	16.9	16.7	16.6	16.4	16.2	16.1	14.6	17.8	3.2
8/8/07	16.1	15.9	15.7	15.6	15.4	15.2	15.1	15.0	14.9	15.0	15.2	15.7	16.4	17.2	17.7	18.0	18.0	17.7	17.5	17.2	17.0	16.9	16.7	16.6	16.3	14.9	18.0	3.1
8/9/07	16.4	16.2	16.1	15.9	15.7	15.5	15.4	15.2	15.1	15.2	15.4	15.9	16.6	17.3	17.8	18.0	18.0	17.6	17.3	17.1	16.8	16.6	16.4	16.2	16.4	15.1	18.0	2.9
8/10/07	16.0	15.8	15.6	15.4	15.2	15.0	14.9	14.7	14.6	14.7	15.0	15.5	16.3	17.0	17.6	17.9	17.9	17.6	17.3	17.1	16.9	16.7	16.6	16.4	16.2	14.6	17.9	3.2
8/11/07	16.2	16.0	15.8	15.6	15.5	15.3	15.2	15.0	15.0	15.1	15.3	15.8	16.5	17.2	17.7	17.9	17.9	17.6	17.3	17.0	16.8	16.6	16.5	16.3	16.3	15.0	17.9	2.9
8/12/07	16.1	15.9	15.7	15.5	15.3	15.2	15.0	14.9	14.8	14.9	15.2	15.7	16.4	17.1	17.6	17.8	17.9	17.5	17.3	17.0	16.8	16.6	16.5	16.3	16.2	14.8	17.9	3.1
8/13/07	16.1	15.9	15.7	15.5	15.4	15.2	15.0	14.9	14.8	14.9	15.1	15.6	16.3	17.0	17.5	17.8	17.8	17.5	17.3	17.0	16.9	16.7	16.6	16.4	16.2	14.8	17.8	3.0
8/14/07	16.3	16.1	15.9	15.7	15.6	15.4	15.3	15.1	15.1	15.2	15.4	15.9	16.7	17.4	17.9	18.2	18.2	17.8	17.5	17.3	17.1	17.0	16.8	16.6	16.5	15.1	18.2	3.1
8/15/07	16.5	16.3	16.2	16.0	15.8	15.7	15.6	15.4	15.4	15.5	15.7	16.2	17.0	17.7	18.2	18.5	18.5	18.1	17.8	17.6	17.4	17.2	17.1	16.9	16.8	15.4	18.5	3.1
8/16/07	16.7	16.6	16.4	16.2	16.0	15.9	15.7	15.6	15.5	15.5	15.7	16.2	17.0	17.7	18.2	18.4	18.4	18.0	17.7	17.5	17.2	17.1	16.9	16.7	16.8	15.5	18.4	2.9
8/17/07	16.5	16.3	16.1	15.9	15.7	15.6	15.4	15.3	15.1	15.2	15.4	16.0	16.8	17.5	18.0	18.2	18.2	17.8	17.4	17.2	16.9	16.7	16.5	16.3	16.5	15.1	18.2	3.1
8/18/07	16.1	15.9	15.7	15.5	15.3	15.1	15.0	14.8	14.7	14.8	15.0	15.6	16.4	17.1	17.5	17.8	17.7	17.4	17.1	16.8	16.6	16.4	16.2	16.0	16.1	14.7	17.8	3.1
8/19/07	15.8	15.6	15.4	15.2	15.0	14.8	14.7	14.6	14.5	14.5	14.8	15.3	16.1	16.7	17.2	17.4	17.4	17.1	16.8	16.6	16.4	16.2	16.1	15.9	15.8	14.5	17.4	2.9
8/20/07	15.8	15.6	15.4	15.2	15.1	14.9	14.8	14.6	14.5	14.6	14.8	15.4	16.2	16.9	17.5	17.7	17.7	17.4	17.1	16.9	16.8	16.7	16.6	16.4	16.0	14.5	17.7	3.1
8/21/07	16.3	16.2	16.0	15.9	15.7	15.6	15.5	15.4	15.3	15.4	15.6	16.2	17.0	17.7	18.2	18.5	18.5	18.2	17.9	17.7	17.5	17.4	17.3	17.1	16.8	15.3	18.5	3.2
8/22/07	17.0	16.8	16.7	16.5	16.4	16.2	16.1	16.0	15.9	15.9	16.2	16.7	17.5	18.2	18.7	19.2	18.8	18.6	18.3	18.0	17.9	17.7	17.6	17.5	17.3	15.9	19.2	3.3
8/23/07	17.3	17.2	17.0	16.9	16.7	16.6	16.4	16.3	16.2	16.2	16.4	16.8	17.5	18.3	18.7	18.9	19.0	18.8	18.5	18.3	18.1	17.9	17.8	17.7	17.5	16.2	19.0	2.8
8/24/07	17.5	17.4	17.2	17.1	16.9	16.7	16.6	16.4	16.3	16.2	16.4	16.8	17.5	18.2	18.7	18.9	19.0	18.8	18.5	18.3	18.1	18.0	17.8	17.7	17.5	16.2	19.0	2.8
8/25/07	17.5	17.4	17.2	17.1	16.9	16.7	16.5	16.4	16.2	16.2	16.4	16.7	17.4	18.1	18.5	19.0	19.2	19.0	18.7	18.5	18.2	18.0	17.9	17.7	17.6	16.2	19.2	3.0
8/26/07	17.5	17.4	17.1	16.9	16.7	16.6	16.4	16.2	16.2	16.4	16.8	17.2	17.9	18.7	19.1	19.4	19.3	19.0	18.7	18.3	18.1	17.9	17.7	17.5	17.6	16.2	19.4	3.1
8/27/07	17.3	17.1	17.0	16.8	16.6	16.4	16.3	16.2	16.1	16.3	16.7	17.2	17.9	18.6	19.0	19.3	19.2	19.0	18.6	18.4	18.2	18.0	17.8	17.7	17.6	16.1	19.3	3.1
8/28/07	17.5	17.4	17.2	17.1	17.0	16.8	16.7	16.5	16.5	16.6	17.0	17.5	18.2	18.9	19.0	18.8	18.6	18.3	18.2	18.1	18.0	17.9	17.9	17.8	17.6	16.5	19.0	2.5
8/29/07	17.6	17.5	17.3	17.2	17.1	17.0	17.0	16.9	16.8	17.0	17.2	17.7	18.4	19.1	19.5	19.7	19.7	19.5	19.2	18.9	18.7	18.5	18.3	18.2	18.1	16.8	19.7	2.9
8/30/07	18.0	17.8	17.7	17.7	17.6	17.4	17.3	17.2	17.2	17.3	17.4	17.7	18.2	18.9	19.4	19.6	19.6	19.5	19.2	18.9	18.7	18.5	18.4	18.2	18.2	17.2	19.6	2.4
8/31/07	18.1	17.9	17.7	17.6	17.5	17.4	17.4	17.3	17.3	17.4	17.5	17.6	17.7	18.1	18.4	18.6	18.8	18.7	18.6	18.3	18.1	18.0	17.9	17.8	17.9	17.3	18.8	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	15.8	Minimum	14.5
Mean Daily Mean	16.9	Mean Minimum	15.5
Maximum Daily Mean	18.2		
		Maximum	19.7
Minumum Range	1.5	Mean Maximum	18.5
Maximum Range	3.3		
		Mean Range	2.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	17.7	17.6	17.5	17.4	17.3	17.2	17.2	17.1	17.0	17.0	17.3	17.8	18.4	18.8	19.2	19.4	19.4	19.1	18.7	18.5	18.3	18.1	17.9	17.7	18.0	17.0	19.4	2.4
9/2/07																												
9/3/07																												
9/4/07																												
9/5/07																												
9/6/07																												
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9/11/07																												
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9/19/07																												
9/20/07																												
9/21/07																												
9/22/07																												
9/23/07																												
9/24/07																												
9/25/07	13.0	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.4	13.0	13.7	14.2	14.5	14.5	14.4	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.3	12.2	14.5	2.3
9/26/07	13.3	13.2	13.0	12.9	12.7	12.6	12.5	12.4	12.3	12.3	12.4	13.0	13.8	14.3	14.6	14.7	14.6	14.3	14.2	14.1	14.0	14.0	13.8	13.7	13.4	12.3	14.7	2.4
9/27/07	13.6	13.5	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.7	12.8	13.4	14.1	14.4	14.4	14.4	14.3	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	12.7	14.4	1.7
9/28/07	13.5	13.4	13.3	13.1	13.0	12.9	12.8	12.7	12.6	12.6	12.8	13.1	13.5	13.8	14.1	14.2	14.0	13.9	13.7	13.6	13.5	13.4	13.3	13.3	13.3	12.6	14.2	1.6
9/29/07	13.2	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.1	11.9	12.0	12.4	13.1	13.5	13.7	13.8	13.6	13.3	13.2	13.1	12.9	12.8	12.7	12.6	12.9	11.9	13.8	1.8
9/30/07	12.4	12.3	12.2	12.1	11.9	11.8	11.7	11.6	11.5	11.4	11.5	12.1	12.8	13.3	13.6	13.7	13.6	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.5	11.4	13.7	2.3

*NOTE: Data from September 2 - 24 were excluded due to recorder being out of water

*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	11.4
Mean Daily Mean	13.9	Mean Minimum	12.9
Maximum Daily Mean	18.0		
		Maximum	19.4
Minumum Range	1.6	Mean Maximum	15.0
Maximum Range	2.4		
		Mean Range	2.1
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Lower Bear River Reservoir
Station BR1
Hourly Temperature Recording (ºC)
April 2007

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
4/1/07	4.7	4.6	4.5	4.4	4.4	4.3	4.3	4.2	4.3	4.4	5.0	6.1	6.6	6.7	6.6	6.4	6.1	5.8	5.5	5.4	5.3	5.1	4.9	4.8	5.2	4.2	6.7	2.5
4/2/07	4.6	4.5	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.2	4.8	5.8	6.4	6.8	6.7	6.5	6.3	6.1	5.7	5.5	5.3	5.2	5.1	4.9	5.2	4.1	6.8	2.7
4/3/07	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.3	5.0	6.1	6.7	7.0	6.9	6.7	6.5	6.2	5.8	5.5	5.3	5.2	5.1	4.9	5.3	4.2	7.0	2.8
4/4/07	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.4	4.6	4.8	5.3	5.4	5.6	5.6	5.6	5.5	5.6	5.4	5.3	5.2	5.2	5.0	4.9	4.8	5.0	4.3	5.6	1.3
4/5/07	4.7	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	5.0	5.2	5.3	5.5	5.5	5.4	5.5	5.5	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1	4.6	5.5	0.9
4/6/07	5.0	5.0	4.9	4.8	4.8	4.8	4.8	4.8	4.8	5.0	5.4	5.7	5.9	6.0	6.1	6.0	6.0	5.8	5.6	5.5	5.4	5.3	5.2	5.2	5.3	4.8	6.1	1.3
4/7/07	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.9	4.9	5.1	5.3	5.2	5.5	5.5	5.7	5.6	5.5	5.3	5.2	5.1	5.1	5.1	5.1	5.0	5.2	4.9	5.7	0.8
4/8/07	4.9	4.9	4.8	4.8	4.8	4.9	4.9	4.8	4.8	4.9	5.2	5.4	5.6	5.8	5.8	5.6	5.5	5.2	5.0	4.9	4.9	4.8	4.7	4.7	5.1	4.7	5.8	1.1
4/9/07	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.9	5.0	5.0	5.3	5.4	5.6	5.5	5.3	5.4	5.2	5.0	4.9	4.8	4.8	4.6	4.5	5.0	4.5	5.6	1.0
4/10/07	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.7	5.1	5.2	5.3	5.3	5.3	5.2	5.1	4.9	4.7	4.7	4.7	4.7	4.7	4.7	4.3	5.3	1.0
4/11/07	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.3	4.4	4.5	4.4	4.5	4.5	4.7	4.7	4.8	4.7	4.4	4.5	4.5	4.4	4.3	4.3	4.5	4.3	4.8	0.5
4/12/07	4.4	4.4	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.2	4.5	4.8	4.8	5.0	5.0	5.1	5.0	4.8	4.6	4.6	4.5	4.5	4.3	4.4	4.5	4.1	5.1	1.0
4/13/07	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.3	4.5	4.9	5.2	5.4	5.5	5.6	5.6	5.5	5.4	5.1	5.0	4.9	4.9	4.8	4.8	4.8	4.2	5.6	1.4
4/14/07	4.7	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.6	4.6	4.5	4.6	4.7	4.7	4.7	4.6	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.7	0.2
4/15/07	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.5	4.6	4.9	5.2	5.2	5.2	5.4	5.5	5.3	5.1	4.8	4.7	4.6	4.6	4.7	4.6	4.8	4.4	5.5	1.0
4/16/07	4.5	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.6	4.7	5.1	5.4	5.6	5.7	5.8	5.9	5.8	5.7	5.4	5.3	5.2	5.1	5.0	4.9	5.1	4.5	5.9	1.4
4/17/07	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.3	5.4	5.1	5.1	5.0	5.1	4.9	4.7	4.6	4.5	4.2	4.2	4.3	4.3	4.8	4.2	5.4	1.2
4/18/07	4.3	4.3	4.2	4.2	4.3	4.3	4.4	4.3	4.3	4.4	4.6	4.7	4.8	4.8	4.9	4.6	4.8	4.8	4.6	4.5	4.5	4.5	4.4	4.4	4.5	4.2	4.9	0.7
4/19/07	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.4	4.4	4.5	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.2	4.7	0.5
4/20/07	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	5.0	5.1	5.0	4.9	5.0	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.8	4.6	5.1	0.5
4/21/07	4.7	4.7	4.6	4.6	4.7	4.6	4.7	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.8	4.6	5.1	0.5
4/22/07	4.5	4.5	4.5	4.4	4.3	4.2	4.4	4.4	4.4	4.4	4.5	4.6	4.6	4.6	4.7	4.7	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.2	4.8	0.6
4/23/07	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.7	5.1	5.3	5.5	5.6	5.6	5.7	5.6	5.5	5.3	5.0	4.9	4.8	4.7	4.7	4.9	4.4	5.7	1.3
4/24/07	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.6	4.8	5.3	5.6	5.8	6.0	6.1	6.1	6.0	5.9	5.6	5.4	5.2	5.1	5.0	4.9	5.1	4.4	6.1	1.7
4/25/07	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.5	5.9	5.9	5.8	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.9	4.9	4.7	5.1	4.6	5.9	1.3
4/26/07	4.7	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.6	5.7	5.9	6.0	6.1	6.1	6.1	6.0	5.7	5.5	5.4	5.4	5.3	5.1	5.3	4.6	6.1	1.5
4/27/07	5.1	5.0	5.0	4.9	4.9	4.9	4.9	4.9	5.1	5.4	5.7	5.9	6.1	6.3	6.3	6.2	6.1	5.9	5.7	5.6	5.5	5.4	5.3	5.2	5.5	4.9	6.3	1.4
4/28/07	5.1	5.0	5.0	5.0	5.0	4.9	4.9	5.0	5.2	5.4	5.7	5.9	6.1	6.1	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.5	5.4	5.2	5.5	4.9	6.2	1.3
4/29/07	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.1	5.4	5.7	5.8	5.9	5.9	6.0	5.9	5.9	5.7	5.5	5.4	5.4	5.3	5.2	5.2	5.4	5.0	6.0	1.0
4/30/07	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.1	5.4	5.7	5.9	6.0	6.1	6.2	6.1	6.0	6.0	5.7	5.6	5.5	5.5	5.4	5.3	5.5	5.0	6.2	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	4.5	Minimum	4.1
Mean Daily Mean	5.0	Mean Minimum	4.5
Maximum Daily Mean	5.5		
		Maximum	7.0
Minumum Range	0.2	Mean Maximum	5.7
Maximum Range	2.8		
		Mean Range	1.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Lower Bear River Reservoir
Station BR1
Hourly Temperature Recording (ºC)
May 2007

	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
5/1/07	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.9	5.1	5.4	5.7	5.9	6.1	6.1	6.0	5.8	5.8	5.6	5.3	5.3	5.3	5.2	5.2	5.2	5.4	4.9	6.1	1.2
5/2/07	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	4.9	4.8	4.7	4.7	4.7	4.8	4.9	5.0	5.0	4.9	4.9	4.8	4.8	4.8	5.0	4.7	5.2	0.5
5/3/07	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.6	4.9	5.1	5.2	5.2	5.3	5.2	5.1	5.1	5.1	5.0	4.9	4.9	4.8	4.8	4.7	4.9	4.5	5.3	0.8
5/4/07	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.7	4.7	4.9	5.0	4.9	5.2	5.2	5.4	5.4	5.3	5.2	5.0	4.9	4.8	4.7	4.7	4.6	4.9	4.6	5.4	0.8
5/5/07	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.9	5.4	5.6	5.8	5.9	5.8	5.7	5.5	5.3	4.8	4.6	4.6	4.6	4.6	4.6	4.9	4.4	5.9	1.5
5/6/07	4.6	4.6	4.6	4.6	4.5	4.4	4.5	4.5	4.7	5.1	5.5	5.9	6.2	6.2	6.4	6.4	6.2	5.9	5.5	5.3	5.2	5.1	5.1	5.1	5.3	4.4	6.4	2.0
5/7/07	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.6	6.1	6.4	6.7	6.9	6.8	6.8	6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.7	5.0	6.9	1.9
5/8/07	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.2	5.9	6.3	6.7	6.9	6.9	6.9	6.9	6.7	6.4	6.0	5.9	5.8	5.7	5.6	5.5	5.8	5.0	6.9	1.9
5/9/07	5.4	5.3	5.2	5.2	5.2	5.1	5.1	5.0	5.2	5.9	6.4	6.7	6.9	7.0	7.0	6.9	6.8	6.5	6.1	5.8	5.7	5.6	5.5	5.5	5.9	5.0	7.0	2.0
5/10/07	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.2	5.4	5.9	6.3	6.7	7.0	7.1	7.1	7.1	6.9	6.7	6.1	5.8	5.7	5.7	5.6	5.5	6.0	5.1	7.1	2.0
5/11/07	5.4	5.4	5.3	5.2	5.2	5.1	5.1	5.1	5.3	5.8	6.2	6.6	6.9	7.0	7.0	7.0	6.8	6.5	6.1	5.9	5.8	5.7	5.6	5.6	5.9	5.1	7.0	1.9
5/12/07	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.2	5.4	5.9	6.4	6.7	6.9	7.1	6.9	6.7	6.5	6.3	5.8	5.6	5.4	5.3	5.3	5.2	5.8	5.2	7.1	1.9
5/13/07	5.0	5.0	5.1	5.1	5.0	5.0	4.9	4.9	5.1	5.6	6.1	6.4	6.7	6.9	7.0	6.9	6.8	6.5	6.1	5.8	5.7	5.7	5.6	5.4	5.8	4.9	7.0	2.1
5/14/07	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.2	5.4	5.8	6.3	6.6	6.9	7.3	7.3	7.1	6.9	6.7	6.3	6.1	6.0	5.9	5.9	5.8	6.0	5.1	7.3	2.2
5/15/07	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.5	5.9	6.4	6.9	7.3	7.7	7.9	7.9	7.9	7.7	7.3	6.8	6.5	6.4	6.4	6.4	6.4	6.5	5.3	7.9	2.6
5/16/07	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.5	7.0	7.5	7.9	8.2	8.4	8.4	8.2	7.9	7.5	7.1	6.9	7.0	6.9	6.9	6.8	7.0	6.2	8.4	2.2
5/17/07	6.8	6.7	6.7	6.5	6.5	6.4	6.4	6.5	6.7	7.2	7.6	8.0	8.2	8.4	8.4	8.4	8.2	7.8	7.4	7.3	7.3	7.1	7.1	7.0	7.3	6.4	8.4	2.0
5/18/07	6.8	6.8	6.7	6.7	6.7	6.7	6.7	6.8	7.1	7.6	8.1	8.5	8.8	8.8	8.9	8.7	8.5	8.1	7.7	7.5	7.4	7.4	7.4	7.3	7.6	6.7	8.9	2.2
5/19/07	7.2	7.1	6.9	6.8	6.7	6.6	6.6	6.7	7.0	7.5	7.9	8.2	8.5	8.8	9.0	9.1	8.8	8.5	8.0	7.8	7.6	7.6	7.4	7.3	7.7	6.6	9.1	2.5
5/20/07	7.1	7.0	6.8	6.8	6.8	6.8	6.7	6.8	6.9	7.4	7.8	8.0	8.4	8.6	8.4	8.5	8.3	8.0	7.6	7.4	7.2	7.2	7.2	7.1	7.4	6.7	8.6	1.9
5/21/07	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.8	6.9	7.3	7.8	8.2	8.4	8.7	8.9	8.8	8.6	8.2	7.6	7.3	7.1	7.0	6.9	6.7	7.5	6.7	8.9	2.2
5/22/07	6.7	6.6	6.5	6.4	6.3	6.2	6.2	6.2	6.4	6.9	7.3	7.6	7.9	8.0	8.0	7.8	7.7	7.4	7.0	6.9	6.9	6.5	6.4	6.3	6.9	6.2	8.0	1.8
5/23/07	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.9	6.1	6.3	6.6	7.1	7.5	7.8	7.9	7.9	7.7	7.4	6.9	6.7	6.5	6.5	6.4	6.3	6.7	5.8	7.9	2.1
5/24/07	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.7	7.1	7.4	7.6	7.7	7.8	7.7	7.5	7.2	6.7	6.6	6.5	6.5	6.4	6.3	6.7	6.1	7.8	1.7
5/25/07	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.3	6.8	7.1	7.5	7.7	7.8	7.8	7.8	7.6	7.3	7.0	6.8	6.6	6.7	6.6	6.5	6.8	6.1	7.8	1.7
5/26/07	6.4	6.3	6.2	6.2	6.1	6.0	6.1	6.2	6.4	6.9	7.2	7.6	7.9	8.0	8.0	8.0	7.8	7.5	7.1	6.8	6.7	6.6	6.5	6.5	6.9	6.0	8.0	2.0
5/27/07	6.5	6.4	6.3	6.3	6.2	6.2	6.2	6.3	6.4	6.9	7.3	7.6	7.9	8.0	8.0	8.0	7.8	7.5	7.1	6.7	6.5	6.5	6.4	6.4	6.9	6.2	8.0	1.8
5/28/07	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1	6.3	6.7	7.2	7.5	7.8	8.0	8.0	7.9	7.7	7.5	7.0	6.7	6.5	6.5	6.4	6.5	6.8	6.1	8.0	2.0
5/29/07	6.5	6.4	6.2	6.0	5.9	5.9	5.8	5.9	6.1	6.6	7.0	7.3	7.8	8.1	8.5	8.2	8.0	7.7	7.2	6.9	6.9	6.8	6.7	6.6	6.9	5.8	8.5	2.7
5/30/07	6.5	6.4	6.3	6.3	6.2	6.2	6.2	6.4	6.4	6.8	7.3	7.7	8.0	8.2	8.2	7.9	7.8	7.2	6.9	6.8	6.7	6.8	6.6	6.6	6.9	6.2	8.2	2.0
5/31/07	6.6	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.7	7.1	7.5	7.9	8.1	8.3	8.3	8.2	8.1	7.7	7.3	7.1	6.9	6.8	6.9	6.9	7.2	6.5	8.3	1.8

*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	4.9	Minimum	4.4
Mean Daily Mean	6.3	Mean Minimum	5.6
Maximum Daily Mean	7.7		
		Maximum	9.1
Minumum Range	0.5	Mean Maximum	7.5
Maximum Range	2.7		
		Mean Range	1.9
# of Days <= 20 (ºC)	0		
# 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 2007

	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
6/1/07	6.9	6.8	6.8	6.7	6.7	6.7	6.6	6.7	6.8	7.0	7.5	7.8	8.1	8.3	8.5	8.5	8.2	7.7	7.3	7.2	7.0	6.9	7.1	7.0	7.3	6.6	8.5	1.9
6/2/07	7.0	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.9	7.2	7.7	8.1	8.4	8.6	8.5	8.3	8.3	8.4	8.0	7.4	7.2	7.1	7.1	7.0	7.5	6.8	8.6	1.8
6/3/07	6.9	6.8	6.8	6.7	6.6	6.5	6.4	6.5	6.7	7.4	8.0	8.3	8.8	9.1	9.0	9.0	8.8	8.7	8.5	8.0	7.8	7.6	7.6	7.6	7.7	6.4	9.1	2.7
6/4/07	7.5	7.4	7.3	7.2	7.2	7.2	7.2	7.3	7.4	7.8	8.4	9.0	9.4	9.7	9.5	9.3	9.2	8.8	8.4	7.8	7.5	7.2	7.2	7.1	8.0	7.1	9.7	2.6
6/5/07	7.1	7.0	6.9	6.9	7.0	7.1	7.2	7.3	7.3	7.2	7.2	7.1	7.2	7.4	7.5	7.8	7.7	7.3	7.0	6.7	6.4	6.2	6.1	6.0	7.0	6.0	7.8	1.8
6/6/07	6.0	6.1	6.1	6.1	6.0	5.9	5.9	6.0	6.1	6.4	6.9	7.3	7.5	7.8	7.6	7.5	7.1	6.9	6.8	6.3	6.2	6.1	6.0	5.9	6.5	5.9	7.8	1.9
6/7/07	5.9	5.8	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.8	7.7	8.4	8.9	9.2	9.2	8.9	8.6	8.2	7.7	7.1	6.8	6.7	6.6	6.6	7.1	5.7	9.2	3.6
6/8/07	6.6	6.5	6.5	6.4	6.3	6.2	6.2	6.2	6.4	7.2	8.1	8.8	9.4	9.7	9.6	9.9	10.0	9.6	9.1	8.4	8.0	7.8	7.7	7.6	7.8	6.2	10.0	3.8
6/9/07	7.6	7.5	7.4	7.4	7.2	7.1	7.0	7.0	7.2	8.0	8.9	9.9	10.7	10.9	10.8	10.4	10.0	9.7	9.4	8.8	8.5	8.3	8.2	8.1	8.6	7.0	10.9	3.9
6/10/07	7.9	7.7	7.6	7.4	7.3	7.3	7.3	7.4	7.6	8.2	9.0	9.7	10.5	10.9	10.9	10.7	10.3	10.0	9.6	8.9	8.6	8.4	8.2	8.1	8.7	7.3	10.9	3.6
6/11/07	8.0	8.0	7.8	7.8	7.8	7.7	7.6	7.6	7.7	8.4	9.3	10.2	10.9	10.7	10.3	10.6	10.7	10.4	9.9	9.2	8.9	8.5	8.5	8.3	8.9	7.6	10.9	3.3
6/12/07	8.2	8.1	8.0	7.8	7.7	7.7	7.6	7.6	7.8	8.6	9.7	10.8	11.5	11.9	11.8	11.5	11.2	10.8	10.0	9.2	8.8	8.7	8.6	8.4	9.3	7.6	11.9	4.3
6/13/07	8.4	8.3	8.2	8.1	8.1	8.0	8.0	8.0	8.2	9.0	10.0	10.8	11.2	11.7	11.8	11.7	11.2	10.8	10.2	9.5	9.0	8.9	8.8	8.7	9.4	8.0	11.8	3.8
6/14/07	8.6	8.4	8.2	8.1	8.0	7.9	7.8	7.8	8.0	8.7	9.8	10.6	11.2	11.7	11.7	11.6	11.3	10.8	10.3	9.5	9.1	8.9	8.8	8.7	9.4	7.8	11.7	3.9
6/15/07	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.9	8.0	8.8	9.7	10.7	11.5	11.9	11.8	11.6	11.3	10.8	10.3	9.6	9.2	8.9	8.9	8.8	9.5	7.9	11.9	4.0
6/16/07	8.7	8.5	8.5	8.4	8.3	8.2	8.1	8.1	8.2	9.2	10.4	11.2	11.8	12.2	12.1	11.8	11.3	10.8	10.1	9.4	8.9	8.7	8.6	8.5	9.6	8.1	12.2	4.1
6/17/07	8.3	8.2	8.0	7.9	7.7	7.6	7.5	7.4	7.5	8.3	9.4	10.4	11.2	11.7	11.9	11.6	11.3	10.9	10.4	9.5	9.0	8.8	8.7	8.6	9.2	7.4	11.9	4.5
6/18/07	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	8.0	8.8	9.7	10.8	11.6	12.1	12.1	11.9	11.5	11.1	10.5	9.8	9.2	9.0	8.9	8.8	9.6	7.8	12.1	4.3
6/19/07	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.5	9.2	10.3	10.9	11.5	12.0	12.1	11.9	11.6	11.1	10.5	9.7	9.3	9.0	8.9	8.8	9.7	8.3	12.1	3.8
6/20/07	8.7	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.2	9.0	9.9	10.6	11.2	11.5	11.6	11.5	11.1	10.8	10.2	9.4	8.9	8.6	8.5	8.4	9.5	8.2	11.6	3.4
6/21/07	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.6	7.7	8.6	9.6	10.5	11.3	11.8	11.9	11.5	11.5	11.0	10.4	9.6	9.1	8.7	8.6	8.5	9.3	7.6	11.9	4.3
6/22/07	8.4	8.2	8.0	7.7	7.5	7.4	7.2	7.2	7.4	8.5	9.6	10.6	11.3	11.8	11.9	11.8	11.4	10.9	10.1	9.3	8.8	8.6	8.5	8.3	9.2	7.2	11.9	4.7
6/23/07	8.2	8.0	7.8	7.7	7.6	7.4	7.4	7.3	7.5	8.5	9.7	10.6	11.2	11.7	11.7	11.5	11.0	10.5	9.9	9.0	8.6	8.3	8.1	7.9	9.0	7.3	11.7	4.3
6/24/07	7.8	7.7	7.5	7.4	7.3	7.2	7.2	7.2	7.4	8.3	9.4	10.2	10.7	11.1	11.1	11.0	10.7	10.2	9.7	9.0	8.6	8.3	8.1	7.9	8.8	7.2	11.1	3.9
6/25/07	7.8	7.6	7.5	7.3	7.2	7.1	7.0	7.0	7.1	8.1	9.3	10.4	11.2	11.6	11.5	11.5	11.3	10.8	10.2	9.4	9.0	8.7	8.5	8.4	9.0	7.0	11.6	4.6
6/26/07	8.4	8.3	8.1	8.1	8.0	8.0	7.9	8.0	8.1	8.8	9.8	10.9	11.5	11.9	14.6	11.8	11.2	10.7	10.1	9.3	8.9	8.7	8.5	8.4	9.5	7.9	14.6	6.7
6/27/07	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.8	8.0	8.8	9.8	10.8	11.5	11.8	11.8	11.7	11.4	11.0	10.3	9.4	9.0	8.7	8.6	8.5	9.4	7.8	11.8	4.0
6/28/07	8.4	8.3	8.1	8.0	7.9	7.8	7.7	7.7	7.8	8.7	9.7	10.6	11.2	11.7	11.8	11.6	11.4	10.9	10.2	9.4	9.0	8.7	8.6	8.5	9.3	7.7	11.8	4.1
6/29/07	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.1	8.9	10.0	10.9	11.5	11.9	12.0	11.9	11.6	11.1	10.5	9.7	9.3	9.0	8.8	8.7	9.5	8.0	12.0	4.0
6/30/07	8.6	8.5	8.4	8.3	8.3	8.3	8.2	8.2	8.3	9.1	10.2	11.1	11.7	12.0	12.1	11.9	11.6	10.9	10.2	9.5	9.1	8.9	8.7	8.6	9.6	8.2	12.1	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	6.5	Minimum	5.7
Mean Daily Mean	8.8	Mean Minimum	7.3
Maximum Daily Mean	9.7		
		Maximum	14.6
Minumum Range	1.8	Mean Maximum	11.0
Maximum Range	6.7		
		Mean Range	3.7
# of Days <= 20 (ºC)	0		
# 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 2007

	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
7/1/07	8.5	8.3	8.3	8.1	8.0	8.0	7.9	7.9	8.1	8.8	10.0	10.7	12.1	13.8	14.4	14.4	14.1	13.5	12.9	12.2	11.9	11.8	11.7	11.5	10.7	7.9	14.4	6.5
7/2/07	11.3	11.1	10.9	10.7	10.5	10.5	10.4	10.4	10.6	11.5	12.6	13.5	14.0	14.5	15.0	14.8	13.3	11.4	10.4	9.6	9.2	8.8	8.5	8.3	11.3	8.3	15.0	6.7
7/3/07	8.2	8.1	7.9	7.8	7.6	7.5	7.4	7.4	7.5	8.4	9.4	10.5	11.3	11.7	11.9	11.8	11.6	11.1	10.4	9.5	8.9	8.7	8.5	8.5	9.2	7.4	11.9	4.5
7/4/07	8.5	8.3	8.2	8.1	7.9	7.7	7.6	7.5	7.7	8.4	9.3	10.4	11.1	11.6	11.8	11.5	11.2	10.9	10.4	9.7	8.9	8.8	8.8	8.7	9.3	7.5	11.8	4.3
7/5/07	8.4	8.1	7.7	7.5	7.4	7.3	7.2	7.2	7.4	8.3	9.3	10.1	10.9	11.2	11.3	11.5	11.2	10.6	10.0	9.2	9.0	8.8	8.6	8.6	9.0	7.2	11.5	4.3
7/6/07	8.6	8.4	8.2	8.1	8.1	8.0	8.0	8.0	8.2	8.8	9.6	10.6	11.5	11.8	11.9	11.8	11.4	11.0	10.3	9.5	9.1	8.8	8.5	8.5	9.4	8.0	11.9	3.9
7/7/07	8.3	8.2	8.0	7.8	7.7	7.6	7.5	7.5	7.7	8.4	9.3	10.2	10.9	11.2	11.2	11.3	10.9	10.5	9.9	9.2	8.7	8.4	8.3	8.1	9.0	7.5	11.3	3.8
7/8/07	7.9	7.7	7.5	7.2	7.1	7.1	7.0	7.0	7.3	8.0	9.0	10.0	10.8	11.4	11.8	11.6	11.2	10.7	10.3	9.6	9.0	8.6	8.4	8.4	8.9	7.0	11.8	4.8
7/9/07	8.3	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.2	8.7	9.6	10.3	10.9	11.2	11.2	11.1	10.9	10.6	10.2	9.6	9.1	8.6	8.3	8.4	9.3	8.1	11.2	3.1
7/10/07	8.4	8.4	8.3	8.3	8.1	8.0	7.9	7.9	8.0	8.6	9.0	9.4	10.2	11.3	12.1	10.5	9.5	9.4	9.3	9.0	8.9	8.8	8.7	8.5	9.0	7.9	12.1	4.2
7/11/07	8.4	8.4	8.2	8.1	8.2	8.2	8.1	8.2	8.4	8.5	9.0	10.1	10.8	11.5	11.5	11.4	11.1	10.7	10.1	9.3	8.8	8.3	8.2	8.2	9.2	8.1	11.5	3.5
7/12/07	8.2	8.1	8.1	8.0	7.9	7.7	7.5	7.5	7.6	8.2	9.2	10.1	10.8	11.3	11.4	11.2	11.1	10.5	9.9	9.3	8.9	8.4	8.2	8.1	9.1	7.5	11.4	3.9
7/13/07	8.0	8.0	7.9	7.8	7.8	7.7	7.5	7.4	7.5	8.0	9.1	10.3	11.0	11.5	11.8	11.6	11.2	10.7	10.1	9.3	8.8	8.4	8.2	8.0	9.1	7.4	11.8	4.4
7/14/07	8.0	8.0	7.9	7.8	7.8	7.8	7.7	7.7	7.7	8.3	9.2	10.2	10.9	11.3	11.6	11.4	11.2	10.6	10.0	9.4	8.9	8.5	8.3	8.3	9.1	7.7	11.6	3.9
7/15/07	8.2	8.1	8.0	8.0	8.0	7.8	7.7	7.7	7.8	8.4	9.2	10.2	10.8	11.5	11.6	11.1	10.7	10.4	9.8	9.1	8.6	8.2	8.0	7.9	9.0	7.7	11.6	3.9
7/16/07	8.0	7.9	7.9	7.8	7.8	7.8	7.8	7.8	7.9	8.5	9.3	10.1	10.8	11.6	11.4	11.5	11.1	10.6	9.9	9.0	8.6	8.2	8.0	7.9	9.1	7.8	11.6	3.8
7/17/07	7.8	7.8	7.7	7.7	7.6	7.6	7.6	7.5	7.6	8.5	9.7	10.6	11.2	11.5	11.5	11.1	10.8	10.2	9.7	8.9	8.5	8.2	7.9	7.9	9.0	7.5	11.5	4.0
7/18/07	7.7	7.7	7.5	7.4	7.3	7.3	7.2	7.2	7.3	7.9	8.9	9.4	9.9	10.0	9.9	9.6	9.6	9.3	8.9	8.7	8.5	8.2	8.1	8.0	8.4	7.2	10.0	2.8
7/19/07	7.8	7.7	7.5	7.4	7.4	7.3	7.3	7.3	7.4	8.0	9.2	10.2	10.7	11.1	11.1	10.8	10.6	10.1	9.6	8.8	8.3	8.0	7.7	7.5	8.7	7.3	11.1	3.8
7/20/07	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.9	9.1	10.0	10.5	10.9	10.9	10.9	10.5	10.1	9.4	8.7	8.3	7.9	7.6	7.6	8.6	7.2	10.9	3.7
7/21/07	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.2	7.3	7.9	9.1	9.9	10.6	10.9	11.0	11.0	10.8	10.4	9.8	9.2	8.7	8.3	8.0	8.0	8.7	7.2	11.0	3.8
7/22/07	8.0	7.9	7.7	7.6	7.6	7.6	7.5	7.5	7.6	8.2	9.1	10.0	10.8	11.2	11.4	11.3	11.1	10.7	9.9	9.1	8.6	8.3	8.2	8.1	9.0	7.5	11.4	3.9
7/23/07	8.1	8.0	7.9	7.8	7.6	7.5	7.5	7.5	7.8	8.4	9.2	10.0	10.5	10.6	11.1	11.1	10.6	10.2	10.0	9.3	8.8	8.5	8.4	8.4	9.0	7.5	11.1	3.6
7/24/07	8.4	8.4	8.3	8.2	8.1	8.2	8.4	8.5	8.7	9.0	9.3	9.6	10.2	10.6	12.0	11.2	10.5	10.2	10.2	9.7	9.2	8.8	8.6	8.5	9.3	8.1	12.0	3.9
7/25/07	8.5	8.5	8.5	8.5	8.5	8.4	8.5	8.4	8.4	8.8	9.8	10.7	11.2	11.6	11.6	11.3	11.2	10.5	9.9	9.3	8.8	8.5	8.3	8.3	9.4	8.3	11.6	3.3
7/26/07	8.2	8.2	8.1	8.0	7.9	7.8	7.8	7.8	7.9	8.4	9.3	10.3	10.9	11.5	11.6	11.5	10.9	10.6	10.0	9.2	8.8	8.4	8.2	8.1	9.1	7.8	11.6	3.8
7/27/07	8.1	7.9	7.7	7.6	7.5	7.4	7.4	7.4	7.5	8.0	8.8	9.6	10.3	10.6	10.9	10.8	10.4	10.0	9.5	8.8	8.4	8.2	8.1	8.0	8.7	7.4	10.9	3.5
7/28/07	7.9	7.9	7.8	7.8	7.7	7.6	7.4	7.4	7.4	7.9	8.8	9.6	10.2	10.5	10.4	10.7	10.2	9.7	9.3	8.8	8.4	8.0	8.0	7.9	8.6	7.4	10.7	3.4
7/29/07	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.7	8.2	8.9	9.6	10.3	10.7	10.7	10.3	10.1	9.7	9.2	8.6	8.2	8.0	8.0	7.9	8.7	7.6	10.7	3.1
7/30/07	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.6	7.9	8.7	9.7	10.2	10.7	10.5	10.5	10.2	10.0	9.4	8.8	8.5	8.3	8.2	8.1	8.7	7.5	10.7	3.2
7/31/07	8.1	8.0	7.8	7.7	7.5	7.4	7.3	7.3	7.3	7.8	8.7	9.6	10.4	10.7	10.6	10.4	10.1	9.7	9.3	8.9	8.5	8.3	8.3	8.3	8.7	7.3	10.7	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	8.4	Minimum	7.0
Mean Daily Mean	9.1	Mean Minimum	7.6
Maximum Daily Mean	11.3		
		Maximum	15.0
Minumum Range	2.8	Mean Maximum	11.6
Maximum Range	6.7		
		Mean Range	4.0
# of Days <= 20 (ºC)	0		
# 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 2007

	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
8/1/07	8.3	8.3	8.2	8.1	8.0	7.9	7.9	7.8	7.8	8.2	9.0	9.9	10.5	11.0	11.0	10.9	10.7	10.1	9.5	9.0	8.6	8.4	8.3	8.1	9.0	7.8	11.0	3.2
8/2/07	7.9	7.9	7.8	7.7	7.6	7.4	7.4	7.3	7.5	8.0	9.0	9.6	10.2	10.7	10.6	10.3	10.0	9.9	9.4	8.8	8.3	8.3	8.2	8.1	8.7	7.3	10.7	3.4
8/3/07	8.0	7.9	7.8	7.6	7.6	7.6	7.5	7.6	7.6	8.0	8.9	9.7	10.3	10.6	10.4	10.2	9.9	9.7	9.2	8.7	8.3	8.1	7.9	7.7	8.6	7.5	10.6	3.1
8/4/07	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.1	7.2	7.6	8.6	9.5	10.2	10.5	10.5	10.2	10.1	9.8	9.3	8.6	8.3	8.0	7.8	7.7	8.4	7.1	10.5	3.4
8/5/07	7.6	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.3	7.7	8.8	9.6	10.1	10.4	10.4	10.0	9.7	9.4	9.0	8.4	8.2	8.0	7.9	7.7	8.4	7.2	10.4	3.1
8/6/07	7.5	7.3	7.2	7.1	7.1	7.0	7.0	7.0	7.0	7.3	8.5	9.5	10.1	10.5	10.5	10.2	9.8	9.4	8.9	8.3	8.0	7.9	7.7	7.6	8.3	7.0	10.5	3.5
8/7/07	7.5	7.4	7.3	7.2	7.1	7.1	7.0	7.0	7.1	7.4	8.3	9.3	10.0	10.4	10.4	10.6	10.4	9.9	9.3	8.8	8.5	8.2	7.9	7.8	8.4	7.0	10.6	3.6
8/8/07	7.8	7.7	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.7	8.5	9.8	10.4	10.8	11.2	11.0	10.7	10.2	9.5	9.0	8.6	8.4	8.2	7.9	8.7	7.4	11.2	3.8
8/9/07	7.9	7.9	7.8	7.8	7.7	7.6	7.5	7.5	7.5	7.7	8.5	9.6	10.4	10.7	10.6	10.5	10.1	9.7	9.2	8.6	8.2	7.9	7.7	7.6	8.6	7.5	10.7	3.2
8/10/07	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.1	7.2	7.5	8.4	9.5	10.2	10.6	10.6	10.5	10.3	9.8	9.3	8.7	8.4	8.0	7.9	7.8	8.5	7.1	10.6	3.5
8/11/07	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.4	7.5	7.9	9.1	10.2	11.0	11.4	11.7	11.6	11.2	10.5	9.9	9.1	8.6	8.2	8.0	7.8	8.9	7.4	11.7	4.3
8/12/07	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.4	7.5	7.8	9.0	9.8	10.6	11.0	11.1	10.9	10.5	10.1	9.5	8.9	8.5	8.2	8.0	7.9	8.7	7.4	11.1	3.6
8/13/07	7.8	7.8	7.7	7.6	7.6	7.4	7.4	7.3	7.3	7.5	8.3	9.5	10.3	10.8	10.9	10.8	10.4	10.0	9.5	8.9	8.5	8.3	8.2	8.1	8.7	7.3	10.9	3.6
8/14/07	8.0	7.9	7.9	7.8	7.7	7.7	7.6	7.6	7.6	7.7	8.6	9.7	10.6	11.3	11.3	11.1	10.8	10.3	9.7	9.0	8.6	8.4	8.2	8.1	8.9	7.6	11.3	3.7
8/15/07	8.1	8.1	8.0	8.0	8.0	7.9	7.8	7.8	7.9	8.1	8.8	9.9	10.7	11.2	11.4	11.3	10.6	10.2	9.7	9.2	8.8	8.5	8.4	8.3	9.0	7.8	11.4	3.6
8/16/07	8.2	8.1	8.1	8.1	8.1	8.0	8.0	7.9	8.0	8.1	8.9	10.1	10.9	11.6	11.6	11.4	10.8	10.4	9.7	9.1	8.7	8.4	8.3	8.2	9.1	7.9	11.6	3.7
8/17/07	8.1	8.1	8.0	7.9	7.9	7.8	7.8	7.8	7.8	8.0	8.8	9.9	11.1	11.5	11.7	11.5	11.0	10.4	9.8	9.0	8.6	8.3	8.1	7.9	9.0	7.8	11.7	3.9
8/18/07	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.5	7.5	7.7	8.8	9.8	10.5	10.8	10.9	10.8	10.3	10.0	9.3	8.7	8.3	8.1	7.9	7.8	8.7	7.5	10.9	3.4
8/19/07	7.7	7.6	7.6	7.5	7.4	7.4	7.4	7.4	7.3	7.5	8.8	10.1	10.7	10.8	10.9	10.8	10.4	9.8	9.3	8.7	8.4	8.2	8.1	8.0	8.7	7.3	10.9	3.6
8/20/07	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.5	8.4	9.6	10.4	10.8	11.0	10.9	10.5	10.2	9.8	9.3	8.9	8.7	8.7	8.6	8.8	7.3	11.0	3.7
8/21/07	8.6	8.5	8.3	8.2	8.1	8.1	8.1	8.1	8.1	8.3	9.2	10.3	11.1	11.8	11.6	14.3	11.3	10.9	10.3	9.7	9.2	8.9	8.8	8.8	9.5	8.1	14.3	6.2
8/22/07	8.8	8.7	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.5	9.2	10.3	11.2	11.9	11.9	11.7	11.4	10.8	10.3	9.6	9.3	9.0	9.0	9.0	9.5	8.3	11.9	3.6
8/23/07	8.9	8.8	8.7	8.6	8.6	8.5	8.5	8.5	8.5	8.7	9.4	10.3	11.1	11.6	11.5	11.5	11.0	10.9	10.3	9.7	9.3	9.1	9.0	9.0	9.6	8.5	11.6	3.2
8/24/07	9.0	8.8	8.7	8.5	8.4	8.3	8.2	8.2	8.2	8.4	9.2	10.5	11.3	12.0	12.0	12.0	11.8	11.3	10.6	10.0	9.6	9.3	9.3	9.2	9.7	8.2	12.0	3.8
8/25/07	9.0	8.8	8.7	8.6	8.4	8.3	8.2	8.1	8.1	8.3	9.2	10.2	11.0	11.7	11.8	11.7	11.2	10.8	10.3	9.7	9.4	9.1	9.0	9.0	9.5	8.1	11.8	3.7
8/26/07	8.9	8.7	8.6	8.5	8.4	8.4	8.4	8.4	8.5	8.7	9.6	10.5	11.3	11.7	11.8	11.5	11.2	10.7	10.1	9.4	9.1	8.9	8.8	8.8	9.5	8.4	11.8	3.4
8/27/07	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.6	8.6	8.7	9.4	10.4	11.4	11.6	12.0	12.1	11.7	11.3	10.4	9.9	9.5	9.2	9.1	9.0	9.7	8.6	12.1	3.5
8/28/07	9.0	9.1	9.1	9.0	9.0	9.0	9.0	8.9	9.0	9.1	9.7	11.0	11.8	12.3	11.5	10.3	9.9	9.9	9.8	9.7	9.6	9.5	9.5	9.5	9.7	8.9	12.3	3.4
8/29/07	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.9	9.0	9.1	9.8	10.7	11.5	12.0	12.1	11.9	11.5	11.1	10.4	9.9	9.5	9.5	9.4	9.3	10.0	8.9	12.1	3.2
8/30/07	9.3	9.1	9.0	9.0	8.9	8.9	8.9	8.9	8.9	9.1	9.4	9.9	11.1	11.8	11.9	11.8	11.3	11.1	10.5	10.0	9.5	9.3	9.2	9.2	9.8	8.9	11.9	3.0
8/31/07	9.2	9.2	9.1	9.1	9.1	9.0	9.0	9.0	9.0	9.1	9.5	9.6	9.8	10.4	10.8	10.5	10.6	10.6	10.2	9.8	9.7	9.6	9.6	9.7	9.6	9.0	10.8	1.8

*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	8.3	Minimum	7.0
Mean Daily Mean	9.0	Mean Minimum	7.8
Maximum Daily Mean	10.0		
		Maximum	14.3
Minumum Range	1.8	Mean Maximum	11.3
Maximum Range	6.2		
		Mean Range	3.5
# of Days <= 20 (ºC)	0		
# 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 2007

	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
9/1/07	9.6	9.5	9.4	9.3	9.3	9.3	9.3	9.2	9.3	9.2	9.9	11.2	11.9	12.3	12.3	11.8	11.3	10.8	10.0	9.4	9.0	8.9	8.8	8.7	10.0	8.7	12.3	3.6
9/2/07	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.7	9.7	11.1	11.7	11.7	11.8	11.6	11.0	10.4	9.7	9.2	8.8	8.7	8.6	8.6	9.5	8.5	11.8	3.3
9/3/07	8.5	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.4	9.1	10.5	11.4	11.8	11.9	11.4	11.1	10.6	9.9	9.3	8.8	8.6	8.5	8.4	9.4	8.3	11.9	3.6
9/4/07	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.7	7.7	8.5	9.7	10.6	11.1	11.1	10.8	10.4	10.0	9.4	8.9	8.6	8.4	8.3	8.3	8.9	7.7	11.1	3.4
9/5/07	8.2	8.0	7.7	7.5	7.5	7.4	7.4	7.3	7.4	7.5	8.1	9.0	10.0	10.5	10.9	10.9	10.6	10.3	9.5	9.0	8.6	8.5	8.4	8.2	8.7	7.3	10.9	3.6
9/6/07	8.2	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	8.0	8.6	9.6	10.7	11.2	11.4	11.1	10.7	10.3	9.7	9.2	8.8	8.7	8.6	8.6	9.0	7.9	11.4	3.5
9/7/07	8.5	8.4	8.3	8.2	8.2	8.1	8.0	8.0	8.0	8.0	8.6	9.4	10.4	11.1	11.1	11.1	10.7	10.3	9.6	9.1	8.8	8.6	8.6	8.5	9.1	8.0	11.1	3.1
9/8/07	8.4	8.4	8.3	8.2	8.0	7.8	7.7	7.7	7.6	7.7	8.4	9.5	10.5	11.1	11.3	11.0	10.6	10.3	9.7	9.2	8.8	8.6	8.5	8.5	9.0	7.6	11.3	3.7
9/9/07	8.3	8.3	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.2	8.8	9.7	10.8	11.3	11.2	11.0	10.9	10.6	10.1	9.5	9.2	9.0	9.0	8.9	9.2	8.0	11.3	3.3
9/10/07	8.7	8.6	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.1	8.6	9.4	10.8	11.6	11.7	11.6	11.0	10.8	10.2	9.8	9.2	9.0	9.0	8.9	9.3	8.0	11.7	3.7
9/11/07	8.7	8.6	8.3	8.2	8.1	8.1	8.1	8.1	8.1	8.2	8.6	9.5	10.5	11.2	11.4	11.2	10.8	10.4	9.9	9.5	9.1	8.8	8.8	8.7	9.2	8.1	11.4	3.3
9/12/07	8.6	8.6	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.4	9.8	10.7	11.1	11.1	11.0	10.8	10.4	9.9	9.6	9.2	8.8	8.6	8.6	9.2	8.0	11.1	3.1
9/13/07	8.4	8.3	8.1	8.1	7.9	7.9	7.8	7.8	7.8	7.8	8.5	9.9	10.8	11.1	10.9	10.6	10.1	9.5	9.0	8.4	8.1	7.9	7.8	7.7	8.8	7.7	11.1	3.4
9/14/07	7.6	7.5	7.4	7.4	7.3	7.2	7.2	7.2	7.2	7.2	7.8	9.2	10.1	10.5	10.4	9.9	9.6	9.3	8.8	8.4	8.1	7.9	7.8	7.7	8.3	7.2	10.5	3.3
9/15/07	7.6	7.4	7.2	7.0	6.9	6.8	6.8	6.7	6.6	6.7	7.2	8.6	9.9	10.5	10.6	10.3	9.9	9.5	8.9	8.6	8.3	8.1	8.0	7.8	8.2	6.6	10.6	4.0
9/16/07	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.2	7.8	9.1	10.2	10.7	10.5	10.3	9.7	9.4	9.1	8.7	8.4	8.2	8.1	8.0	8.5	7.2	10.7	3.5
9/17/07	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.2	7.3	7.4	7.8	8.9	10.0	10.7	10.3	9.3	9.1	9.2	8.8	8.5	8.3	8.1	8.1	8.0	8.3	7.2	10.7	3.4
9/18/07	7.9	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.4	7.9	9.2	10.2	10.6	10.5	10.3	9.8	9.3	8.8	8.4	8.3	8.1	8.0	7.9	8.4	7.3	10.6	3.2
9/19/07	7.9	7.8	7.7	7.5	7.5	7.4	7.3	7.1	7.1	7.1	7.4	8.3	8.7	8.9	8.8	8.6	8.3	8.0	7.6	7.2	6.9	6.9	7.0	7.0	7.7	6.9	8.9	1.9
9/20/07	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.5	8.0	8.1	7.9	7.8	8.0	8.1	8.1	8.0	7.8	7.6	7.5	7.5	7.3	7.5	7.0	8.1	1.1
9/21/07	7.2	7.2	7.0	7.0	7.0	7.0	7.1	7.2	7.3	7.5	8.0	9.0	9.8	10.5	9.8	9.2	9.0	8.9	8.7	8.4	8.2	8.0	7.7	7.6	8.1	7.0	10.5	3.5
9/22/07	7.4	7.4	7.4	7.2	7.1	7.1	7.0	7.2	7.3	7.4	7.6	7.9	8.0	8.0	7.9	8.1	8.3	8.2	7.9	7.7	7.3	7.1	7.0	7.0	7.5	7.0	8.3	1.3
9/23/07	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.3	7.6	7.9	8.5	8.6	8.6	8.7	8.6	8.2	7.8	7.5	7.2	6.9	7.6	6.9	8.7	1.8
9/24/07	6.8	6.7	6.7	6.6	6.5	6.4	6.4	6.4	6.4	6.4	7.0	8.2	9.3	9.9	10.2	10.0	9.6	9.2	8.7	8.3	8.0	7.8	7.5	7.4	7.8	6.4	10.2	3.8
9/25/07	7.2	7.0	6.8	6.7	6.6	6.6	6.7	6.7	6.7	6.8	7.8	8.7	9.6	10.2	10.2	10.0	9.7	9.3	8.9	8.4	8.1	7.9	7.7	7.6	8.0	6.6	10.2	3.6
9/26/07	7.4	7.3	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.9	7.4	8.6	9.8	10.3	10.4	10.3	9.9	9.4	8.8	8.5	8.1	7.9	7.8	7.6	8.1	6.8	10.4	3.6
9/27/07	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.9	7.5	8.9	9.9	10.0	9.5	9.4	9.3	9.0	8.6	8.3	8.0	7.7	7.5	7.4	8.0	6.8	10.0	3.1
9/28/07	7.3	7.2	7.1	7.0	7.0	7.1	7.3	7.3	7.3	7.5	7.7	8.2	8.9	9.5	9.7	9.3	9.1	8.6	8.1	7.8	7.6	7.4	7.3	7.2	7.9	7.0	9.7	2.7
9/29/07	7.1	7.0	7.0	6.7	6.5	6.4	6.2	6.1	6.0	6.0	6.4	7.7	8.8	9.4	9.6	9.6	9.3	8.8	8.3	7.8	7.4	7.2	7.0	7.0	7.5	6.0	9.6	3.6
9/30/07	6.9	6.8	6.7	6.7	6.6	6.6	6.6	6.7	6.7	6.8	7.3	8.7	9.6	10.1	10.0	9.7	9.2	8.6	8.0	7.6	7.5	7.3	7.1	7.2	7.7	6.6	10.1	3.5

*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	7.5	Minimum	6.0
Mean Daily Mean	8.5	Mean Minimum	7.3
Maximum Daily Mean	10.0		
		Maximum	12.3
Minumum Range	1.1	Mean Maximum	10.5
Maximum Range	4.0		
		Mean Range	3.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Salt Springs Road
Station BR2
Hourly Temperature Recording (ºC)
April 2007

	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
4/1/07	7.7	7.4	7.1	6.8	6.5	6.2	6.0	5.8	5.7	5.6	5.7	6.1	6.6	7.4	8.0	8.6	8.9	9.1	9.3	9.3	9.2	8.9	8.6	8.3	7.4	5.6	9.3	3.7
4/2/07	7.9	7.5	7.1	6.8	6.4	6.1	5.8	5.6	5.4	5.3	5.4	5.7	6.2	6.9	7.7	8.3	8.7	8.9	9.2	9.3	9.3	9.0	8.7	8.5	7.3	5.3	9.3	4.0
4/3/07	8.2	7.9	7.6	7.3	7.0	6.7	6.4	6.2	6.0	5.9	6.0	6.3	6.8	7.6	8.4	9.0	9.4	9.6	9.8	10.0	9.9	9.6	9.3	8.9	7.9	5.9	10.0	4.1
4/4/07	8.6	8.3	8.0	7.7	7.3	7.0	6.8	6.6	6.5	6.4	6.6	6.9	7.4	7.9	8.4	8.8	9.2	9.5	9.6	9.7	9.7	9.5	9.2	8.9	8.1	6.4	9.7	3.3
4/5/07	8.5	8.1	7.8	7.5	7.3	7.1	7.0	6.8	6.8	6.8	7.0	7.2	7.5	8.2	8.8	9.3	9.6	9.9	10.1	10.1	10.0	9.7	9.5	9.2	8.3	6.8	10.1	3.3
4/6/07	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	7.1	7.2	7.5	8.1	8.9	9.8	10.5	10.9	11.2	11.4	11.5	11.4	11.1	10.7	10.4	9.1	7.1	11.5	4.4
4/7/07	10.0	9.6	9.2	8.9	8.6	8.3	8.1	7.9	7.8	7.7	7.8	8.1	8.4	8.9	9.5	10.0	10.1	10.2	10.3	10.3	10.1	9.8	9.6	9.3	9.1	7.7	10.3	2.6
4/8/07	9.0	8.7	8.4	8.1	7.9	7.7	7.5	7.4	7.2	7.2	7.3	7.6	8.1	8.9	9.4	9.8	9.9	9.8	9.8	9.9	9.7	9.5	9.1	8.7	8.6	7.2	9.9	2.7
4/9/07	8.3	7.9	7.6	7.2	7.0	6.8	6.7	6.7	6.7	6.8	6.9	7.3	7.8	8.5	9.3	9.7	9.6	9.6	9.5	9.5	9.2	8.9	8.5	8.2	8.1	6.7	9.7	3.0
4/10/07	7.7	7.3	6.8	6.4	6.1	5.7	5.5	5.2	5.0	5.0	5.1	5.4	5.9	6.6	7.4	8.0	8.3	8.5	8.7	8.8	8.7	8.4	8.2	7.9	6.9	5.0	8.8	3.8
4/11/07	7.6	7.3	7.0	6.8	6.5	6.3	6.2	6.1	5.9	5.7	5.7	5.6	5.6	5.6	5.7	5.8	5.9	5.9	5.9	5.8	5.7	5.7	5.6	5.4	6.1	5.4	7.6	2.2
4/12/07	5.2	4.9	4.7	4.4	4.0	3.8	3.7	3.5	3.3	3.3	3.4	3.7	4.3	5.0	5.9	6.5	6.9	7.1	7.3	7.4	7.2	6.9	6.5	6.2	5.2	3.3	7.4	4.1
4/13/07	5.9	5.5	5.2	4.9	4.7	4.5	4.3	4.1	4.0	4.0	4.2	4.6	5.3	6.1	6.9	7.6	8.0	8.3	8.6	8.8	8.7	8.6	8.3	8.0	6.2	4.0	8.8	4.8
4/14/07	7.7	7.3	6.9	6.5	6.2	6.0	5.8	5.7	5.6	5.5	5.5	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.3	5.8	5.3	7.7	2.4
4/15/07	5.2	5.1	5.0	5.0	4.9	4.9	4.8	4.7	4.6	4.6	4.8	5.2	5.8	6.4	6.7	6.9	7.4	7.7	8.0	8.2	8.1	7.9	7.6	7.3	6.1	4.6	8.2	3.6
4/16/07	7.0	6.7	6.4	6.1	5.8	5.6	5.4	5.2	5.0	5.0	5.3	5.6	6.3	7.1	8.0	8.8	9.2	9.4	9.7	9.9	9.9	9.7	9.4	9.0	7.3	5.0	9.9	4.9
4/17/07	8.7	8.3	8.0	7.6	7.3	7.1	6.9	6.8	6.8	6.8	7.0	7.3	7.5	7.5	7.6	7.9	7.9	7.8	7.7	7.5	7.2	6.8	6.4	6.1	7.4	6.1	8.7	2.6
4/18/07	5.7	5.3	5.0	4.6	4.3	4.1	3.9	3.8	3.8	3.8	3.9	4.0	4.4	4.9	5.4	5.7	5.9	5.9	5.9	5.9	5.9	5.7	5.4	5.2	4.9	3.8	5.9	2.1
4/19/07	4.9	4.6	4.3	4.1	3.9	3.7	3.5	3.4	3.4	3.5	3.7	3.9	4.1	4.3	4.6	4.7	4.9	5.1	5.2	5.2	5.2	5.2	5.1	5.0	4.4	3.4	5.2	1.8
4/20/07	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.3	4.4	4.6	5.0	5.6	5.7	5.9	6.2	6.2	6.2	6.3	6.3	6.2	6.2	6.1	5.9	5.3	4.3	6.3	2.0
4/21/07	5.7	5.6	5.4	5.3	5.2	5.2	5.1	5.1	5.1	5.2	5.4	5.7	6.0	6.3	6.6	6.6	6.7	6.8	6.8	6.7	6.6	6.4	6.2	6.0	5.9	5.1	6.8	1.7
4/22/07	5.8	5.6	5.4	5.1	4.9	4.4	4.1	4.0	3.8	3.6	3.6	3.6	3.7	3.7	3.9	4.2	4.5	4.6	4.8	4.8	4.7	4.6	4.6	4.5	4.4	3.6	5.8	2.2
4/23/07	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6	3.7	4.0	4.5	5.3	6.1	6.9	7.6	8.0	8.5	8.9	9.0	8.9	8.6	8.2	7.7	5.9	3.6	9.0	5.4
4/24/07	7.2	6.8	6.4	6.0	5.7	5.4	5.2	5.0	4.9	4.9	5.2	5.6	6.5	7.4	8.4	9.2	9.6	10.0	10.4	10.5	10.4	10.0	9.5	9.0	7.5	4.9	10.5	5.6
4/25/07	8.5	8.0	7.5	7.1	6.7	6.4	6.1	5.9	5.8	5.8	6.0	6.5	7.4	8.2	9.0	9.4	9.6	9.9	10.0	9.9	9.7	9.5	9.0	8.6	7.9	5.8	10.0	4.2
4/26/07	8.1	7.6	7.1	6.7	6.4	6.2	6.0	5.9	5.9	5.9	6.2	6.8	7.5	8.5	9.5	10.3	10.8	11.1	11.4	11.5	11.3	11.0	10.6	10.2	8.4	5.9	11.5	5.6
4/27/07	9.7	9.2	8.7	8.3	7.9	7.6	7.4	7.2	7.0	7.0	7.3	7.7	8.5	9.4	10.4	11.1	11.5	11.8	12.0	12.1	12.0	11.7	11.2	10.8	9.5	7.0	12.1	5.1
4/28/07	10.3	9.7	9.3	8.8	8.5	8.1	7.9	7.7	7.5	7.5	7.8	8.2	8.8	9.7	10.5	11.1	11.4	11.7	11.9	12.1	12.0	11.7	11.3	10.8	9.8	7.5	12.1	4.6
4/29/07	10.4	9.9	9.4	9.0	8.7	8.3	8.1	7.9	7.7	7.7	7.8	8.2	8.8	9.4	10.2	10.8	11.0	11.2	11.4	11.5	11.3	11.0	10.6	10.2	9.6	7.7	11.5	3.8
4/30/07	9.8	9.3	8.9	8.5	8.2	7.9	7.6	7.5	7.3	7.4	7.6	8.0	8.7	9.6	10.4	11.0	11.3	11.5	11.7	11.8	11.7	11.4	11.0	10.6	9.5	7.3	11.8	4.5

*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	4.4	Minimum	3.3
Mean Daily Mean	7.3	Mean Minimum	5.6
Maximum Daily Mean	9.8		
		Maximum	12.1
Minumum Range	1.7	Mean Maximum	9.2
Maximum Range	5.6		
		Mean Range	3.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Salt Springs Road
Station BR2
Hourly Temperature Recording (ºC)
May 2007

	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
5/1/07	10.2	9.8	9.3	8.9	8.5	8.2	7.9	7.7	7.5	7.5	7.7	8.1	8.8	9.6	10.3	10.5	10.8	10.8	11.0	11.0	10.8	10.5	10.2	9.8	9.4	7.5	11.0	3.5
5/2/07	9.5	9.1	8.8	8.5	8.3	8.1	8.0	7.8	7.8	7.7	7.6	7.5	7.4	7.2	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.0	5.9	5.9	7.4	5.9	9.5	3.6
5/3/07	5.8	5.8	5.7	5.5	5.4	5.3	5.1	5.0	4.9	4.9	5.1	5.5	6.1	6.9	7.2	7.1	7.3	7.5	7.4	7.3	7.2	7.0	6.7	6.4	6.2	4.9	7.5	2.6
5/4/07	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.7	4.7	4.7	4.9	5.1	5.5	6.2	6.4	6.6	6.8	7.0	7.1	7.0	6.9	6.7	6.5	5.9	4.7	7.1	2.4
5/5/07	6.2	6.0	5.7	5.5	5.2	5.0	4.8	4.7	4.6	4.7	4.9	5.3	6.0	6.8	7.6	8.1	8.3	8.4	8.6	8.7	8.6	8.3	7.9	7.5	6.6	4.6	8.7	4.1
5/6/07	7.1	6.7	6.3	5.9	5.6	5.3	5.0	4.9	4.8	4.9	5.1	5.6	6.4	7.2	8.1	8.8	9.1	9.3	9.6	9.8	9.8	9.6	9.3	9.0	7.2	4.8	9.8	5.0
5/7/07	8.7	8.4	8.0	7.7	7.4	7.2	6.9	6.8	6.6	6.7	6.9	7.5	8.2	9.1	10.0	10.7	11.0	11.3	11.6	11.9	11.9	11.7	11.4	11.0	9.1	6.6	11.9	5.2
5/8/07	10.6	10.2	9.7	9.3	8.9	8.6	8.3	8.0	7.8	7.8	8.0	8.5	9.2	10.0	10.9	11.4	11.7	11.8	12.0	12.2	12.1	11.9	11.6	11.3	10.1	7.8	12.2	4.4
5/9/07	11.0	10.6	10.2	9.8	9.4	9.0	8.7	8.4	8.2	8.2	8.4	8.9	9.6	10.4	11.2	11.7	11.9	12.1	12.3	12.4	12.4	12.2	11.9	11.5	10.4	8.2	12.4	4.2
5/10/07	11.2	10.9	10.5	10.1	9.7	9.3	9.0	8.7	8.5	8.5	8.7	9.1	9.8	10.7	11.5	12.0	12.2	12.3	12.4	12.6	12.5	12.3	12.0	11.6	10.7	8.5	12.6	4.1
5/11/07	11.3	10.9	10.5	10.1	9.7	9.3	8.9	8.6	8.4	8.4	8.6	9.0	9.7	10.5	11.2	11.7	11.9	12.0	12.1	12.3	12.3	12.1	11.8	11.5	10.5	8.4	12.3	3.9
5/12/07	11.2	10.9	10.5	10.1	9.7	9.4	9.0	8.7	8.5	8.5	8.7	9.1	9.8	10.5	11.2	11.7	11.9	11.8	11.8	11.9	11.9	11.6	11.3	10.9	10.5	8.5	11.9	3.4
5/13/07	10.5	10.1	9.7	9.3	8.8	8.4	8.1	7.8	7.5	7.5	7.7	8.1	8.7	9.5	10.3	10.9	11.2	11.3	11.4	11.6	11.7	11.6	11.4	11.1	9.8	7.5	11.7	4.2
5/14/07	10.8	10.4	10.1	9.7	9.3	8.9	8.5	8.3	8.1	8.0	8.2	8.6	9.3	10.1	11.0	11.6	11.9	12.0	12.2	12.4	12.5	12.4	12.2	11.9	10.3	8.0	12.5	4.5
5/15/07	11.6	11.2	10.9	10.4	10.0	9.6	9.3	9.0	8.8	8.8	9.0	9.4	10.0	10.9	11.6	12.2	12.5	12.6	12.6	12.8	12.9	12.8	12.6	12.3	11.0	8.8	12.9	4.1
5/16/07	12.0	11.8	11.4	11.1	10.7	10.3	10.0	9.7	9.5	9.5	9.7	10.1	10.8	11.5	12.3	12.8	13.0	13.0	13.0	13.2	13.1	12.9	12.6	12.3	11.5	9.5	13.2	3.7
5/17/07	11.9	11.5	11.1	10.6	10.1	9.7	9.3	9.0	8.8	8.8	9.0	9.5	10.1	10.9	11.7	12.2	12.4	12.5	12.6	12.8	12.8	12.7	12.4	12.0	11.0	8.8	12.8	4.0
5/18/07	11.6	11.2	10.8	10.3	9.8	9.5	9.2	8.9	8.8	8.8	9.0	9.5	10.2	11.0	11.8	12.4	12.6	12.7	12.8	13.0	13.0	12.8	12.5	12.1	11.0	8.8	13.0	4.2
5/19/07	11.8	11.4	10.9	10.4	10.0	9.5	9.1	8.8	8.6	8.6	8.8	9.2	9.8	10.6	11.5	12.2	12.5	12.6	12.8	13.0	13.1	12.9	12.6	12.3	11.0	8.6	13.1	4.4
5/20/07	12.0	11.7	11.3	10.8	10.4	10.0	9.7	9.5	9.4	9.3	9.4	9.9	10.5	11.3	12.1	12.6	12.8	12.8	12.8	12.8	12.8	12.7	12.4	12.2	11.3	9.3	12.8	3.5
5/21/07	11.8	11.5	11.1	10.7	10.4	10.0	9.6	9.3	9.1	9.1	9.3	9.7	10.3	11.2	12.0	12.6	12.8	12.8	12.8	12.9	12.8	12.6	12.2	11.8	11.2	9.1	12.9	3.8
5/22/07	11.5	11.1	10.6	10.1	9.6	9.2	8.7	8.4	8.2	8.1	8.2	8.6	9.3	10.0	10.7	11.2	11.4	11.4	11.4	11.6	11.7	11.5	11.2	10.8	10.2	8.1	11.7	3.6
5/23/07	10.5	10.1	9.7	9.3	9.0	8.6	8.4	8.1	8.0	8.0	8.1	8.3	8.9	9.6	10.4	11.0	11.2	11.3	11.4	11.5	11.6	11.5	11.2	10.9	9.9	8.0	11.6	3.6
5/24/07	10.6	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.5	8.6	8.8	9.2	9.8	10.6	11.3	11.8	12.0	12.0	12.1	12.2	12.2	12.1	11.9	11.5	10.5	8.5	12.2	3.7
5/25/07	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.1	8.9	8.9	9.1	9.6	10.2	10.9	11.6	12.2	12.4	12.4	12.5	12.7	12.8	12.7	12.5	12.2	10.9	8.9	12.8	3.9
5/26/07	11.9	11.6	11.3	11.0	10.6	10.2	9.9	9.6	9.5	9.5	9.6	10.1	10.7	11.5	12.2	12.8	13.0	13.0	13.0	13.2	13.3	13.2	13.0	12.7	11.5	9.5	13.3	3.8
5/27/07	12.4	12.1	11.8	11.5	11.1	10.7	10.4	10.1	9.9	9.9	10.1	10.5	11.2	11.9	12.7	13.3	13.5	13.5	13.5	13.6	13.6	13.5	13.2	12.9	12.0	9.9	13.6	3.7
5/28/07	12.6	12.3	11.9	11.6	11.3	10.9	10.5	10.2	10.0	10.0	10.1	10.5	11.2	12.0	12.7	13.2	13.4	13.4	13.4	13.5	13.5	13.4	13.2	13.0	12.0	10.0	13.5	3.5
5/29/07	12.7	12.4	12.1	11.8	11.4	11.0	10.6	10.2	9.9	9.8	10.0	10.4	11.1	12.0	12.9	13.5	13.7	13.7	13.7	13.9	14.0	13.9	13.7	13.5	12.2	9.8	14.0	4.2
5/30/07	13.2	12.9	12.6	12.3	12.0	11.6	11.3	11.0	10.8	10.7	10.8	11.3	11.9	12.7	13.4	14.5	14.0	13.9	13.9	13.9	14.0	13.8	13.6	13.4	12.7	10.7	14.5	3.8
5/31/07	13.1	12.9	12.6	12.2	11.9	11.5	11.2	11.0	10.8	10.7	10.9	11.4	12.0	12.8	13.6	14.1	14.3	14.3	14.3	14.5	14.5	14.5	14.2	14.0	12.8	10.7	14.5	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	5.9	Minimum	4.6
Mean Daily Mean	10.2	Mean Minimum	8.2
Maximum Daily Mean	12.8		
		Maximum	14.5
Minumum Range	2.4	Mean Maximum	12.0
Maximum Range	5.2		
		Mean Range	3.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Salt Springs Road
Station BR2
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	13.7	13.4	13.1	12.8	12.5	12.1	11.8	11.5	11.4	11.3	11.4	11.8	12.3	12.9	13.6	14.3	14.5	14.4	14.4	14.5	14.5	14.4	14.1	13.9	13.1	11.3	14.5	3.2
6/2/07	13.7	13.4	13.2	12.9	12.6	12.2	11.9	11.7	11.5	11.4	11.5	12.0	12.7	13.5	14.3	14.7	14.9	14.7	14.7	14.7	14.7	14.6	14.3	14.1	13.3	11.4	14.9	3.5
6/3/07	13.8	13.4	13.1	12.8	12.5	12.2	11.8	11.5	11.3	11.2	11.3	11.7	12.3	13.1	13.7	14.2	14.3	14.3	14.2	14.2	14.3	14.2	14.1	14.0	13.1	11.2	14.3	3.1
6/4/07	13.8	13.5	13.3	13.1	12.9	12.7	12.6	12.4	12.3	12.3	12.4	12.7	13.3	13.9	14.5	14.8	14.9	14.7	14.5	14.4	14.3	14.1	13.9	13.7	13.5	12.3	14.9	2.6
6/5/07	13.5	13.2	13.0	12.8	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.6	11.5	11.5	11.5	11.6	11.7	11.5	11.3	11.2	11.1	10.9	10.8	10.6	11.9	10.6	13.5	2.8
6/6/07	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.9	8.8	8.8	9.0	9.4	9.7	10.1	10.2	10.1	9.8	9.6	9.5	9.5	9.4	9.3	9.1	9.5	8.8	10.4	1.6
6/7/07	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.4	7.3	7.3	7.5	8.1	8.8	9.6	10.5	11.0	11.2	11.1	10.9	11.0	11.1	11.1	11.1	11.0	9.3	7.3	11.2	3.9
6/8/07	10.8	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.2	9.1	9.3	9.8	10.4	11.3	12.1	12.6	12.7	12.5	12.3	12.4	12.4	12.4	12.3	12.2	11.0	9.1	12.7	3.5
6/9/07	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.8	10.7	10.7	10.9	11.4	12.1	12.8	13.4	13.7	13.9	13.7	13.4	13.4	13.4	13.4	13.3	13.2	12.3	10.7	13.9	3.2
6/10/07	13.0	12.8	12.5	12.3	12.0	11.8	11.6	11.6	11.6	11.6	11.8	12.3	12.9	13.6	14.3	14.7	14.8	14.6	14.3	14.1	14.1	14.0	14.0	13.9	13.1	11.6	14.8	3.2
6/11/07	13.7	13.5	13.3	13.0	12.8	12.5	12.3	12.2	12.1	12.1	12.2	12.8	13.5	14.3	15.0	15.5	15.5	15.2	14.8	14.6	14.5	14.4	14.4	14.2	13.7	12.1	15.5	3.4
6/12/07	14.1	13.9	13.7	13.4	13.1	12.8	12.6	12.4	12.3	12.3	12.5	13.1	13.9	14.6	15.3	15.8	15.9	15.6	15.1	14.9	14.9	14.8	14.7	14.6	14.0	12.3	15.9	3.6
6/13/07	14.5	14.3	14.0	13.8	13.5	13.3	13.1	12.9	12.8	12.9	13.1	13.7	14.4	15.2	15.9	16.4	16.4	16.1	15.8	15.6	15.5	15.4	15.4	15.3	14.6	12.8	16.4	3.6
6/14/07	15.2	15.0	14.7	14.4	14.1	13.8	13.6	13.4	13.3	13.3	13.5	14.2	14.9	15.6	16.4	16.9	17.0	16.7	16.3	16.1	16.0	15.9	15.8	15.7	15.1	13.3	17.0	3.7
6/15/07	15.5	15.3	15.1	14.8	14.5	14.2	13.9	13.7	13.5	13.6	13.8	14.5	15.2	16.0	16.6	17.1	17.2	16.9	16.5	16.3	16.1	16.1	16.0	15.9	15.3	13.5	17.2	3.6
6/16/07	15.7	15.6	15.3	15.1	14.8	14.5	14.2	14.0	13.9	13.9	14.1	14.8	15.5	16.2	16.9	17.3	17.3	17.0	16.5	16.2	16.0	15.9	15.8	15.6	15.5	13.9	17.3	3.4
6/17/07	15.4	15.2	14.9	14.6	14.2	13.9	13.6	13.3	13.1	13.1	13.3	14.0	14.7	15.5	16.1	16.6	16.7	16.4	16.0	15.7	15.6	15.5	15.4	15.3	14.9	13.1	16.7	3.6
6/18/07	15.2	15.0	14.8	14.6	14.3	14.0	13.7	13.4	13.3	13.3	13.5	14.2	15.0	15.8	16.5	17.0	17.1	16.8	16.4	16.2	16.1	16.0	15.9	15.7	15.2	13.3	17.1	3.8
6/19/07	15.6	15.4	15.2	15.0	14.7	14.4	14.2	14.0	13.9	13.9	14.2	14.7	15.4	16.2	16.9	17.3	17.4	17.1	16.6	16.4	16.2	16.1	16.0	15.9	15.5	13.9	17.4	3.5
6/20/07	15.8	15.6	15.4	15.2	14.9	14.6	14.3	14.1	13.9	13.9	14.0	14.6	15.3	15.9	16.6	17.0	17.0	16.7	16.2	15.9	15.7	15.6	15.4	15.3	15.4	13.9	17.0	3.1
6/21/07	15.1	14.9	14.7	14.4	14.1	13.7	13.4	13.1	12.9	12.9	13.1	13.8	14.5	15.4	16.1	16.5	16.6	16.3	15.8	15.6	15.4	15.3	15.2	15.1	14.7	12.9	16.6	3.7
6/22/07	14.9	14.7	14.5	14.1	13.7	13.4	13.0	12.7	12.6	12.5	12.7	13.5	14.3	15.1	15.8	16.3	16.4	16.1	15.7	15.3	15.1	15.0	14.9	14.8	14.5	12.5	16.4	3.9
6/23/07	14.6	14.4	14.1	13.8	13.4	13.1	12.8	12.5	12.4	12.4	12.6	13.3	14.1	14.8	15.6	16.0	16.1	15.8	15.2	14.9	14.7	14.5	14.4	14.2	14.2	12.4	16.1	3.7
6/24/07	14.0	13.8	13.5	13.2	12.9	12.6	12.3	12.1	11.9	11.9	12.0	12.7	13.4	14.1	14.8	15.2	15.3	15.0	14.5	14.2	14.0	13.8	13.7	13.6	13.5	11.9	15.3	3.4
6/25/07	13.5	13.3	13.1	12.8	12.5	12.2	11.9	11.7	11.5	11.5	11.7	12.4	13.2	14.0	14.8	15.3	15.5	15.2	14.8	14.5	14.4	14.3	14.3	14.2	13.4	11.5	15.5	3.9
6/26/07	14.1	14.0	13.9	13.7	13.5	13.2	13.0	12.8	12.7	12.7	12.9	13.6	14.4	15.1	15.8	16.3	16.4	16.1	15.7	15.4	15.1	15.0	14.8	14.7	14.4	12.7	16.4	3.7
6/27/07	14.6	14.4	14.3	14.0	13.8	13.5	13.3	13.1	12.9	12.9	13.1	13.9	14.6	15.4	16.1	18.7	16.6	16.4	15.9	15.5	15.4	15.2	15.1	15.1	14.7	12.9	18.7	5.8
6/28/07	14.9	14.8	14.6	14.3	14.1	13.8	13.5	13.2	13.0	13.0	13.2	13.7	14.4	15.2	16.0	16.5	16.6	16.3	15.8	15.5	15.3	15.2	15.1	15.1	14.7	13.0	16.6	3.6
6/29/07	14.9	14.8	14.6	14.3	14.1	13.8	13.5	13.3	13.2	13.1	13.3	13.9	14.6	15.4	16.1	16.6	16.7	16.5	16.1	15.8	15.7	15.5	15.4	15.4	14.9	13.1	16.7	3.6
6/30/07	15.3	15.1	15.0	14.8	14.5	14.3	14.0	13.8	13.7	13.7	13.8	14.4	15.1	16.0	16.8	17.3	17.5	17.2	16.7	16.4	16.2	16.1	16.0	15.9	15.4	13.7	17.5	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	9.3	Minimum	7.3
Mean Daily Mean	13.8	Mean Minimum	12.1
Maximum Daily Mean	15.5		
		Maximum	18.7
Minumum Range	1.6	Mean Maximum	15.6
Maximum Range	5.8		
		Mean Range	3.5
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Salt Springs Road
Station BR2
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	15.7	15.6	15.3	15.1	14.7	14.4	14.1	13.9	13.8	13.8	13.9	14.5	15.1	15.9	16.6	17.2	17.3	16.9	16.3	16.0	15.9	15.7	15.5	15.3	15.3	13.8	17.3	3.5
7/2/07	15.1	14.8	14.4	14.1	13.7	13.4	13.1	12.9	12.8	12.8	13.0	13.6	14.4	15.2	15.9	16.5	16.6	16.4	15.9	15.7	15.6	15.6	15.5	15.4	14.7	12.8	16.6	3.8
7/3/07	15.3	15.1	14.9	14.7	14.5	14.2	14.0	13.8	13.6	13.6	13.7	14.4	15.3	16.1	16.9	17.6	17.8	17.7	17.3	16.9	16.6	16.5	16.3	16.3	15.5	13.6	17.8	4.2
7/4/07	16.2	16.2	16.1	16.0	15.8	15.6	15.4	15.2	15.0	14.9	15.0	15.6	16.4	17.3	18.1	18.8	19.0	18.9	18.5	18.1	17.9	17.7	17.6	17.5	16.8	14.9	19.0	4.1
7/5/07	17.4	17.2	17.0	16.7	16.4	16.1	15.8	15.6	15.3	15.3	15.3	15.9	16.8	17.6	18.4	19.0	19.2	19.1	18.8	18.5	18.3	18.1	18.0	17.9	17.2	15.3	19.2	3.9
7/6/07	17.7	17.6	17.5	17.3	17.1	16.9	16.7	16.5	16.5	16.5	16.6	17.1	17.7	18.4	19.1	19.7	19.8	19.6	19.2	18.9	18.6	18.3	18.2	18.1	17.9	16.5	19.8	3.3
7/7/07	17.9	17.8	17.6	17.4	17.2	16.9	16.7	16.4	16.2	16.1	16.2	16.6	17.3	18.0	18.7	19.2	19.4	19.2	18.8	18.4	18.0	17.8	17.6	17.5	17.6	16.1	19.4	3.3
7/8/07	17.3	17.1	16.9	16.6	16.3	16.0	15.7	15.5	15.3	15.2	15.3	15.8	16.4	17.1	17.8	18.3	18.6	18.4	18.1	17.8	17.6	17.4	17.3	17.2	16.9	15.2	18.6	3.3
7/9/07	17.2	17.1	17.0	16.9	16.8	16.6	16.4	16.3	16.1	16.0	16.1	16.5	17.1	17.8	18.5	19.1	19.3	19.1	18.8	18.4	18.1	17.8	17.7	17.5	17.4	16.0	19.3	3.2
7/10/07	17.5	17.4	17.3	17.2	17.1	16.9	16.7	16.5	16.4	16.3	16.4	16.8	17.4	18.1	18.7	18.6	18.6	18.4	18.2	18.0	17.8	17.8	17.7	17.5	17.5	16.3	18.7	2.4
7/11/07	17.4	17.2	17.1	17.0	16.9	16.7	16.6	16.5	16.4	16.4	16.4	16.8	17.4	18.0	18.7	19.2	19.4	19.1	18.6	18.2	17.8	17.6	17.4	17.3	17.5	16.4	19.4	3.0
7/12/07	17.2	17.0	16.9	16.8	16.6	16.4	16.2	16.0	15.8	15.7	15.8	16.2	16.8	17.6	18.2	18.8	19.0	18.8	18.4	17.9	17.6	17.3	17.2	17.0	17.1	15.7	19.0	3.3
7/13/07	16.9	16.8	16.7	16.6	16.4	16.2	15.9	15.7	15.5	15.4	15.4	15.9	16.6	17.3	18.1	18.7	18.9	18.6	18.2	17.8	17.5	17.2	17.0	16.9	16.9	15.4	18.9	3.5
7/14/07	16.8	16.7	16.6	16.4	16.3	16.1	15.9	15.7	15.5	15.4	15.5	16.0	16.7	17.4	18.2	18.8	19.0	18.7	18.4	18.0	17.7	17.4	17.3	17.1	17.0	15.4	19.0	3.6
7/15/07	17.0	16.9	16.8	16.7	16.6	16.4	16.2	16.0	15.8	15.7	15.8	16.3	17.0	17.7	18.3	18.7	18.8	18.5	18.1	17.7	17.4	17.1	17.0	16.8	17.1	15.7	18.8	3.0
7/16/07	16.7	16.6	16.5	16.3	16.2	16.0	15.9	15.7	15.6	15.5	15.6	16.1	16.8	17.5	18.2	18.7	18.9	18.6	18.2	17.8	17.4	17.1	16.9	16.7	16.9	15.5	18.9	3.3
7/17/07	16.6	16.4	16.3	16.2	16.0	15.8	15.6	15.4	15.3	15.3	15.4	15.8	16.5	17.2	17.9	18.4	18.6	18.3	17.9	17.4	17.1	16.8	16.6	16.4	16.6	15.3	18.6	3.3
7/18/07	16.3	16.1	16.0	15.8	15.6	15.3	15.1	14.9	14.7	14.7	15.0	15.4	15.9	16.2	16.7	17.3	17.3	17.2	17.0	16.7	16.5	16.3	16.2	16.1	16.0	14.7	17.3	2.6
7/19/07	15.9	15.8	15.6	15.4	15.2	14.9	14.7	14.5	14.4	14.3	14.4	14.9	15.6	16.4	17.0	17.6	17.8	17.5	17.1	16.6	16.3	16.0	15.8	15.6	15.8	14.3	17.8	3.4
7/20/07	15.5	15.4	15.2	15.1	15.0	14.8	14.6	14.4	14.2	14.1	14.2	14.7	15.3	16.1	16.9	17.4	17.6	17.3	16.9	16.4	16.1	15.8	15.6	15.5	15.6	14.1	17.6	3.5
7/21/07	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.2	14.1	14.0	14.1	14.6	15.3	16.1	16.8	17.4	17.7	17.5	17.1	16.7	16.4	16.1	16.0	15.9	15.6	14.0	17.7	3.7
7/22/07	15.8	15.7	15.6	15.5	15.3	15.1	15.0	14.8	14.6	14.6	14.7	15.2	15.9	16.7	17.5	18.1	18.3	18.1	17.7	17.3	17.0	16.8	16.6	16.6	16.2	14.6	18.3	3.7
7/23/07	16.5	16.4	16.3	16.1	15.9	15.7	15.5	15.3	15.2	15.1	15.2	15.7	16.3	16.6	17.2	17.8	17.9	17.9	17.7	17.4	17.2	17.0	16.9	16.9	16.5	15.1	17.9	2.7
7/24/07	16.9	16.8	16.8	16.8	16.7	16.7	16.6	16.6	16.6	16.6	16.8	17.0	17.3	17.7	18.4	18.4	18.4	18.5	18.3	18.0	17.8	17.6	17.5	17.3	17.3	16.6	18.5	1.9
7/25/07	17.2	17.2	17.1	17.0	16.9	16.8	16.7	16.5	16.4	16.3	16.4	16.8	17.5	18.2	18.9	19.5	19.7	19.6	18.9	18.5	18.1	17.8	17.6	17.5	17.6	16.3	19.7	3.3
7/26/07	17.3	17.2	17.1	16.9	16.7	16.5	16.3	16.1	15.9	15.8	15.9	16.4	17.0	17.8	18.5	19.1	19.2	18.9	18.5	18.1	17.7	17.4	17.2	17.0	17.3	15.8	19.2	3.4
7/27/07	16.9	16.7	16.6	16.4	16.1	15.9	15.7	15.5	15.3	15.3	15.4	15.8	16.4	17.2	17.9	18.5	18.6	18.3	17.8	17.4	17.1	16.9	16.8	16.6	16.7	15.3	18.6	3.4
7/28/07	16.5	16.3	16.1	16.0	15.7	15.5	15.2	14.9	14.7	14.6	14.7	15.2	15.8	16.6	17.3	17.8	18.0	17.7	17.2	16.8	16.5	16.3	16.1	16.0	16.1	14.6	18.0	3.4
7/29/07	15.9	15.8	15.6	15.5	15.3	15.1	14.8	14.6	14.4	14.4	14.5	15.0	15.6	16.4	17.1	17.6	17.8	17.4	16.9	16.5	16.3	16.1	16.0	15.9	15.8	14.4	17.8	3.4
7/30/07	15.7	15.6	15.4	15.3	15.0	14.8	14.6	14.4	14.2	14.1	14.3	14.8	15.4	16.3	17.0	17.5	17.7	17.4	17.0	16.6	16.3	16.1	16.0	15.9	15.7	14.1	17.7	3.6
7/31/07	15.8	15.7	15.5	15.4	15.1	14.9	14.6	14.3	14.1	14.1	14.2	14.7	15.3	16.1	16.9	17.4	17.5	17.3	16.9	16.6	16.4	16.3	16.2	16.1	15.7	14.1	17.5	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	14.7	Minimum	12.8
Mean Daily Mean	16.6	Mean Minimum	15.1
Maximum Daily Mean	17.9		
		Maximum	19.8
Minumum Range	1.9	Mean Maximum	18.4
Maximum Range	4.2		
		Mean Range	3.3
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Salt Springs Road
Station BR2
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	16.1	16.0	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.7	14.9	15.3	16.0	16.7	17.4	17.9	18.1	17.9	17.5	17.1	16.8	16.6	16.4	16.3	16.2	14.7	18.1	3.4
8/2/07	16.2	16.2	16.1	15.9	15.7	15.5	15.3	15.1	15.1	15.1	15.2	15.7	16.2	16.9	17.6	17.9	18.2	18.0	17.5	17.2	16.9	16.7	16.5	16.3	16.4	15.1	18.2	3.1
8/3/07	16.2	16.1	15.9	15.7	15.6	15.3	15.1	14.9	14.8	14.7	14.8	15.2	15.8	16.6	17.3	17.8	18.0	17.7	17.2	16.8	16.5	16.2	16.0	15.8	16.1	14.7	18.0	3.3
8/4/07	15.7	15.5	15.3	15.1	14.9	14.7	14.4	14.2	14.0	13.9	14.0	14.5	15.1	15.9	16.6	17.2	17.3	17.1	16.6	16.2	15.9	15.6	15.4	15.3	15.4	13.9	17.3	3.4
8/5/07	15.1	15.0	14.9	14.7	14.5	14.3	14.1	13.9	13.7	13.7	13.7	14.1	14.7	15.4	16.1	16.6	16.7	16.5	16.0	15.6	15.3	15.1	15.0	14.9	15.0	13.7	16.7	3.0
8/6/07	14.7	14.6	14.4	14.1	13.9	13.7	13.4	13.2	13.0	12.9	13.0	13.4	14.0	14.8	15.5	16.0	16.1	15.9	15.4	15.0	14.7	14.5	14.4	14.3	14.4	12.9	16.1	3.2
8/7/07	14.2	14.0	13.9	13.7	13.6	13.4	13.2	12.9	12.8	12.7	12.8	13.2	13.8	14.6	15.4	16.0	16.1	15.9	15.5	15.1	14.8	14.6	14.5	14.5	14.2	12.7	16.1	3.4
8/8/07	14.4	14.3	14.2	14.1	13.9	13.8	13.6	13.4	13.3	13.2	13.3	13.7	14.3	15.1	15.9	16.5	16.7	16.5	16.1	15.7	15.5	15.3	15.2	15.1	14.7	13.2	16.7	3.5
8/9/07	15.0	14.9	14.8	14.7	14.6	14.4	14.1	13.9	13.8	13.7	13.8	14.2	14.7	15.5	16.2	16.7	16.8	16.6	16.2	15.7	15.4	15.1	14.9	14.7	15.0	13.7	16.8	3.1
8/10/07	14.6	14.4	14.3	14.1	13.9	13.7	13.5	13.3	13.2	13.1	13.2	13.6	14.2	15.2	16.0	16.6	16.6	16.2	15.6	15.2	15.0	14.9	14.7	14.6	14.6	13.1	16.6	3.5
8/11/07	14.5	14.4	14.3	14.2	14.0	13.8	13.6	13.4	13.3	13.2	13.4	13.8	14.5	15.4	16.2	16.7	16.7	16.3	15.7	15.3	15.0	14.7	14.6	14.4	14.6	13.2	16.7	3.5
8/12/07	14.3	14.2	14.1	14.0	13.9	13.7	13.6	13.5	13.4	13.4	13.6	14.0	14.7	15.5	16.3	16.8	16.8	16.3	15.7	15.4	15.1	14.9	14.8	14.7	14.7	13.4	16.8	3.4
8/13/07	14.6	14.5	14.4	14.3	14.1	13.9	13.7	13.5	13.4	13.3	13.5	13.9	14.7	15.5	16.3	16.9	16.8	16.4	15.9	15.5	15.3	15.1	15.0	14.9	14.8	13.3	16.9	3.6
8/14/07	14.8	14.8	14.7	14.5	14.4	14.3	14.1	13.9	13.8	13.7	13.9	14.3	15.1	16.0	16.7	17.3	17.2	16.7	16.2	15.8	15.6	15.4	15.2	15.2	15.1	13.7	17.3	3.6
8/15/07	15.1	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.3	14.3	14.5	14.8	15.6	16.5	17.3	17.8	17.7	17.2	16.7	16.3	16.1	15.9	15.8	15.7	15.6	14.3	17.8	3.5
8/16/07	15.6	15.5	15.5	15.3	15.2	15.0	14.8	14.7	14.6	14.5	14.7	15.1	15.8	16.7	17.4	17.9	17.8	17.3	16.7	16.3	16.0	15.8	15.6	15.5	15.8	14.5	17.9	3.4
8/17/07	15.4	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.3	14.2	14.4	14.8	15.6	16.4	17.2	17.7	17.6	17.1	16.4	16.0	15.6	15.3	15.0	14.9	15.5	14.2	17.7	3.5
8/18/07	14.7	14.6	14.5	14.4	14.2	14.1	13.9	13.8	13.6	13.6	13.7	14.1	14.9	15.7	16.4	16.9	16.8	16.3	15.6	15.2	14.9	14.7	14.5	14.4	14.8	13.6	16.9	3.3
8/19/07	14.2	14.1	14.0	13.8	13.6	13.4	13.2	13.0	12.9	12.9	13.0	13.4	14.2	15.0	15.7	16.2	16.2	15.7	15.1	14.8	14.6	14.4	14.2	14.2	14.2	12.9	16.2	3.3
8/20/07	14.1	14.0	13.9	13.8	13.6	13.5	13.3	13.1	12.9	12.9	13.0	13.5	14.3	15.1	16.0	16.5	16.5	16.1	15.6	15.3	15.1	15.0	14.9	14.9	14.4	12.9	16.5	3.6
8/21/07	14.8	14.8	14.7	14.6	14.5	14.4	14.3	14.1	14.0	14.0	14.1	14.6	15.4	16.3	17.1	17.6	17.7	17.2	16.7	16.4	16.2	16.1	16.0	15.9	15.5	14.0	17.7	3.7
8/22/07	15.9	15.8	15.8	15.7	15.5	15.4	15.2	15.1	15.0	14.9	15.0	15.5	16.3	17.1	17.9	18.7	18.4	17.9	17.4	17.1	16.8	16.7	16.6	16.6	16.3	14.9	18.7	3.8
8/23/07	16.5	16.4	16.3	16.2	16.1	15.9	15.8	15.6	15.5	15.4	15.5	15.9	16.7	17.5	18.3	18.7	18.7	18.3	17.7	17.4	17.2	17.0	16.9	16.9	16.8	15.4	18.7	3.3
8/24/07	16.8	16.7	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.4	15.5	15.9	16.6	17.4	18.2	18.7	18.7	18.3	17.7	17.4	17.2	17.0	16.9	16.8	16.8	15.4	18.7	3.3
8/25/07	16.7	16.6	16.4	16.3	16.1	15.9	15.7	15.5	15.4	15.3	15.4	15.8	16.5	17.3	18.0	18.5	18.5	18.0	17.5	17.2	17.0	16.9	16.8	16.7	16.7	15.3	18.5	3.2
8/26/07	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.6	15.5	15.4	15.5	15.8	16.5	17.3	18.1	18.5	18.4	17.9	17.4	17.0	16.8	16.6	16.5	16.4	16.6	15.4	18.5	3.1
8/27/07	16.3	16.3	16.2	16.1	15.9	15.8	15.6	15.5	15.4	15.4	15.4	15.9	16.5	17.3	18.1	18.6	18.5	18.0	17.5	17.2	17.0	16.8	16.7	16.7	16.6	15.4	18.6	3.2
8/28/07	16.6	16.5	16.5	16.4	16.3	16.2	16.1	16.0	15.9	15.9	15.9	16.3	17.0	17.8	17.7	17.7	17.6	17.3	17.2	17.0	16.9	16.8	16.7	16.6	16.7	15.9	17.8	1.9
8/29/07	16.5	16.5	16.3	16.2	16.1	15.9	15.8	15.7	15.6	15.5	15.7	16.1	16.8	17.6	18.4	18.9	18.9	18.4	17.9	17.6	17.4	17.2	17.1	17.0	16.9	15.5	18.9	3.4
8/30/07	16.9	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.4	16.4	16.6	16.8	17.4	18.1	18.8	19.3	19.3	18.9	18.3	18.0	17.8	17.6	17.5	17.4	17.4	16.3	19.3	3.0
8/31/07	17.3	17.2	17.1	17.0	16.9	16.8	16.7	16.6	16.5	16.6	16.7	16.8	17.0	17.3	17.8	18.0	18.2	17.9	17.9	17.8	17.7	17.5	17.4	17.3	17.3	16.5	18.2	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	14.2	Minimum	12.7
Mean Daily Mean	15.7	Mean Minimum	14.3
Maximum Daily Mean	17.4		
		Maximum	19.3
Minumum Range	1.6	Mean Maximum	17.6
Maximum Range	3.8		
		Mean Range	3.3
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Bear River below Salt Springs Road
Station BR2
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	17.2	17.1	17.0	16.9	16.7	16.6	16.5	16.4	16.3	16.3	16.4	16.7	17.3	18.1	18.8	19.3	19.3	18.7	18.1	17.8	17.5	17.2	17.0	16.8	17.3	16.3	19.3	3.0
9/2/07	16.7	16.5	16.4	16.3	16.2	16.0	15.9	15.8	15.7	15.7	15.8	16.2	16.8	17.5	18.4	18.8	18.7	18.1	17.5	17.1	16.8	16.6	16.4	16.3	16.8	15.7	18.8	3.1
9/3/07	16.2	16.1	15.9	15.8	15.7	15.5	15.4	15.2	15.1	15.1	15.2	15.6	16.3	17.0	17.8	18.3	18.2	17.6	17.0	16.7	16.4	16.2	16.0	15.9	16.3	15.1	18.3	3.2
9/4/07	15.8	15.6	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.2	14.2	14.6	15.2	15.9	16.8	17.2	17.2	16.6	16.0	15.7	15.4	15.3	15.1	15.0	15.4	14.2	17.2	3.0
9/5/07	14.9	14.8	14.6	14.4	14.1	13.9	13.7	13.5	13.3	13.2	13.3	13.7	14.2	15.0	15.8	16.3	16.3	15.8	15.3	15.0	14.7	14.6	14.5	14.4	14.6	13.2	16.3	3.1
9/6/07	14.4	14.3	14.2	14.2	14.0	13.9	13.8	13.6	13.5	13.5	13.5	14.0	14.6	15.4	16.2	16.7	16.7	16.1	15.6	15.4	15.1	15.0	14.9	14.8	14.7	13.5	16.7	3.2
9/7/07	14.8	14.7	14.6	14.5	14.4	14.2	14.1	14.0	13.8	13.8	13.8	14.2	14.8	15.5	16.3	16.8	16.7	16.2	15.7	15.4	15.2	15.0	14.9	14.9	14.9	13.8	16.8	3.0
9/8/07	14.8	14.8	14.7	14.6	14.4	14.2	14.0	13.8	13.7	13.6	13.7	14.0	14.6	15.4	16.2	16.7	16.6	16.2	15.6	15.3	15.1	15.0	14.9	14.8	14.9	13.6	16.7	3.1
9/9/07	14.8	14.7	14.6	14.5	14.4	14.3	14.1	14.0	13.9	13.9	14.0	14.4	15.0	15.8	16.6	17.1	17.1	16.5	16.0	15.8	15.6	15.4	15.4	15.3	15.1	13.9	17.1	3.2
9/10/07	15.3	15.2	15.0	14.9	14.7	14.5	14.3	14.1	14.0	14.0	14.1	14.4	15.0	15.7	16.5	17.0	17.1	16.6	16.2	16.0	15.8	15.6	15.6	15.5	15.3	14.0	17.1	3.1
9/11/07	15.4	15.3	15.2	15.1	14.9	14.7	14.6	14.5	14.4	14.4	14.4	14.7	15.3	16.0	16.8	17.3	17.3	16.8	16.3	16.0	15.8	15.6	15.5	15.5	15.5	14.4	17.3	2.9
9/12/07	15.4	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.3	14.2	14.2	14.5	15.0	15.8	16.6	17.1	17.1	16.5	16.0	15.7	15.5	15.3	15.2	15.1	15.3	14.2	17.1	2.9
9/13/07	15.1	15.0	14.8	14.7	14.5	14.3	14.1	13.9	13.7	13.6	13.6	13.9	14.3	15.1	15.8	16.2	16.0	15.4	14.8	14.4	14.1	13.9	13.8	13.6	14.5	13.6	16.2	2.6
9/14/07	13.5	13.4	13.2	13.1	12.9	12.7	12.5	12.3	12.2	12.1	12.1	12.4	12.9	13.7	14.5	14.8	14.8	14.2	13.7	13.4	13.1	13.0	12.8	12.7	13.2	12.1	14.8	2.7
9/15/07	12.6	12.5	12.3	12.2	12.0	11.8	11.6	11.4	11.2	11.1	11.2	11.5	12.1	12.9	13.8	14.2	14.2	13.7	13.2	12.9	12.7	12.6	12.5	12.4	12.4	11.1	14.2	3.1
9/16/07	12.4	12.3	12.2	12.2	12.0	11.9	11.7	11.5	11.4	11.4	11.4	11.8	12.3	13.1	14.0	14.4	14.4	13.8	13.4	13.1	12.9	12.7	12.7	12.6	12.6	11.4	14.4	3.0
9/17/07	12.6	12.6	12.5	12.3	12.2	12.1	11.9	11.8	11.8	11.7	11.7	12.0	12.4	13.1	13.9	14.4	14.3	13.8	13.3	13.0	12.8	12.7	12.6	12.6	12.7	11.7	14.4	2.7
9/18/07	12.5	12.5	12.4	12.3	12.2	12.1	11.9	11.8	11.7	11.6	11.6	11.9	12.3	13.1	13.9	14.3	14.2	13.6	13.1	12.8	12.6	12.5	12.4	12.4	12.6	11.6	14.3	2.7
9/19/07	12.3	12.3	12.2	12.2	12.2	12.1	12.0	11.8	11.6	11.5	11.5	11.6	11.9	12.4	13.0	13.1	12.7	12.4	12.0	11.7	11.4	11.3	11.2	11.2	12.0	11.2	13.1	1.9
9/20/07	11.2	11.1	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.4	10.6	10.6	10.6	10.7	10.8	10.7	10.7	10.6	10.6	10.4	10.3	10.2	10.0	10.6	10.0	11.2	1.2
9/21/07	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.2	9.2	9.4	9.7	10.2	10.7	10.9	11.0	11.0	10.9	10.8	10.7	10.6	10.5	10.5	10.4	10.1	9.2	11.0	1.8
9/22/07	10.4	10.4	10.3	10.3	10.2	10.1	10.1	10.0	10.0	10.0	10.0	10.2	10.2	10.2	10.5	11.0	10.8	10.6	10.5	10.4	10.2	10.0	9.9	9.9	10.3	9.9	11.0	1.1
9/23/07	9.9	9.9	9.8	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.6	9.7	9.8	10.0	10.2	10.5	10.5	10.4	10.4	10.2	10.1	10.0	9.9	9.8	10.0	9.6	10.5	0.9
9/24/07	9.7	9.6	9.5	9.4	9.3	9.1	9.0	8.8	8.7	8.7	8.7	9.1	9.5	10.3	11.2	11.6	11.6	11.4	10.7	10.5	10.4	10.3	10.2	10.2	9.9	8.7	11.6	2.9
9/25/07	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.7	9.6	9.5	9.6	9.9	10.3	11.1	12.0	12.4	12.4	11.9	11.4	11.2	11.0	10.9	10.9	10.8	10.6	9.5	12.4	2.9
9/26/07	10.8	10.8	10.7	10.6	10.5	10.4	10.3	10.1	10.0	10.0	10.0	10.3	10.8	11.6	12.4	12.9	12.8	12.3	11.9	11.7	11.5	11.4	11.3	11.3	11.1	10.0	12.9	2.9
9/27/07	11.3	11.3	11.2	11.1	11.0	10.9	10.8	10.6	10.5	10.5	10.5	10.8	11.2	11.5	11.9	12.2	12.2	11.9	11.7	11.5	11.4	11.2	11.1	11.1	11.2	10.5	12.2	1.7
9/28/07	11.0	10.9	10.8	10.7	10.6	10.6	10.5	10.4	10.4	10.5	10.6	10.9	11.1	11.7	12.2	12.6	12.4	12.0	11.6	11.4	11.2	11.2	11.1	11.1	11.1	10.4	12.6	2.2
9/29/07	11.0	11.0	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.5	9.4	9.7	9.9	10.7	11.5	11.9	11.7	11.2	10.8	10.5	10.3	10.1	10.0	10.0	10.5	9.4	11.9	2.5
9/30/07	9.9	9.8	9.8	9.7	9.6	9.5	9.3	9.2	9.1	9.0	9.1	9.4	9.8	10.6	11.3	11.8	11.6	11.1	10.7	10.4	10.2	10.0	10.0	9.9	10.0	9.0	11.8	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	9.9	Minimum	8.7
Mean Daily Mean	13.0	Mean Minimum	12.0
Maximum Daily Mean	17.3		
		Maximum	19.3
Minumum Range	0.9	Mean Maximum	14.6
Maximum Range	3.2		
		Mean Range	2.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Tiger Creek Afterbay at Gage M-38
Station NFMR3
Hourly Temperature Recording (ºC)
April 2007

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
4/1/07	9.1	9.0	8.9	8.8	8.7	8.6	8.4	8.2	8.1	8.1	8.2	8.5	8.8	9.2	9.8	10.3	10.7	10.9	10.8	10.7	10.5	10.3	10.1	9.9	9.4	8.1	10.9	2.8
4/2/07	9.8	9.6	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.3	8.3	8.5	8.8	9.2	9.9	10.5	11.0	11.2	11.1	11.0	10.7	10.4	10.2	10.0	9.6	8.3	11.2	2.9
4/3/07	9.8	9.7	9.5	9.4	9.3	9.1	8.9	8.7	8.5	8.5	8.6	8.9	9.2	9.7	10.3	11.0	11.5	11.8	11.7	11.5	11.2	11.0	10.7	10.5	10.0	8.5	11.8	3.3
4/4/07	10.3	10.2	10.0	9.9	9.7	9.6	9.4	9.3	9.1	9.1	9.2	9.4	9.7	10.1	10.5	10.9	11.2	11.4	11.4	11.3	11.1	10.9	10.7	10.6	10.2	9.1	11.4	2.3
4/5/07	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.7	9.6	9.5	9.6	9.8	10.1	10.5	11.0	11.4	11.8	11.8	11.8	11.6	11.5	11.5	11.4	11.3	10.6	9.5	11.8	2.3
4/6/07	11.2	11.1	10.9	10.8	10.6	10.5	10.3	10.1	10.0	10.0	10.1	10.3	10.6	11.2	11.9	12.5	12.9	13.2	13.0	12.8	12.5	12.2	12.1	11.9	11.4	10.0	13.2	3.2
4/7/07	11.8	11.7	11.6	11.6	11.4	11.3	11.1	10.9	10.8	10.7	10.9	11.1	11.4	11.6	12.1	12.5	12.8	12.9	12.7	12.5	12.3	12.0	11.9	11.7	11.7	10.7	12.9	2.1
4/8/07	11.6	11.4	11.3	11.1	11.0	10.9	10.7	10.4	10.3	10.2	10.3	10.6	10.9	11.3	11.8	12.3	12.4	12.5	12.2	12.1	11.8	11.5	11.2	11.0	11.3	10.2	12.5	2.2
4/9/07	10.7	10.6	10.4	10.3	10.2	10.1	9.9	9.7	9.6	9.5	9.7	10.0	10.2	10.7	11.3	11.7	12.1	12.1	11.9	11.6	11.2	11.0	10.6	10.4	10.6	9.5	12.1	2.6
4/10/07	10.2	10.0	9.8	9.6	9.4	9.2	8.9	8.6	8.4	8.3	8.4	8.6	8.9	9.4	10.1	10.7	11.0	11.1	11.0	10.7	10.4	10.2	9.9	9.7	9.7	8.3	11.1	2.8
4/11/07	9.6	9.5	9.3	9.2	9.1	9.1	8.9	8.8	8.6	8.5	8.5	8.4	8.4	8.4	8.5	8.6	8.8	8.7	8.7	8.6	8.5	8.3	8.2	8.1	8.7	8.1	9.6	1.5
4/12/07	8.0	7.8	7.7	7.6	7.4	7.2	7.0	6.8	6.6	6.6	6.8	7.0	7.1	7.6	8.2	9.1	9.6	9.8	9.7	9.4	9.0	8.5	8.1	7.9	7.9	6.6	9.8	3.2
4/13/07	7.8	7.7	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.5	6.6	6.9	7.3	7.9	8.6	9.4	9.9	10.2	10.1	10.0	9.7	9.6	9.4	9.2	8.2	6.4	10.2	3.7
4/14/07	9.1	9.0	8.9	8.8	8.7	8.6	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.1	8.1	8.0	8.0	7.9	7.8	7.6	7.5	7.4	7.4	7.3	8.1	7.3	9.1	1.8
4/15/07	7.2	7.2	7.2	7.1	7.0	7.0	6.8	6.7	6.7	6.8	7.1	7.4	7.9	8.6	9.4	10.0	10.3	10.7	10.8	10.6	10.3	10.1	9.8	9.5	8.4	6.7	10.8	4.0
4/16/07	9.3	9.1	8.9	8.8	8.6	8.3	8.0	7.7	7.6	7.7	7.9	8.3	8.8	9.5	10.4	11.2	11.7	12.0	12.0	11.8	11.5	11.2	11.0	10.8	9.7	7.6	12.0	4.4
4/17/07	10.6	10.5	10.3	10.2	10.1	9.9	9.7	9.6	9.4	9.5	9.6	9.8	10.0	10.0	10.3	10.6	10.8	10.7	10.5	10.3	10.0	9.7	9.4	9.2	10.0	9.2	10.8	1.6
4/18/07	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	7.3	7.3	7.4	7.7	7.7	8.2	8.6	9.1	9.1	8.5	8.0	7.6	7.5	7.5	7.3	8.0	7.3	9.1	1.8
4/19/07	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.8	5.6	5.6	5.7	5.8	6.1	6.5	6.7	7.0	7.1	7.1	7.2	7.1	6.9	6.8	6.8	6.7	6.5	5.6	7.2	1.6
4/20/07	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.2	6.4	6.5	6.9	7.3	7.7	8.1	8.3	8.4	8.6	8.7	8.7	8.6	8.4	8.3	8.1	7.4	6.2	8.7	2.5
4/21/07	8.0	7.9	7.8	7.7	7.6	7.5	7.5	7.4	7.4	7.5	7.6	7.9	8.1	8.3	8.4	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.3	8.3	8.0	7.4	8.6	1.2
4/22/07	8.2	8.1	8.0	7.9	7.8	7.6	7.4	7.2	7.1	7.0	6.9	6.8	6.8	6.8	6.9	7.1	7.4	7.3	7.3	7.0	6.9	6.9	6.9	6.8	7.3	6.8	8.2	1.4
4/23/07	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	6.0	6.1	6.4	6.8	7.3	8.0	8.8	9.8	10.5	10.9	10.8	10.3	10.1	9.9	9.7	9.5	8.0	5.9	10.9	5.0
4/24/07	9.5	9.4	9.3	9.2	8.9	8.7	8.5	8.2	8.2	8.3	8.4	8.8	9.3	10.0	10.9	11.6	12.2	12.5	12.5	12.2	11.9	11.6	11.4	11.2	10.1	8.2	12.5	4.3
4/25/07	11.1	10.9	10.8	10.6	10.5	10.2	10.0	9.7	9.7	9.7	9.9	10.2	10.6	11.3	11.9	12.2	12.4	12.5	12.4	12.2	12.0	11.8	11.6	11.4	11.1	9.7	12.5	2.8
4/26/07	11.2	11.0	10.8	10.6	10.3	10.1	9.8	9.6	9.5	9.6	9.8	10.1	10.6	11.3	12.1	12.8	13.3	13.6	13.5	13.3	13.0	12.8	12.6	12.5	11.4	9.5	13.6	4.0
4/27/07	12.3	12.2	12.0	11.9	11.7	11.5	11.2	11.0	10.9	11.0	11.2	11.5	12.0	12.7	13.5	14.2	14.7	14.9	14.9	14.7	14.3	14.1	13.9	13.7	12.8	10.9	14.9	4.0
4/28/07	13.5	13.3	13.1	12.9	12.6	12.4	12.1	11.8	11.7	11.7	11.8	12.1	12.6	13.2	13.9	14.6	15.0	15.2	15.2	14.9	14.5	14.3	14.0	13.8	13.3	11.7	15.2	3.5
4/29/07	13.7	13.5	13.2	13.0	12.7	12.5	12.2	11.9	11.8	11.8	11.9	12.2	12.6	13.1	13.8	14.3	14.7	14.9	14.9	14.5	14.2	13.9	13.6	13.4	13.3	11.8	14.9	3.2
4/30/07	13.2	13.0	12.7	12.5	12.2	12.0	11.7	11.4	11.3	11.3	11.4	11.7	12.2	12.8	13.5	14.2	15.2	14.9	14.8	14.5	14.2	13.9	13.7	13.5	13.0	11.3	15.2	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	6.5	Minimum	5.6
Mean Daily Mean	9.9	Mean Minimum	8.6
Maximum Daily Mean	13.3		
		Maximum	15.2
Minumum Range	1.2	Mean Maximum	11.4
Maximum Range	5.0		
		Mean Range	2.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Tiger Creek Afterbay at Gage M-38
Station NFMR3
Hourly Temperature Recording (ºC)
May 2007

	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
5/1/07	13.3	13.1	12.9	12.7	12.5	12.2	12.0	11.7	11.5	11.4	11.6	11.9	12.3	13.0	13.6	14.1	14.4	14.4	14.3	14.0	13.8	13.5	13.2	13.0	12.9	11.4	14.4	3.0
5/2/07	12.8	12.7	12.5	12.3	12.2	12.0	11.8	11.6	11.4	11.2	11.1	11.0	10.9	10.8	10.6	10.4	10.2	10.2	10.0	9.7	9.5	9.3	9.1	8.9	10.9	8.9	12.8	3.9
5/3/07	8.7	8.6	8.4	8.2	8.0	7.8	7.6	7.5	7.5	7.6	7.7	8.2	8.5	9.1	9.3	9.5	9.6	9.7	9.6	9.6	9.5	9.4	9.2	9.0	8.7	7.5	9.7	2.2
5/4/07	8.9	8.7	8.6	8.4	8.2	8.1	7.9	7.8	7.7	7.7	7.6	7.7	7.8	8.0	8.5	8.8	9.0	9.1	9.1	9.0	8.8	8.6	8.4	8.2	8.4	7.6	9.1	1.5
5/5/07	8.0	7.9	7.9	7.8	7.7	7.6	7.4	7.2	7.2	7.3	7.6	8.1	8.6	9.4	10.2	10.9	11.4	11.7	11.7	11.4	11.0	10.8	10.5	10.3	9.2	7.2	11.7	4.5
5/6/07	10.1	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.9	7.9	8.1	8.5	9.1	9.8	10.6	11.4	12.0	12.3	12.4	12.1	11.8	11.6	11.4	11.2	10.0	7.9	12.4	4.5
5/7/07	11.0	10.8	10.7	10.5	10.3	10.1	9.8	9.6	9.5	9.6	9.9	10.3	10.9	11.7	12.6	13.4	14.0	14.3	14.4	14.2	13.9	13.7	13.5	13.4	11.8	9.5	14.4	4.9
5/8/07	13.2	13.0	12.8	12.6	12.4	12.1	11.8	11.6	11.4	11.5	11.7	12.1	12.6	13.4	14.1	14.8	15.4	15.7	15.6	15.3	15.0	14.7	14.4	14.2	13.4	11.4	15.7	4.3
5/9/07	14.0	13.8	13.5	13.3	13.0	12.7	12.5	12.2	12.0	12.0	12.3	12.6	13.2	13.9	14.6	15.3	16.0	16.1	16.0	15.7	15.4	15.1	14.8	14.6	13.9	12.0	16.1	4.1
5/10/07	14.4	14.1	13.9	13.6	13.4	13.1	12.8	12.5	12.3	12.3	12.5	12.8	13.4	14.1	14.8	15.5	15.9	16.2	16.1	15.7	15.4	15.1	14.8	14.6	14.1	12.3	16.2	3.8
5/11/07	14.3	14.1	13.8	13.6	13.3	13.0	12.7	12.4	12.2	12.2	12.4	12.8	13.3	14.0	14.6	15.3	15.7	15.9	15.9	15.6	15.2	15.0	14.7	14.4	14.0	12.2	15.9	3.7
5/12/07	14.2	13.9	13.7	13.4	13.2	12.9	12.6	12.3	12.1	12.2	12.4	12.7	13.2	13.8	14.5	15.1	15.6	15.8	15.7	15.3	14.9	14.5	14.4	14.0	13.8	12.1	15.8	3.6
5/13/07	13.6	13.3	13.1	12.8	12.5	12.2	11.9	11.6	11.4	11.4	11.6	12.0	12.4	13.1	13.8	14.4	14.9	15.2	15.1	14.9	14.5	14.3	14.0	13.8	13.2	11.4	15.2	3.8
5/14/07	13.6	13.4	13.1	12.9	12.6	12.3	12.1	11.8	11.6	11.7	11.9	12.3	12.9	13.6	14.3	15.1	15.6	15.9	16.0	15.7	15.4	15.2	14.9	14.7	13.7	11.6	16.0	4.4
5/15/07	14.5	14.3	14.1	13.8	13.5	13.3	13.0	12.7	12.5	12.6	12.8	13.2	13.7	14.3	15.0	15.6	16.2	16.4	16.4	16.1	15.8	15.6	15.3	15.1	14.4	12.5	16.4	3.9
5/16/07	14.9	14.7	14.5	14.2	14.0	13.8	13.5	13.2	13.1	13.1	13.3	13.7	14.2	14.9	15.6	16.3	16.8	17.0	17.0	16.7	16.4	16.1	15.7	15.5	14.9	13.1	17.0	3.9
5/17/07	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.9	12.9	13.1	13.4	13.9	14.6	15.3	15.9	16.4	16.6	16.6	16.3	15.9	15.6	15.3	15.0	14.7	12.9	16.6	3.7
5/18/07	14.8	14.5	14.3	14.0	13.7	13.4	13.0	12.8	12.6	12.7	12.9	13.3	13.7	14.4	15.1	15.7	16.2	16.4	16.4	16.1	15.8	15.6	15.2	15.0	14.5	12.6	16.4	3.8
5/19/07	14.7	14.5	14.2	13.9	13.6	13.3	13.0	12.7	12.5	12.6	12.8	13.2	13.8	14.5	15.3	15.9	16.5	16.8	16.7	16.5	16.1	15.8	15.6	15.3	14.6	12.5	16.8	4.3
5/20/07	15.1	14.9	14.6	14.3	14.1	13.8	13.5	13.3	13.1	13.2	13.4	13.8	14.3	15.0	15.7	16.3	16.8	17.1	17.0	16.7	16.3	16.0	15.7	15.4	15.0	13.1	17.1	4.0
5/21/07	15.2	14.9	14.7	14.4	14.2	13.9	13.5	13.2	13.1	13.2	13.4	13.8	14.3	15.0	15.7	16.4	16.9	17.2	17.1	16.8	16.4	16.0	15.6	15.3	15.0	13.1	17.2	4.1
5/22/07	15.0	14.7	14.4	14.0	13.6	13.3	12.9	12.6	12.4	12.5	12.7	13.1	13.6	14.2	14.9	15.5	16.0	16.2	16.2	15.9	15.5	15.2	14.8	14.5	14.3	12.4	16.2	3.8
5/23/07	14.2	13.9	13.6	13.3	12.9	12.7	12.4	12.3	12.2	12.3	12.3	12.5	13.1	13.9	14.6	15.3	15.8	16.1	16.1	15.8	15.4	15.1	14.8	14.4	14.0	12.2	16.1	3.8
5/24/07	14.2	13.9	13.7	13.4	13.2	12.9	12.6	12.4	12.2	12.3	12.6	13.0	13.6	14.2	14.9	15.6	16.2	16.5	16.6	16.4	16.0	15.7	15.4	15.1	14.3	12.2	16.6	4.4
5/25/07	14.9	14.6	14.4	14.1	13.9	13.6	13.3	13.0	12.9	13.0	13.3	13.7	14.3	14.9	15.5	16.1	16.6	16.8	16.8	16.7	16.5	16.3	16.0	15.7	14.9	12.9	16.8	3.9
5/26/07	15.5	15.2	15.0	14.7	14.4	14.1	13.9	13.6	13.5	13.6	13.9	14.3	14.9	15.5	16.3	16.9	17.4	17.8	17.8	17.6	17.3	17.0	16.7	16.4	15.6	13.5	17.8	4.3
5/27/07	16.1	15.9	15.6	15.3	15.1	14.8	14.5	14.2	14.1	14.2	14.5	14.9	15.4	16.1	16.8	17.4	17.9	18.2	18.3	18.1	17.7	17.4	17.1	16.7	16.1	14.1	18.3	4.2
5/28/07	16.5	16.2	16.0	15.7	15.4	15.1	14.8	14.5	14.4	14.5	14.8	15.2	15.7	16.3	17.0	17.6	18.1	18.3	18.3	18.1	17.9	17.6	17.3	17.0	16.3	14.4	18.3	3.9
5/29/07	16.8	16.5	16.3	16.1	15.8	15.5	15.2	15.0	14.7	14.7	14.9	15.2	15.7	16.2	16.8	17.4	18.0	18.4	18.6	18.5	18.2	17.9	17.7	17.4	16.6	14.7	18.6	3.9
5/30/07	17.2	17.0	16.7	16.5	16.3	16.0	15.7	15.5	15.3	15.3	15.5	15.8	16.2	16.8	17.3	18.0	18.4	18.7	18.8	18.7	18.5	18.2	17.9	17.6	17.0	15.3	18.8	3.5
5/31/07	17.3	17.0	16.7	16.3	16.0	15.7	15.5	15.2	15.0	15.0	15.4	15.8	16.4	17.0	17.7	18.3	18.8	19.1	19.1	18.9	18.6	18.3	18.0	17.7	17.0	15.0	19.1	4.1

*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	8.4	Minimum	7.2
Mean Daily Mean	13.8	Mean Minimum	11.9
Maximum Daily Mean	17.0		
		Maximum	19.1
Minumum Range	1.5	Mean Maximum	15.8
Maximum Range	4.9		
		Mean Range	3.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Tiger Creek Afterbay at Gage M-38
Station NFMR3
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	17.5	17.2	16.9	16.7	16.4	16.1	15.9	15.6	15.5	15.5	15.8	16.2	16.7	17.2	17.7	18.2	18.5	18.7	18.7	18.6	18.3	18.0	17.7	17.5	17.1	15.5	18.7	3.2
6/2/07	17.2	17.0	16.8	16.5	16.2	16.0	15.7	15.5	15.4	15.7	16.0	16.5	17.0	17.7	18.4	18.9	19.4	19.7	19.8	19.5	19.2	18.8	18.4	18.1	17.5	15.4	19.8	4.3
6/3/07	17.7	17.5	17.2	16.9	16.5	16.2	15.9	15.6	15.5	15.6	15.9	16.4	17.0	17.6	18.1	18.7	19.2	19.5	19.5	19.3	19.0	18.6	18.3	18.0	17.5	15.5	19.5	4.0
6/4/07	17.7	17.4	17.2	16.9	16.6	16.3	16.1	15.9	15.8	15.9	16.2	16.7	17.2	17.8	18.4	18.8	19.1	19.2	19.2	19.0	18.6	18.3	18.0	17.7	17.5	15.8	19.2	3.4
6/5/07	17.4	17.0	16.8	16.5	16.3	16.1	15.9	15.7	15.5	15.3	15.2	15.1	15.1	15.0	15.1	15.2	15.2	15.1	15.0	14.8	14.6	14.3	14.0	13.8	15.4	13.8	17.4	3.6
6/6/07	13.6	13.4	13.2	13.0	12.7	12.5	12.4	12.2	12.1	12.2	12.5	12.7	13.0	13.6	14.1	14.6	14.8	15.1	15.2	14.9	14.5	14.3	14.0	13.6	13.5	12.1	15.2	3.0
6/7/07	13.3	12.9	12.6	12.2	11.8	11.4	11.1	10.8	10.7	11.0	11.4	12.0	12.6	13.3	14.1	14.7	15.1	15.5	15.5	15.4	15.1	14.8	14.6	14.2	13.2	10.7	15.5	4.8
6/8/07	14.0	13.8	13.5	13.3	13.0	12.7	12.5	12.2	12.2	12.4	12.8	13.3	13.9	14.6	15.4	16.1	16.7	17.1	17.2	17.0	16.6	16.3	16.1	15.7	14.5	12.2	17.2	5.0
6/9/07	15.5	15.2	15.0	14.8	14.5	14.2	13.9	13.7	13.6	13.7	14.0	14.6	15.2	15.9	16.5	17.0	17.4	17.8	17.9	17.8	17.6	17.3	17.1	16.7	15.7	13.6	17.9	4.3
6/10/07	16.4	16.2	15.9	15.6	15.3	14.9	14.7	14.5	14.3	14.4	14.7	15.2	15.8	16.4	17.0	17.6	18.1	18.5	18.6	18.3	18.0	17.6	17.3	17.1	16.3	14.3	18.6	4.2
6/11/07	16.8	16.5	16.3	16.1	15.8	15.6	15.3	15.1	15.0	15.3	15.7	16.2	16.9	17.6	18.4	19.1	19.6	19.9	20.0	19.8	19.5	19.1	18.8	18.6	17.4	15.0	20.0	4.9
6/12/07	18.3	18.0	17.7	17.4	17.2	16.9	16.6	16.3	16.2	16.4	16.8	17.3	18.0	18.6	19.3	19.9	20.4	20.7	20.7	20.5	20.2	19.8	19.4	19.2	18.4	16.2	20.7	4.5
6/13/07	18.9	18.5	18.2	18.0	17.7	17.5	17.2	16.8	16.7	16.9	17.3	17.8	18.5	19.2	19.8	20.5	21.0	21.2	21.3	21.1	20.8	20.4	20.1	19.8	19.0	16.7	21.3	4.6
6/14/07	19.6	19.3	19.0	18.7	18.5	18.2	17.9	17.5	17.4	17.6	18.0	18.6	19.2	19.9	20.6	21.2	21.7	21.9	21.9	21.8	21.5	21.1	20.7	20.4	19.7	17.4	21.9	4.5
6/15/07	20.2	19.8	19.5	19.2	19.0	18.7	18.4	18.0	17.8	18.0	18.4	19.0	19.6	20.3	20.9	21.5	22.1	22.3	22.3	22.2	21.9	21.5	21.1	20.8	20.1	17.8	22.3	4.5
6/16/07	20.6	20.2	19.9	19.7	19.4	19.1	18.7	18.4	18.3	18.4	18.8	19.3	19.9	20.5	21.1	21.7	22.1	22.3	22.3	22.0	21.7	21.3	20.8	20.5	20.3	18.3	22.3	4.0
6/17/07	20.2	19.9	19.5	19.1	18.8	18.5	18.2	17.8	17.6	17.8	18.2	18.7	19.4	20.0	20.6	21.2	21.7	21.9	21.9	21.7	21.4	21.0	20.5	20.3	19.8	17.6	21.9	4.3
6/18/07	20.0	19.7	19.4	19.1	18.9	18.6	18.3	18.0	17.8	18.0	18.4	18.9	19.6	20.3	20.9	21.6	22.1	22.3	22.3	22.1	21.8	21.4	21.0	20.6	20.0	17.8	22.3	4.5
6/19/07	20.3	20.0	19.7	19.4	19.1	18.9	18.6	18.3	18.3	18.5	18.8	19.3	19.9	20.6	21.2	21.7	22.1	22.3	22.3	22.1	21.8	21.5	21.1	20.8	20.3	18.3	22.3	4.1
6/20/07	20.5	20.2	19.9	19.6	19.4	19.1	18.8	18.6	18.4	18.6	19.0	19.5	20.1	20.7	21.3	21.8	22.3	22.4	22.4	22.2	21.8	21.5	21.0	20.6	20.4	18.4	22.4	4.0
6/21/07	20.3	19.9	19.5	19.1	18.8	18.5	18.2	17.9	17.7	17.9	18.3	18.8	19.5	20.2	20.8	21.4	21.9	22.2	22.1	21.8	21.4	21.1	20.6	20.3	19.9	17.7	22.2	4.4
6/22/07	20.0	19.7	19.3	18.9	18.6	18.3	18.0	17.7	17.5	17.7	18.0	18.6	19.3	20.1	20.6	21.2	21.7	22.0	22.1	21.7	21.4	21.1	20.6	20.2	19.8	17.5	22.1	4.6
6/23/07	19.9	19.5	19.1	18.7	18.4	18.1	17.8	17.5	17.3	17.4	17.8	18.4	19.1	19.8	20.3	20.9	21.3	21.6	21.6	21.2	20.8	20.5	20.1	19.6	19.4	17.3	21.6	4.3
6/24/07	19.3	19.0	18.6	18.2	17.8	17.4	17.1	16.8	16.6	16.8	17.2	17.7	18.3	18.9	19.5	20.1	20.5	20.7	20.7	20.4	20.0	19.7	19.3	18.9	18.7	16.6	20.7	4.1
6/25/07	18.6	18.3	17.9	17.5	17.2	16.9	16.6	16.4	16.2	16.4	16.8	17.4	18.1	18.8	19.4	20.0	20.6	20.9	20.9	20.6	20.3	20.0	19.6	19.3	18.5	16.2	20.9	4.7
6/26/07	19.0	18.8	18.4	18.1	17.9	17.6	17.5	17.2	17.1	17.4	17.8	18.3	19.0	19.7	20.3	20.8	21.4	21.6	21.7	21.5	21.1	20.8	20.4	20.0	19.3	17.1	21.7	4.5
6/27/07	19.6	19.3	18.9	18.6	18.3	18.0	17.8	17.6	17.4	17.7	18.1	18.6	19.3	20.0	20.5	21.1	21.6	21.9	21.9	21.6	21.2	20.9	20.5	20.2	19.6	17.4	21.9	4.4
6/28/07	19.9	19.6	19.3	19.0	18.6	18.3	18.0	17.7	17.7	17.9	18.3	18.9	19.4	20.0	20.6	21.0	21.3	21.6	21.6	21.4	21.0	20.7	20.4	20.1	19.7	17.7	21.6	3.9
6/29/07	19.9	19.7	19.4	19.1	18.8	18.5	18.3	18.0	17.9	18.2	18.6	19.1	19.7	20.3	20.7	21.1	21.5	21.6	21.7	21.5	21.1	20.8	20.5	20.1	19.8	17.9	21.7	3.8
6/30/07	19.9	19.7	19.5	19.1	18.8	18.6	18.3	18.1	18.1	18.4	18.8	19.3	19.9	20.5	21.0	21.5	21.8	22.0	21.9	21.7	21.4	21.2	20.8	20.5	20.0	18.1	22.0	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	13.2	Minimum	10.7
Mean Daily Mean	18.3	Mean Minimum	16.2
Maximum Daily Mean	20.4		
		Maximum	22.4
Minumum Range	3.0	Mean Maximum	20.4
Maximum Range	5.0		
		Mean Range	4.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Tiger Creek Afterbay at Gage M-38
Station NFMR3
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	20.2	20.0	19.7	19.4	19.2	18.9	18.6	18.3	18.2	18.4	18.8	19.2	19.7	20.3	20.8	21.4	21.6	21.8	21.8	21.6	21.2	21.0	20.6	20.3	20.0	18.2	21.8	3.5
7/2/07	20.0	19.6	19.2	18.9	18.5	18.2	17.9	17.6	17.5	17.8	18.3	19.0	19.7	20.4	21.0	21.5	21.8	22.0	22.0	21.7	21.4	21.3	21.1	20.7	19.9	17.5	22.0	4.4
7/3/07	20.3	20.1	19.8	19.5	19.2	18.9	18.7	18.4	18.4	18.7	19.2	20.0	20.8	21.6	22.4	23.0	23.4	23.7	23.7	23.5	23.1	22.8	22.5	22.0	21.0	18.4	23.7	5.3
7/4/07	21.6	21.2	20.9	20.7	20.4	20.2	19.9	19.7	19.6	20.0	20.5	21.3	22.2	23.1	24.0	24.6	25.1	25.3	25.4	25.2	24.8	24.5	24.2	23.7	22.4	19.6	25.4	5.7
7/5/07	23.2	22.8	22.4	22.0	21.7	21.3	21.0	20.7	20.6	20.9	21.5	22.2	23.0	23.9	24.7	25.4	25.9	26.1	26.2	26.1	25.8	25.5	25.2	24.8	23.5	20.6	26.2	5.6
7/6/07	24.3	23.8	23.4	23.0	22.7	22.4	22.1	21.9	21.9	22.0	22.5	23.2	24.0	24.8	25.5	26.2	26.6	26.8	26.7	26.5	26.0	25.7	25.4	25.0	24.3	21.9	26.8	4.9
7/7/07	24.5	24.1	23.7	23.3	23.0	22.6	22.3	22.0	21.8	22.0	22.4	23.1	23.8	24.6	25.3	25.9	26.2	26.3	26.3	26.0	25.6	25.3	25.0	24.6	24.1	21.8	26.3	4.6
7/8/07	24.1	23.5	23.1	22.6	22.2	21.8	21.5	21.1	20.9	21.1	21.4	22.0	22.8	23.5	24.3	24.9	25.2	25.4	25.4	25.2	24.9	24.6	24.4	24.1	23.3	20.9	25.4	4.5
7/9/07	23.7	23.2	22.8	22.5	22.2	21.9	21.7	21.5	21.3	21.6	22.1	22.8	23.5	24.2	25.0	25.6	26.0	26.1	26.1	25.8	25.3	25.0	24.7	24.3	23.7	21.3	26.1	4.8
7/10/07	23.9	23.5	23.1	22.7	22.4	22.1	21.8	21.6	21.5	21.8	22.2	22.5	23.2	24.0	24.6	24.6	24.4	24.3	24.2	24.1	24.0	23.9	23.6	23.3	23.2	21.5	24.6	3.0
7/11/07	23.1	22.7	22.4	22.0	21.8	21.6	21.5	21.4	21.3	21.3	21.5	22.2	22.8	23.5	24.1	24.6	25.0	25.1	25.1	24.7	24.3	23.9	23.6	23.3	23.0	21.3	25.1	3.8
7/12/07	22.8	22.4	22.1	21.7	21.4	21.1	20.9	20.6	20.5	20.8	21.3	21.9	22.6	23.3	24.0	24.6	24.9	25.1	25.1	24.8	24.3	24.0	23.7	23.3	22.8	20.5	25.1	4.6
7/13/07	22.8	22.4	22.0	21.7	21.4	21.1	20.8	20.6	20.4	20.7	21.2	21.8	22.6	23.4	24.2	24.7	25.1	25.3	25.2	24.9	24.5	24.1	23.8	23.4	22.8	20.4	25.3	4.9
7/14/07	22.9	22.4	22.0	21.7	21.4	21.1	20.8	20.5	20.4	20.8	21.3	21.9	22.7	23.5	24.2	24.8	25.2	25.3	25.3	25.0	24.6	24.2	23.9	23.6	22.9	20.4	25.3	4.9
7/15/07	23.1	22.7	22.3	22.0	21.7	21.4	21.1	20.8	20.6	21.0	21.5	22.1	22.9	23.7	24.5	25.0	25.4	25.5	25.4	25.0	24.6	24.2	24.0	23.6	23.1	20.6	25.5	4.9
7/16/07	23.2	22.7	22.2	21.8	21.5	21.2	21.0	20.7	20.5	20.8	21.2	21.8	22.5	23.2	23.9	24.4	24.8	24.9	24.8	24.5	24.0	23.7	23.4	23.1	22.7	20.5	24.9	4.4
7/17/07	22.6	22.1	21.7	21.4	21.1	20.8	20.6	20.3	20.2	20.6	20.9	21.4	22.0	22.7	23.4	23.9	24.3	24.4	24.3	24.0	23.6	23.3	23.0	22.7	22.3	20.2	24.4	4.2
7/18/07	22.2	21.7	21.3	21.1	20.7	20.4	20.0	19.7	19.7	19.8	20.0	20.2	20.6	21.1	21.5	22.1	22.4	22.5	22.3	22.1	21.7	21.4	21.1	20.7	21.1	19.7	22.5	2.8
7/19/07	20.3	19.9	19.6	19.2	18.9	18.7	18.4	18.2	18.2	18.6	19.1	19.7	20.5	21.2	21.9	22.4	22.7	22.9	22.9	22.6	22.1	21.7	21.3	21.0	20.5	18.2	22.9	4.7
7/20/07	20.5	20.1	19.8	19.6	19.3	19.0	18.8	18.7	18.6	19.0	19.4	20.1	20.9	21.7	22.4	23.0	23.4	23.5	23.4	23.1	22.7	22.3	22.0	21.7	21.0	18.6	23.5	4.9
7/21/07	21.3	20.8	20.4	20.0	19.7	19.4	19.1	18.8	18.7	19.0	19.5	20.1	20.9	21.7	22.5	23.1	23.6	23.8	23.8	23.6	23.2	22.9	22.7	22.4	21.3	18.7	23.8	5.1
7/22/07	22.0	21.6	21.1	20.7	20.4	20.1	19.8	19.6	19.5	19.8	20.3	21.0	21.8	22.6	23.4	24.1	24.5	24.7	24.6	24.4	23.9	23.7	23.4	23.1	22.1	19.5	24.7	5.2
7/23/07	22.8	22.3	21.9	21.5	21.1	20.9	20.6	20.4	20.2	20.5	21.0	21.6	22.3	23.1	23.6	23.7	23.6	23.7	23.9	23.6	23.5	23.4	23.2	23.0	22.3	20.2	23.9	3.6
7/24/07	22.8	22.5	22.3	22.0	21.9	21.8	21.6	21.5	21.5	21.7	21.8	22.0	22.6	22.9	23.6	24.1	24.6	24.8	24.8	24.6	24.2	23.9	23.7	23.4	22.9	21.5	24.8	3.3
7/25/07	23.1	22.8	22.4	22.1	21.8	21.5	21.3	21.1	21.0	21.3	21.7	22.3	23.1	23.9	24.7	25.3	25.6	25.8	25.7	25.5	25.0	24.7	24.5	24.1	23.3	21.0	25.8	4.8
7/26/07	23.8	23.2	22.8	22.3	22.0	21.7	21.4	21.1	21.1	21.3	21.7	22.3	23.1	23.9	24.6	25.2	25.6	25.6	25.5	25.2	24.7	24.4	24.2	23.9	23.4	21.1	25.6	4.5
7/27/07	23.6	23.1	22.5	22.0	21.6	21.3	21.0	20.7	20.6	20.9	21.3	22.0	22.7	23.5	24.2	24.8	25.2	25.3	25.2	24.9	24.4	24.1	23.9	23.5	23.0	20.6	25.3	4.7
7/28/07	23.1	22.6	22.1	21.7	21.3	21.0	20.6	20.3	20.1	20.4	20.8	21.5	22.3	23.0	23.8	24.4	24.8	25.0	24.8	24.5	24.1	23.8	23.5	23.2	22.6	20.1	25.0	4.8
7/29/07	22.8	22.3	21.8	21.4	21.1	20.8	20.5	20.2	20.0	20.3	20.7	21.3	22.0	22.8	23.1	24.4	22.9	22.6	22.6	23.3	22.5	21.9	21.3	20.8	21.8	20.0	24.4	4.3
7/30/07	20.4	20.1	19.6	19.1	18.8	18.4	17.9	17.8	18.1	21.1	24.3	25.0	26.2	26.1	23.5	24.1	24.6	24.8	24.7	24.4	24.0	23.8	23.5	23.2	22.2	17.8	26.2	8.4
7/31/07	22.8	22.4	21.9	21.5	21.1	20.7	20.4	20.1	20.0	20.2	20.7	21.2	21.9	22.7	23.5	24.1	24.6	24.8	24.7	24.5	24.1	23.9	23.8	23.5	22.5	20.0	24.8	4.8

*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	19.9	Minimum	17.5
Mean Daily Mean	22.4	Mean Minimum	20.1
Maximum Daily Mean	24.3		
		Maximum	26.8
Minumum Range	2.8	Mean Maximum	24.7
Maximum Range	8.4		
		Mean Range	4.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Tiger Creek Afterbay at Gage M-38
Station NFMR3
Hourly Temperature Recording (ºC)
August 2007

	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
8/1/07	23.2	22.8	22.4	22.0	21.7	21.4	21.0	20.7	20.6	20.8	21.2	21.8	22.6	23.3	24.1	24.7	25.1	25.3	25.1	24.8	24.4	24.2	23.9	23.7	22.9	20.6	25.3	4.7
8/2/07	23.3	22.9	22.5	22.1	21.7	21.4	21.0	20.7	20.5	20.4	20.5	20.9	21.8	22.7	23.6	24.3	24.5	24.7	24.6	24.4	24.1	23.8	23.6	23.3	22.6	20.4	24.7	4.3
8/3/07	23.0	22.6	22.1	21.6	21.1	20.7	20.3	20.0	19.9	20.1	20.5	21.1	22.0	22.8	23.5	24.1	24.5	24.6	24.5	24.1	23.7	23.4	23.2	22.9	22.3	19.9	24.6	4.7
8/4/07	22.5	22.0	21.5	21.0	20.5	20.2	19.8	19.5	19.3	19.5	19.8	20.4	21.2	22.1	22.9	23.6	24.0	24.2	24.1	23.7	23.3	22.9	22.7	22.4	21.8	19.3	24.2	4.9
8/5/07	22.1	21.6	21.1	20.6	20.1	19.8	19.5	19.2	19.1	19.3	19.6	20.1	20.8	21.4	22.1	22.7	23.1	23.2	23.1	22.7	22.2	21.9	21.7	21.5	21.2	19.1	23.2	4.1
8/6/07	21.2	20.9	20.5	20.0	19.7	19.4	19.0	18.7	18.5	18.6	18.9	19.3	20.0	20.6	21.3	21.9	22.3	22.5	22.3	22.0	21.6	21.3	21.0	20.8	20.5	18.5	22.5	4.0
8/7/07	20.5	20.1	19.7	19.4	19.0	18.7	18.4	18.1	17.9	18.2	18.5	19.0	19.7	20.5	21.1	21.8	22.2	22.4	22.3	21.9	21.6	21.3	21.1	20.9	20.2	17.9	22.4	4.5
8/8/07	20.6	20.2	19.8	19.5	19.2	18.9	18.6	18.4	18.3	18.5	18.9	19.4	20.1	20.8	21.6	22.2	22.7	22.8	22.7	22.4	22.1	21.8	21.6	21.3	20.5	18.3	22.8	4.6
8/9/07	21.0	20.7	20.3	20.0	19.6	19.3	19.1	18.8	18.7	18.9	19.2	19.8	20.5	21.3	22.0	22.5	22.9	23.1	23.0	22.6	22.2	21.8	21.6	21.3	20.8	18.7	23.1	4.4
8/10/07	21.0	20.6	20.2	19.7	19.2	18.8	18.5	18.2	18.1	18.3	18.8	19.3	20.0	20.8	21.6	22.1	22.5	22.7	22.6	22.2	21.8	21.6	21.4	21.1	20.5	18.1	22.7	4.6
8/11/07	20.9	20.4	20.0	19.5	19.2	18.9	18.6	18.4	18.3	18.5	18.8	19.4	20.0	20.7	21.4	21.9	22.3	22.4	22.1	21.6	21.1	20.7	20.3	20.2	20.2	18.3	22.4	4.1
8/12/07	19.9	19.6	19.3	18.9	18.5	18.0	17.7	17.5	17.8	20.0	21.8	22.7	23.1	21.4	20.6	21.1	21.3	21.6	21.7	21.6	21.1	20.7	20.4	20.1	20.3	17.5	23.1	5.6
8/13/07	19.9	19.6	19.2	18.8	18.3	18.0	17.8	17.7	18.0	19.9	21.4	22.7	22.9	21.5	21.0	21.2	21.5	21.8	22.0	21.8	21.3	21.0	20.7	20.4	20.3	17.7	22.9	5.2
8/14/07	20.2	20.0	19.6	19.2	18.9	18.5	18.3	18.1	18.4	20.2	21.5	22.8	23.2	21.8	21.4	21.7	22.1	22.4	22.5	22.3	21.9	21.5	21.2	21.0	20.8	18.1	23.2	5.1
8/15/07	20.7	20.4	20.1	19.8	19.4	19.1	18.9	18.8	19.0	20.5	22.1	23.2	23.6	22.1	21.8	22.1	22.4	22.7	22.6	22.5	22.1	21.6	21.3	21.1	21.2	18.8	23.6	4.8
8/16/07	20.8	20.4	20.1	19.8	19.6	19.3	19.1	18.9	19.1	20.9	22.3	23.1	23.3	22.0	21.4	21.8	22.3	22.4	22.4	22.2	21.7	21.3	21.0	20.8	21.1	18.9	23.3	4.4
8/17/07	20.4	20.1	19.7	19.4	19.1	18.8	18.4	18.2	18.6	20.6	22.1	22.5	22.6	21.6	21.3	21.7	22.0	22.1	22.1	21.8	21.2	20.7	20.4	20.2	20.7	18.2	22.6	4.4
8/18/07	19.8	19.4	19.0	18.6	18.3	17.9	17.6	17.3	17.8	19.8	21.1	21.5	21.8	20.5	20.4	20.8	21.1	21.2	21.1	20.9	20.4	20.0	19.7	19.5	19.8	17.3	21.8	4.5
8/19/07	19.2	18.9	18.5	18.1	17.8	17.5	17.2	17.0	17.6	19.8	20.6	20.9	20.7	19.9	19.9	20.4	20.7	21.1	21.1	20.8	20.4	20.2	20.0	19.8	19.5	17.0	21.1	4.1
8/20/07	19.5	19.1	18.7	18.3	18.0	17.8	17.5	17.3	17.1	17.3	17.7	18.1	18.8	19.6	20.3	21.0	21.4	21.6	21.5	21.2	20.9	20.7	20.6	20.5	19.4	17.1	21.6	4.5
8/21/07	20.2	19.9	19.6	19.3	19.1	18.8	18.6	18.4	18.2	18.4	18.8	19.3	20.0	20.8	21.5	22.2	22.7	22.8	22.7	22.4	22.1	21.9	21.8	21.6	20.5	18.2	22.8	4.6
8/22/07	21.4	21.0	20.6	20.4	20.1	19.9	19.7	19.5	19.3	19.5	19.8	20.3	21.0	21.7	22.4	23.0	23.4	23.5	23.4	23.1	22.8	22.6	22.4	22.3	21.4	19.3	23.5	4.2
8/23/07	22.1	21.7	21.4	21.0	20.7	20.5	20.3	20.0	19.9	20.3	20.5	20.9	21.5	22.2	22.9	23.5	23.8	23.9	23.8	23.4	23.2	23.0	22.8	22.7	21.9	19.9	23.9	4.0
8/24/07	22.4	22.1	21.7	21.4	21.1	20.8	20.6	20.3	20.1	20.2	20.5	21.0	21.6	22.3	23.1	23.6	24.0	24.1	23.9	23.5	23.2	23.0	22.8	22.6	22.1	20.1	24.1	4.0
8/25/07	22.3	22.0	21.7	21.3	21.0	20.7	20.4	20.0	19.8	20.0	20.3	20.8	21.4	22.1	22.8	23.2	23.6	23.7	23.5	23.2	22.9	22.7	22.5	22.4	21.8	19.8	23.7	3.9
8/26/07	22.2	21.9	21.6	21.3	20.9	20.6	20.3	20.0	19.9	20.0	20.4	20.8	21.4	22.1	22.7	23.1	23.4	23.4	23.2	22.9	22.6	22.3	22.1	22.0	21.7	19.9	23.4	3.5
8/27/07	21.8	21.5	21.1	20.8	20.5	20.3	20.0	19.8	19.6	19.8	20.2	20.5	21.1	21.7	22.4	22.9	23.2	23.3	23.2	22.8	22.5	22.3	22.2	22.0	21.5	19.6	23.3	3.7
8/28/07	21.9	21.6	21.3	21.0	20.7	20.5	20.3	20.1	19.9	20.1	20.5	21.0	21.5	22.2	22.8	23.4	23.7	23.4	23.2	23.0	22.8	22.7	22.6	22.4	21.8	19.9	23.7	3.8
8/29/07	22.2	21.9	21.6	21.3	21.0	20.7	20.5	20.3	20.1	20.3	20.6	21.0	21.6	22.1	22.7	23.0	23.2	23.2	23.2	23.0	22.6	22.3	22.0	21.9	21.8	20.1	23.2	3.1
8/30/07	21.7	21.4	21.1	20.8	20.4	20.1	20.2	20.2	20.3	20.9	21.4	23.2	24.2	22.8	22.7	23.2	23.5	23.7	23.7	23.5	23.1	22.9	22.7	22.5	22.1	20.1	24.2	4.1
8/31/07	22.3	22.0	21.7	21.2	20.8	20.6	20.3	20.2	20.6	22.1	21.9	20.9	21.8	22.0	22.5	22.6	22.4	22.4	22.5	22.4	22.3	22.2	22.1	22.0	21.7	20.2	22.6	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	19.4	Minimum	17.0
Mean Daily Mean	21.1	Mean Minimum	18.9
Maximum Daily Mean	22.9		
		Maximum	25.3
Minumum Range	2.4	Mean Maximum	23.2
Maximum Range	5.6		
		Mean Range	4.3
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR above Tiger Creek Afterbay at Gage M-38
Station NFMR3
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	21.9	21.8	21.6	21.3	21.1	20.9	20.7	20.5	20.3	20.5	20.8	21.2	21.7	22.4	23.0	23.5	23.7	23.7	23.4	23.0	22.7	22.5	22.3	22.1	21.9	20.3	23.7	3.4
9/2/07	21.7	21.4	21.0	20.6	20.3	20.0	19.8	19.5	19.4	19.5	19.8	20.2	20.7	21.2	21.8	22.2	22.5	22.5	22.2	21.9	21.7	21.5	21.4	21.2	21.0	19.4	22.5	3.1
9/3/07	21.0	20.6	20.2	19.9	19.7	19.4	19.2	18.9	18.7	18.9	19.2	19.5	20.1	20.6	21.2	21.7	22.0	22.0	21.7	21.4	21.1	20.9	20.8	20.7	20.4	18.7	22.0	3.2
9/4/07	20.5	20.2	19.9	19.6	19.2	19.0	18.7	18.4	18.1	18.2	18.4	18.8	19.3	19.9	20.5	21.0	21.2	21.2	21.0	20.6	20.4	20.1	20.0	20.0	19.8	18.1	21.2	3.1
9/5/07	19.8	19.5	19.1	18.7	18.4	18.1	17.8	17.5	17.3	17.3	17.6	17.9	18.4	19.0	19.6	20.2	20.5	20.4	20.2	19.9	19.7	19.5	19.4	19.4	19.0	17.3	20.5	3.2
9/6/07	19.2	18.8	18.5	18.2	18.0	17.7	17.5	17.3	17.1	17.1	17.4	17.8	18.3	18.9	19.5	20.1	20.4	20.5	20.3	20.1	19.9	19.7	19.7	19.6	18.8	17.1	20.5	3.4
9/7/07	19.4	19.1	18.8	18.5	18.3	18.0	17.8	17.5	17.2	17.3	17.6	17.9	18.3	18.9	19.5	20.0	20.3	20.4	20.2	19.9	19.7	19.5	19.5	19.4	18.9	17.2	20.4	3.1
9/8/07	19.3	19.0	18.7	18.4	18.1	17.8	17.6	17.3	17.1	17.2	17.5	17.8	18.3	18.9	19.5	20.1	20.4	20.4	20.1	19.9	19.7	19.5	19.5	19.4	18.8	17.1	20.4	3.3
9/9/07	19.3	19.1	18.7	18.4	18.2	18.0	17.7	17.6	17.4	17.5	17.8	18.1	18.6	19.2	19.8	20.3	20.6	20.6	20.4	20.2	20.0	19.9	19.8	19.8	19.0	17.4	20.6	3.2
9/10/07	19.7	19.5	19.2	18.9	18.6	18.4	18.1	17.9	17.7	17.7	17.9	18.3	18.7	19.2	19.8	20.3	20.6	20.6	20.4	20.2	20.1	20.0	19.9	19.9	19.2	17.7	20.6	2.9
9/11/07	19.8	19.5	19.3	19.0	18.8	18.5	18.3	18.1	17.9	18.0	18.2	18.6	19.0	19.6	20.2	20.7	21.0	21.0	20.7	20.5	20.3	20.1	20.1	20.0	19.5	17.9	21.0	3.0
9/12/07	19.9	19.7	19.4	19.1	18.8	18.6	18.3	18.1	17.9	17.9	18.1	18.4	18.8	19.4	20.0	20.4	20.7	20.6	20.3	20.0	19.8	19.6	19.5	19.4	19.3	17.9	20.7	2.8
9/13/07	19.3	19.0	18.7	18.5	18.3	18.1	17.9	17.7	17.5	17.5	17.6	17.8	18.1	18.5	18.9	19.3	19.5	19.3	19.0	18.7	18.4	18.2	18.1	18.1	18.4	17.5	19.5	2.0
9/14/07	17.9	17.6	17.3	16.9	16.7	16.4	16.1	15.7	15.4	15.4	15.6	15.8	16.2	16.4	16.8	17.3	17.6	17.5	17.3	17.1	16.9	16.8	16.7	16.7	16.7	15.4	17.9	2.5
9/15/07	16.6	16.3	16.0	15.7	15.5	15.3	15.0	14.7	14.4	14.4	14.6	14.9	15.3	15.8	16.4	16.8	17.1	17.0	16.8	16.7	16.5	16.4	16.4	16.4	15.9	14.4	17.1	2.7
9/16/07	16.3	16.0	15.7	15.5	15.3	15.1	14.8	14.5	14.3	14.4	14.6	14.9	15.3	15.8	16.4	16.9	17.1	17.1	16.8	16.7	16.5	16.4	16.3	16.4	15.8	14.3	17.1	2.7
9/17/07	16.3	16.0	15.7	15.5	15.3	15.1	14.9	14.6	14.4	14.5	14.7	15.0	15.4	15.9	16.4	16.9	17.1	17.0	16.7	16.5	16.4	16.2	16.2	16.2	15.8	14.4	17.1	2.6
9/18/07	16.1	15.9	15.6	15.4	15.2	15.0	14.8	14.5	14.3	14.3	14.5	14.8	15.2	15.7	16.1	16.5	16.8	16.7	16.5	16.4	16.3	16.1	16.1	16.1	15.6	14.3	16.8	2.5
9/19/07	16.0	15.8	15.5	15.3	15.1	14.9	14.7	14.4	14.2	14.2	14.2	14.4	14.6	14.8	15.0	15.3	15.4	15.2	14.9	14.8	14.7	14.6	14.6	14.5	14.9	14.2	16.0	1.8
9/20/07	14.4	14.2	14.0	13.8	13.7	13.5	13.4	13.3	13.1	13.0	13.1	13.2	13.4	13.7	14.2	14.5	14.6	14.6	14.6	14.5	14.4	14.3	14.1	14.0	13.9	13.0	14.6	1.6
9/21/07	13.8	13.6	13.4	13.1	12.9	12.7	12.5	12.3	12.2	12.2	12.3	12.7	13.2	13.5	13.7	13.9	14.3	14.4	14.2	14.2	14.1	14.0	13.9	13.9	13.4	12.2	14.4	2.2
9/22/07	13.7	13.5	13.2	13.1	12.9	12.7	12.6	12.5	12.4	12.4	12.5	12.6	12.6	12.7	12.7	12.9	13.2	13.2	13.2	13.2	13.0	12.9	12.8	12.7	12.9	12.4	13.7	1.3
9/23/07	12.6	12.4	12.2	12.1	12.0	12.0	11.9	11.8	11.8	11.8	11.9	12.1	12.3	12.5	12.8	13.2	13.3	13.4	13.2	13.2	13.0	12.9	12.8	12.7	12.5	11.8	13.4	1.6
9/24/07	12.6	12.4	12.1	11.9	11.7	11.4	11.2	11.0	10.9	11.0	11.2	11.5	11.9	12.4	12.9	13.3	13.5	13.4	13.3	13.2	13.1	13.1	13.2	13.2	12.3	10.9	13.5	2.6
9/25/07	13.1	12.9	12.7	12.5	12.3	12.2	11.9	11.7	11.4	11.4	11.7	12.0	12.8	12.9	13.4	13.8	13.9	13.8	13.7	13.6	13.5	13.5	13.6	13.6	12.8	11.4	13.9	2.5
9/26/07	13.5	13.3	13.0	12.8	12.6	12.5	12.2	12.0	11.8	11.8	12.1	12.4	12.8	13.3	13.8	14.2	14.3	14.2	14.1	14.1	14.0	13.9	14.0	14.0	13.2	11.8	14.3	2.5
9/27/07	14.0	13.8	13.5	13.3	13.2	13.0	12.8	12.5	12.3	12.3	12.5	12.8	13.1	13.2	13.5	14.0	14.2	14.2	14.0	13.9	13.9	13.8	13.8	13.8	13.4	12.3	14.2	1.9
9/28/07	13.6	13.4	13.2	13.0	12.9	12.7	12.6	12.4	12.2	12.2	12.3	12.5	12.7	13.0	13.5	13.7	13.7	13.7	13.6	13.5	13.5	13.5	13.5	13.6	13.1	12.2	13.7	1.5
9/29/07	13.5	13.4	13.2	13.0	12.8	12.5	12.3	12.0	11.8	11.7	11.9	12.2	12.5	12.9	13.3	13.6	13.6	13.4	13.2	13.1	13.0	12.9	13.0	13.0	12.8	11.7	13.6	1.8
9/30/07	12.9	12.7	12.5	12.3	12.1	11.9	11.6	11.3	11.0	11.0	11.2	11.5	11.8	12.2	12.6	12.9	13.0	12.9	12.8	12.7	12.7	12.6	12.7	12.7	12.2	11.0	13.0	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	12.2	Minimum	10.9
Mean Daily Mean	16.4	Mean Minimum	15.1
Maximum Daily Mean	21.9		
		Maximum	23.7
Minumum Range	1.3	Mean Maximum	17.6
Maximum Range	3.4		
		Mean Range	2.5
# of Days <= 20 (ºC)	0		
# 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 2007

	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
4/1/07	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.7	6.6	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.2	6.2	6.3	6.1	6.7	0.6
4/2/07	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.7	6.6	6.6	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	6.7	0.6
4/3/07	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.4	6.5	6.7	6.8	6.7	6.6	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.2	6.8	0.6
4/4/07	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.5	6.6	6.7	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.4	6.5	6.3	6.8	0.5
4/5/07	6.5	6.5	6.5	6.5	6.5	6.4	6.5	6.5	6.5	6.5	6.6	6.7	6.8	7.0	6.9	6.9	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.4	7.0	0.5
4/6/07	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.1	7.3	7.2	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.7	6.7	6.8	6.6	7.3	0.7
4/7/07	6.7	6.7	6.7	6.8	6.7	6.7	6.7	6.7	6.7	6.8	6.8	7.0	7.1	7.2	7.2	7.1	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	7.2	0.5
4/8/07	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.2	7.3	7.5	7.3	7.2	7.2	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.5	0.6
4/9/07	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.7	7.6	7.5	7.3	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.0	7.7	0.7
4/10/07	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.2	7.2	7.2	7.4	7.5	7.6	7.9	7.8	7.7	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.5	7.4	7.1	7.9	0.8
4/11/07	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.6	7.6	7.7	7.8	7.8	7.8	7.7	7.7	7.7	7.8	7.7	7.7	7.6	7.5	7.8	0.3
4/12/07	7.7	7.8	7.7	7.7	7.5	7.7	7.7	7.7	7.7	7.8	7.9	8.0	8.2	8.4	8.4	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0	7.5	8.4	0.9
4/13/07	8.0	8.1	8.0	8.0	8.1	8.0	8.1	8.1	8.1	8.2	8.4	8.6	8.8	9.0	8.9	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.5	8.6	8.4	8.0	9.0	1.0
4/14/07	8.6	8.6	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.7	0.2
4/15/07	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.6	8.7	8.8	9.0	9.1	9.1	9.1	9.0	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.8	8.6	9.1	0.5
4/16/07	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.6	8.7	8.9	9.1	9.2	9.5	9.3	9.2	9.0	9.0	8.9	8.9	8.9	8.9	8.9	8.8	8.9	8.6	9.5	0.9
4/17/07	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.9	8.9	9.0	9.1	9.0	9.0	9.1	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.7	8.7	8.9	8.7	9.1	0.4
4/18/07	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.6	8.7	8.7	8.8	8.9	8.9	9.1	9.1	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.6	8.8	8.6	9.1	0.5
4/19/07	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.8	8.7	8.7	8.7	8.7	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	0.2
4/20/07	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.8	8.8	8.9	8.8	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.7	8.6	8.9	0.3
4/21/07	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.7	8.6	8.6	8.6	8.7	8.6	8.9	0.3
4/22/07	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.3	8.3	8.4	8.3	8.2	8.2	8.2	8.2	8.2	8.2	8.4	8.2	8.6	0.4
4/23/07	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8	7.9	8.0	8.2	8.3	8.5	8.4	8.3	8.2	8.2	8.1	8.1	8.0	8.0	8.0	8.0	8.1	7.8	8.5	0.7
4/24/07	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.2	8.4	8.6	8.8	8.7	8.5	8.4	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.2	7.9	8.8	0.9
4/25/07	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.3	8.5	8.7	8.9	8.7	8.5	8.5	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.3	8.1	8.9	0.8
4/26/07	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.4	8.6	8.9	9.1	9.0	8.8	8.7	8.6	8.5	8.5	8.4	8.4	8.4	8.4	8.4	8.1	9.1	1.0
4/27/07	8.4	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.8	9.0	9.2	9.1	8.9	8.8	8.7	8.7	8.6	8.5	8.5	8.5	8.5	8.6	8.3	9.2	0.9
4/28/07	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.5	8.5	8.7	8.8	9.1	9.3	9.2	9.0	8.9	8.9	8.8	8.7	8.7	8.7	8.7	8.6	8.7	8.4	9.3	0.9
4/29/07	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.8	9.1	9.2	9.3	9.3	9.1	9.0	8.9	8.9	8.9	8.8	8.8	8.8	8.8	8.8	8.6	9.3	0.7
4/30/07	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.8	9.0	9.2	9.4	9.6	9.5	9.4	9.2	9.1	9.1	9.0	9.0	9.0	9.0	9.0	9.0	8.7	9.6	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	6.3	Minimum	6.1
Mean Daily Mean	7.9	Mean Minimum	7.7
Maximum Daily Mean	9.0		
		Maximum	9.6
Minumum Range	0.2	Mean Maximum	8.3
Maximum Range	1.0		
		Mean Range	0.6
# of Days <= 20 (ºC)	0		
# 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 2007

	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
5/1/07	9.0	9.0	9.0	8.9	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.4	9.7	9.8	9.7	9.5	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.2	9.2	8.9	9.8	0.9
5/2/07	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.4	9.4	9.4	9.3	9.4	9.4	9.5	9.5	9.4	9.4	9.4	9.4	9.3	9.4	9.2	9.5	0.3
5/3/07	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.7	9.9	10.0	10.1	9.9	9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.3	10.1	0.8
5/4/07	9.8	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.9	10.0	10.0	10.2	10.2	10.4	10.6	10.5	10.5	10.4	10.3	10.3	10.3	10.3	10.2	10.2	10.1	9.7	10.6	0.9
5/5/07	10.2	10.1	10.1	10.1	10.0	9.9	9.9	9.9	9.9	10.0	10.1	10.4	10.7	10.9	10.7	10.5	10.3	10.2	10.1	10.1	10.1	10.0	9.9	9.9	10.2	9.9	10.9	1.0
5/6/07	9.9	9.9	9.9	9.9	9.8	9.8	9.8	9.9	9.8	9.9	10.1	10.4	10.8	11.0	10.8	10.6	10.4	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.2	9.8	11.0	1.2
5/7/07	10.0	10.0	10.0	10.0	9.9	9.9	9.9	9.9	10.0	10.1	10.3	10.6	11.0	11.3	11.0	10.8	10.6	10.5	10.4	10.3	10.3	10.3	10.2	10.2	10.3	9.9	11.3	1.4
5/8/07	10.2	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.2	10.4	10.7	11.1	11.3	11.1	10.8	10.6	10.5	10.4	10.4	10.3	10.3	10.3	10.3	10.4	10.1	11.3	1.2
5/9/07	10.3	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3	10.5	10.8	11.2	11.4	11.3	11.0	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.4	10.5	10.2	11.4	1.2
5/10/07	10.4	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.5	10.6	10.9	11.3	11.5	11.3	11.1	10.8	10.8	10.7	10.6	10.6	10.5	10.5	10.5	10.6	10.3	11.5	1.2
5/11/07	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.6	10.8	11.1	11.4	11.6	11.4	11.2	11.0	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.7	10.4	11.6	1.2
5/12/07	10.6	10.6	10.5	10.6	10.6	10.5	10.5	10.5	10.6	10.7	10.9	11.2	11.6	11.8	11.6	11.3	11.1	11.0	11.0	11.0	10.9	10.9	10.9	10.8	10.9	10.5	11.8	1.3
5/13/07	10.9	10.8	10.7	10.5	10.3	10.1	10.0	9.8	9.6	9.4	9.5	9.6	9.7	9.9	9.7	9.5	9.3	9.3	9.2	9.2	9.1	9.2	9.2	9.1	9.7	9.1	10.9	1.8
5/14/07	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.6	8.6	8.6	8.7	9.0	9.4	9.6	9.4	9.2	9.1	8.9	9.0	9.1	9.1	9.1	9.1	9.0	9.0	8.6	9.6	1.0
5/15/07	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.5	9.8	10.1	9.9	9.6	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.0	9.2	8.9	10.1	1.2
5/16/07	9.0	9.0	9.0	9.0	9.0	8.9	8.9	9.0	9.0	9.1	9.3	9.6	9.9	10.2	9.9	9.7	9.5	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.3	8.9	10.2	1.3
5/17/07	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.3	9.5	9.7	9.7	9.9	10.2	10.5	10.3	10.0	9.8	9.8	9.7	9.6	9.5	9.4	9.2	9.1	9.5	9.1	10.5	1.4
5/18/07	9.0	8.9	8.8	8.8	8.7	8.7	8.7	8.6	8.5	8.5	8.6	8.9	9.2	9.5	9.4	9.2	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.9	8.5	9.5	1.0
5/19/07	8.7	8.6	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.5	8.8	9.2	9.5	9.4	9.2	9.0	9.1	9.0	9.0	9.0	8.9	8.8	8.8	8.8	8.4	9.5	1.1
5/20/07	8.7	8.7	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.5	8.7	9.0	9.3	9.7	9.5	9.4	9.2	9.2	9.2	9.1	9.1	9.1	9.0	8.9	8.9	8.5	9.7	1.2
5/21/07	8.8	8.8	8.7	8.7	8.6	8.6	8.6	8.5	8.6	8.6	8.8	9.1	9.5	9.8	9.7	9.5	9.1	8.9	8.9	8.8	8.8	8.8	8.9	9.0	8.9	8.5	9.8	1.3
5/22/07	9.0	8.9	8.9	8.8	8.7	8.6	8.5	8.5	8.5	8.5	8.7	9.0	9.4	9.7	9.5	9.3	9.0	8.8	8.8	8.7	8.7	8.9	9.0	9.0	8.9	8.5	9.7	1.2
5/23/07	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.4	8.5	8.5	8.6	8.8	9.2	9.5	9.4	9.3	9.2	9.2	9.2	9.2	9.1	9.0	9.0	8.8	8.9	8.4	9.5	1.1
5/24/07	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.2	8.2	8.3	8.5	8.8	9.2	9.5	9.4	9.3	9.2	9.2	9.2	9.2	9.1	9.0	8.9	8.9	8.8	8.2	9.5	1.3
5/25/07	8.8	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.4	8.4	8.6	8.9	9.4	9.6	9.5	9.4	9.3	9.4	9.4	9.3	9.3	9.2	9.1	9.0	8.9	8.3	9.6	1.3
5/26/07	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.5	8.6	8.7	9.1	9.6	9.9	9.8	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.1	9.0	9.1	8.5	9.9	1.4
5/27/07	9.0	8.9	8.8	8.7	8.7	8.7	8.6	8.6	8.6	8.7	8.8	9.2	9.6	10.0	9.9	9.7	9.5	9.5	9.5	9.5	9.4	9.3	9.2	9.1	9.1	8.6	10.0	1.4
5/28/07	9.1	9.0	8.9	8.8	8.8	8.7	8.7	8.7	8.7	8.7	8.9	9.2	9.7	10.0	9.9	9.7	9.6	9.6	9.6	9.6	9.6	9.5	9.4	9.3	9.2	8.7	10.0	1.3
5/29/07	9.3	9.2	9.1	9.0	8.9	8.9	8.8	8.8	8.8	8.8	9.0	9.4	9.9	10.2	10.1	9.9	9.6	9.4	9.3	9.2	9.2	9.2	9.3	9.4	9.3	8.8	10.2	1.4
5/30/07	9.4	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.1	9.1	9.3	9.6	10.1	10.3	10.2	9.9	9.6	9.5	9.4	9.3	9.3	9.2	9.3	9.5	9.5	9.1	10.3	1.2
5/31/07	9.7	9.7	9.7	9.6	9.5	9.5	9.4	9.4	9.7	9.4	9.5	9.9	10.3	10.7	10.4	10.1	9.8	9.7	9.7	9.6	9.6	9.5	9.5	9.7	9.7	9.4	10.7	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	8.8	Minimum	8.2
Mean Daily Mean	9.5	Mean Minimum	9.1
Maximum Daily Mean	10.9		
		Maximum	11.8
Minumum Range	0.3	Mean Maximum	10.3
Maximum Range	1.8		
		Mean Range	1.2
# of Days <= 20 (ºC)	0		
# 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 2007

	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
6/1/07	9.9	10.0	10.0	9.9	9.7	9.6	9.5	9.3	9.3	9.4	9.5	9.8	10.2	10.5	10.5	10.3	10.1	10.1	10.0	10.0	9.9	9.8	9.7	9.6	9.9	9.3	10.5	1.2
6/2/07	9.5	9.5	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.1	9.3	9.8	10.4	10.8	10.7	10.5	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.7	9.8	9.1	10.8	1.8
6/3/07	9.6	9.5	9.4	9.3	9.3	9.2	9.1	9.1	9.1	9.1	9.3	9.8	10.4	10.8	10.5	10.3	10.1	10.1	10.1	10.1	10.0	10.0	9.9	9.8	9.7	9.1	10.8	1.7
6/4/07	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.4	9.5	9.5	9.7	10.1	10.6	10.9	10.6	10.3	9.9	9.8	9.7	9.6	9.5	9.5	9.4	9.5	9.8	9.4	10.9	1.5
6/5/07	9.8	9.9	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.7	9.7	9.7	9.6	9.7	9.5	9.5	9.5	9.7	9.5	9.9	0.4
6/6/07	9.5	9.5	9.4	9.4	9.3	9.2	9.1	9.1	9.2	9.1	9.2	9.5	9.7	10.1	9.8	9.5	9.5	9.3	9.2	9.2	9.2	9.2	9.3	9.3	9.4	9.1	10.1	1.0
6/7/07	9.2	9.1	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.8	9.0	9.4	10.0	10.4	10.1	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.3	9.4	8.7	10.4	1.7
6/8/07	9.2	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.7	8.8	9.0	9.5	10.1	10.6	10.5	10.3	10.1	10.1	10.1	10.0	9.9	9.7	9.6	9.5	9.5	8.7	10.6	1.9
6/9/07	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.8	8.8	8.9	9.1	9.6	10.2	10.6	10.5	10.3	10.2	10.2	10.1	10.1	10.0	9.8	9.7	9.6	9.6	8.8	10.6	1.8
6/10/07	9.5	9.5	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.1	9.3	9.7	10.3	10.8	10.6	10.3	10.2	10.2	10.2	10.2	10.1	10.0	9.9	9.8	9.7	9.1	10.8	1.7
6/11/07	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.4	9.4	9.5	9.7	10.1	10.7	11.2	10.8	10.4	10.0	9.8	9.7	9.7	9.6	9.5	9.5	9.5	9.8	9.4	11.2	1.8
6/12/07	9.7	9.8	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.7	9.9	10.4	11.0	11.4	11.2	10.7	10.3	10.2	10.1	10.0	9.9	9.8	9.8	9.8	10.1	9.7	11.4	1.8
6/13/07	10.1	10.1	10.1	10.0	9.9	9.8	9.8	9.7	9.7	9.9	10.2	10.5	11.0	11.5	11.3	11.1	10.9	10.7	10.6	10.4	10.3	10.2	10.0	9.9	10.3	9.7	11.5	1.8
6/14/07	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.6	9.6	9.9	10.3	10.9	11.4	11.3	10.8	10.3	10.2	10.1	10.0	10.2	10.6	10.6	10.5	10.1	9.5	11.4	1.9
6/15/07	10.4	10.3	10.2	10.1	10.0	10.0	9.9	9.8	9.8	9.9	10.2	10.7	11.3	11.8	11.6	11.1	10.7	10.6	10.4	10.2	10.1	10.0	10.0	10.0	10.4	9.8	11.8	2.0
6/16/07	10.2	10.3	10.3	10.2	10.2	10.1	10.0	10.0	10.0	10.1	10.3	10.7	11.3	11.8	11.6	11.1	10.7	10.6	10.3	10.2	10.1	10.1	10.0	10.0	10.4	10.0	11.8	1.8
6/17/07	10.2	10.4	10.3	10.2	10.1	9.9	9.9	9.8	9.8	9.9	10.1	10.5	11.2	11.7	11.4	10.9	10.5	10.3	10.2	10.2	10.1	10.0	10.0	10.0	10.3	9.8	11.7	1.9
6/18/07	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.9	9.9	9.9	10.1	10.5	11.1	11.6	11.4	10.9	10.5	10.4	10.3	10.2	10.1	10.0	10.0	10.0	10.3	9.9	11.6	1.7
6/19/07	10.2	10.4	10.3	10.2	10.1	10.1	10.0	10.0	10.0	10.0	10.2	10.6	11.3	11.8	11.6	11.2	10.8	10.7	10.4	10.3	10.2	10.1	10.1	10.1	10.4	10.0	11.8	1.8
6/20/07	10.4	10.5	10.4	10.3	10.2	10.1	10.0	10.0	9.9	10.0	10.2	10.7	11.3	11.8	11.5	11.1	10.6	10.5	10.3	10.2	10.1	10.1	10.0	10.2	10.4	9.9	11.8	1.9
6/21/07	10.4	10.4	10.3	10.1	10.0	9.9	9.8	9.8	9.8	9.8	10.0	10.5	11.1	11.6	11.4	10.9	10.5	10.3	10.2	10.1	10.0	10.0	9.9	10.3	10.3	9.8	11.6	1.8
6/22/07	10.4	10.3	10.3	10.1	10.0	9.9	9.8	9.7	9.7	9.8	10.0	10.4	11.1	11.6	11.3	10.9	10.5	10.3	10.1	10.1	10.0	9.9	9.9	10.1	10.3	9.7	11.6	1.9
6/23/07	10.3	10.3	10.2	10.1	9.9	9.8	9.7	9.6	9.7	9.8	10.0	10.4	11.0	11.5	11.2	10.7	10.3	10.2	10.1	10.0	9.9	9.8	9.8	9.9	10.2	9.6	11.5	1.8
6/24/07	10.1	10.1	10.0	9.9	9.7	9.6	9.5	9.5	9.5	9.6	9.8	10.2	10.8	11.3	11.1	10.6	10.2	10.1	10.0	9.9	9.8	9.7	9.7	10.0	10.0	9.5	11.3	1.8
6/25/07	10.1	10.1	9.9	9.8	9.7	9.6	9.5	9.5	9.5	9.6	9.8	10.3	11.0	11.5	11.3	10.8	10.4	10.2	10.0	9.9	9.9	9.8	9.7	10.0	10.1	9.5	11.5	2.0
6/26/07	10.2	10.2	10.2	10.1	10.0	9.9	9.8	9.8	9.8	9.8	10.0	10.5	11.1	11.6	11.3	10.9	10.5	10.3	10.2	10.1	10.0	9.9	9.9	10.0	10.3	9.8	11.6	1.8
6/27/07	10.3	10.3	10.2	10.1	10.0	9.9	9.9	9.8	9.8	9.9	10.1	10.5	11.1	11.5	11.4	11.0	10.5	10.3	10.3	10.2	10.3	10.7	10.6	10.6	10.4	9.8	11.5	1.7
6/28/07	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	10.4	9.8	10.0	10.4	11.0	11.4	11.3	10.9	10.4	10.3	10.2	10.7	10.8	10.8	10.7	10.5	10.4	9.7	11.4	1.7
6/29/07	10.4	10.3	10.2	10.1	10.0	9.9	9.9	9.8	9.8	9.9	10.1	10.5	11.1	11.5	11.3	11.0	10.6	10.4	10.3	10.3	10.6	10.7	10.6	10.5	10.4	9.8	11.5	1.7
6/30/07	10.4	10.3	10.2	10.1	10.0	9.9	9.9	9.9	9.9	10.0	10.3	10.7	11.3	11.7	11.6	11.3	10.8	10.5	10.6	10.9	10.8	10.7	10.6	10.5	10.5	9.9	11.7	1.8

*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	9.4	Minimum	8.7
Mean Daily Mean	10.1	Mean Minimum	9.5
Maximum Daily Mean	10.5		
		Maximum	11.8
Minumum Range	0.4	Mean Maximum	11.2
Maximum Range	2.0		
		Mean Range	1.7
# of Days <= 20 (ºC)	0		
# 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 2007

	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
7/1/07	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.8	9.8	9.8	10.1	10.4	10.8	11.5	11.4	11.1	10.9	10.5	10.5	10.7	10.7	10.6	10.5	10.4	10.4	9.8	11.5	1.7
7/2/07	10.3	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.5	9.6	9.8	10.2	10.8	11.3	11.3	11.0	10.8	10.6	10.6	10.5	10.3	10.2	10.0	9.8	10.2	9.5	11.3	1.8
7/3/07	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.9	9.1	9.6	10.2	10.7	10.7	10.4	10.2	10.2	10.2	10.1	10.1	9.9	9.8	9.7	9.7	8.9	10.7	1.8
7/4/07	9.6	9.4	9.3	9.3	9.2	9.1	9.1	9.0	9.0	9.0	9.2	9.6	10.3	10.8	10.8	10.5	10.3	10.3	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.0	10.8	1.8
7/5/07	9.8	9.7	9.5	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.3	9.8	10.4	10.9	10.8	10.6	10.4	10.3	10.3	10.3	10.3	10.2	10.1	10.0	9.9	9.1	10.9	1.8
7/6/07	9.8	9.7	9.6	9.5	9.5	9.4	9.3	9.3	9.3	9.4	9.6	10.2	10.6	11.1	10.9	10.7	10.5	10.5	10.4	10.3	10.3	10.2	10.1	9.9	10.0	9.3	11.1	1.8
7/7/07	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.2	9.2	9.2	9.5	10.0	10.5	11.0	10.9	10.6	10.4	10.3	10.3	10.2	10.2	10.1	10.0	9.9	9.9	9.2	11.0	1.8
7/8/07	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.1	9.0	9.1	9.3	9.7	10.2	10.6	10.6	10.4	10.3	10.2	10.2	10.2	10.1	10.0	9.9	9.8	9.8	9.0	10.6	1.6
7/9/07	9.7	9.6	9.5	9.5	9.4	9.3	9.3	9.2	9.2	9.3	9.5	9.9	10.4	10.8	10.8	10.6	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.9	9.2	10.8	1.6
7/10/07	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.2	9.2	9.3	9.5	9.7	10.3	10.8	10.8	10.2	10.1	10.1	10.1	10.1	10.0	9.8	9.8	9.7	9.8	9.2	10.8	1.6
7/11/07	9.6	9.5	9.5	9.4	9.3	9.3	9.3	9.3	9.4	9.5	9.6	10.0	10.5	10.8	10.8	10.5	10.3	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.9	9.3	10.8	1.5
7/12/07	9.7	9.6	9.5	9.4	9.4	9.3	9.3	9.2	9.3	9.4	9.6	9.9	10.4	10.8	10.8	10.6	10.4	10.3	10.3	10.3	10.2	10.1	9.9	9.8	9.9	9.2	10.8	1.6
7/13/07	9.7	9.5	9.5	9.4	9.3	9.3	9.2	9.2	9.1	9.2	9.4	9.8	10.4	10.9	10.8	10.6	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.9	9.1	10.9	1.8
7/14/07	9.7	9.6	9.5	9.4	9.4	9.3	9.2	9.2	9.2	9.4	9.6	10.0	10.5	10.9	10.8	10.6	10.4	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.9	9.2	10.9	1.7
7/15/07	9.8	9.7	9.6	9.5	9.4	9.4	9.3	9.3	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	9.9	9.3	10.9	1.6
7/16/07	9.8	9.7	9.6	9.5	9.4	9.4	9.3	9.3	9.2	9.3	9.7	10.0	10.5	10.9	10.9	10.6	10.4	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.9	9.2	10.9	1.7
7/17/07	9.8	9.7	9.6	9.5	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.9	10.4	10.8	10.7	10.3	10.0	9.9	9.8	9.8	9.7	9.6	9.5	9.4	9.8	9.4	10.8	1.4
7/18/07	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.7	9.8	10.1	10.4	10.5	10.2	10.0	9.8	9.7	9.6	9.5	9.5	9.4	9.4	9.6	9.3	10.5	1.2
7/19/07	9.4	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.6	9.9	10.3	10.7	10.6	10.2	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.3	9.6	9.3	10.7	1.4
7/20/07	9.2	9.2	9.6	10.0	9.9	9.9	9.8	9.7	9.7	9.7	9.8	10.1	10.7	11.1	11.1	10.8	10.6	10.5	10.5	10.4	10.3	10.2	10.0	9.9	10.1	9.2	11.1	1.9
7/21/07	9.8	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.2	9.3	9.5	9.8	10.4	10.9	10.9	10.7	10.5	10.5	10.5	10.4	10.3	10.2	10.1	9.9	10.0	9.2	10.9	1.7
7/22/07	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.4	9.3	9.4	9.6	9.9	10.5	11.0	11.1	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.1	9.3	11.1	1.8
7/23/07	9.9	9.8	9.7	9.6	9.6	9.5	9.5	9.5	9.5	9.5	9.7	10.0	10.6	10.9	10.9	10.6	10.5	10.4	10.4	10.4	10.3	10.2	10.1	10.1	10.0	9.5	10.9	1.4
7/24/07	10.0	9.9	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.8	9.9	10.0	10.3	10.4	10.6	10.6	10.5	10.5	10.5	10.4	10.3	10.2	10.1	10.1	10.1	9.7	10.6	0.9
7/25/07	10.0	9.9	9.8	9.7	9.8	9.8	9.7	9.7	9.7	9.7	9.9	10.2	10.8	11.3	11.3	11.0	10.8	10.8	10.7	10.7	10.5	10.4	10.3	10.2	10.3	9.7	11.3	1.6
7/26/07	10.1	10.0	9.9	9.8	9.8	9.8	9.7	9.6	9.6	9.6	9.8	10.2	10.7	11.2	11.2	11.0	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.3	9.6	11.2	1.6
7/27/07	10.1	9.9	9.9	9.8	9.7	9.7	9.6	9.6	9.5	9.6	9.8	10.1	10.7	11.2	11.2	11.0	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.1	10.2	9.5	11.2	1.7
7/28/07	10.0	9.9	9.8	9.7	9.7	9.7	9.6	9.5	9.5	9.5	9.7	10.1	10.7	11.2	11.1	11.0	10.8	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.2	9.5	11.2	1.7
7/29/07	10.1	9.9	9.8	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.8	10.2	10.7	11.2	11.2	11.0	10.8	10.8	10.7	10.7	10.5	10.4	10.3	10.2	10.2	9.6	11.2	1.6
7/30/07	10.1	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.6	9.8	10.2	10.7	11.2	11.2	11.0	10.9	10.9	10.8	10.7	10.6	10.5	10.4	10.2	10.3	9.6	11.2	1.6
7/31/07	10.1	10.0	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.7	9.8	10.2	10.7	11.2	11.2	11.0	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.3	10.3	9.6	11.2	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	8.9
Mean Daily Mean	10.0	Mean Minimum	9.3
Maximum Daily Mean	10.4		
		Maximum	11.5
Minumum Range	0.9	Mean Maximum	11.0
Maximum Range	1.9		
		Mean Range	1.6
# of Days <= 20 (ºC)	0		
# 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 2007

	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
8/1/07	10.2	10.2	10.2	10.2	10.0	10.1	10.0	10.0	9.9	10.0	10.2	10.6	11.3	12.0	12.0	11.7	11.4	11.3	11.2	11.1	11.0	10.9	10.7	10.6	10.7	9.9	12.0	2.1
8/2/07	10.5	10.3	10.2	10.2	10.1	10.1	10.0	10.0	10.0	10.1	10.2	10.5	11.1	11.9	11.9	11.6	11.4	11.2	11.1	11.1	11.0	10.9	10.8	10.6	10.7	10.0	11.9	2.0
8/3/07	10.4	10.3	10.2	10.1	10.1	10.1	10.1	10.0	9.9	10.0	10.2	10.7	11.4	12.1	12.1	11.7	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.7	9.9	12.1	2.2
8/4/07	10.5	10.3	10.2	10.1	10.0	10.0	9.9	9.9	9.8	9.9	10.1	10.5	11.3	12.0	12.0	11.7	11.4	11.3	11.2	11.1	11.0	10.8	10.7	10.6	10.7	9.8	12.0	2.2
8/5/07	10.4	10.2	10.1	10.0	10.0	10.0	10.0	9.9	9.8	9.9	10.1	10.5	11.1	11.8	11.8	11.5	11.3	11.1	11.1	11.0	10.9	10.7	10.6	10.4	10.6	9.8	11.8	2.0
8/6/07	10.3	10.1	10.0	9.9	9.8	9.9	9.8	9.7	9.7	9.8	10.0	10.4	11.0	11.7	11.7	11.4	11.0	11.0	10.9	10.9	10.7	10.6	10.5	10.4	10.5	9.7	11.7	2.0
8/7/07	10.2	10.1	10.0	9.9	9.8	9.8	9.7	9.7	9.7	9.7	10.0	10.4	11.1	11.8	11.8	11.4	11.2	11.1	11.0	11.0	10.9	10.7	10.6	10.5	10.5	9.7	11.8	2.1
8/8/07	10.3	10.2	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.9	10.1	10.5	11.2	11.8	11.9	11.6	11.3	11.3	11.2	11.1	11.0	10.9	10.7	10.6	10.7	9.9	11.9	2.0
8/9/07	10.5	10.4	10.3	10.2	10.1	10.2	10.1	10.0	10.0	10.0	10.2	10.6	11.3	12.0	12.0	11.6	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.6	10.7	10.0	12.0	2.0
8/10/07	10.4	10.2	10.1	10.0	10.0	10.0	9.9	9.9	9.8	9.9	10.1	10.6	11.3	12.0	12.0	11.7	11.4	11.3	11.3	11.2	11.1	10.9	10.8	10.7	10.7	9.8	12.0	2.2
8/11/07	10.5	10.4	10.3	10.2	10.1	10.0	10.1	10.1	10.1	10.1	10.3	10.7	11.3	12.0	12.0	11.5	11.4	11.3	11.3	11.2	11.1	10.9	10.8	10.6	10.8	10.0	12.0	2.0
8/12/07	10.5	10.4	10.3	10.2	10.1	10.1	10.1	10.0	10.0	10.1	10.3	10.7	11.3	11.9	12.0	11.7	11.4	11.4	11.3	11.2	11.1	11.0	10.9	10.7	10.8	10.0	12.0	2.0
8/13/07	10.5	10.4	10.3	10.2	10.1	10.1	10.0	10.0	10.0	10.1	10.3	10.7	11.3	12.0	12.0	11.7	11.5	11.4	11.4	11.3	11.2	11.1	11.0	10.8	10.8	10.0	12.0	2.0
8/14/07	10.7	10.6	10.5	10.4	10.4	10.4	10.4	10.3	10.3	10.3	10.5	10.9	11.5	12.2	12.2	11.9	11.6	11.5	11.5	11.4	11.3	11.2	11.1	11.0	11.0	10.3	12.2	1.9
8/15/07	10.9	10.7	10.6	10.5	10.6	10.6	10.5	10.4	10.4	10.5	10.6	11.1	11.7	12.3	12.4	11.9	11.8	11.7	11.6	11.6	11.5	11.3	11.2	11.1	11.1	10.4	12.4	2.0
8/16/07	11.0	10.9	10.7	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.7	11.1	11.7	12.3	12.3	12.0	11.8	11.7	11.6	11.6	11.4	11.3	11.2	11.1	11.2	10.5	12.3	1.8
8/17/07	10.9	10.7	10.7	10.6	10.5	10.6	10.5	10.4	10.4	10.5	10.7	11.1	11.6	12.3	12.4	12.0	11.8	11.7	11.6	11.5	11.4	11.3	11.1	11.0	11.1	10.4	12.4	2.0
8/18/07	10.8	10.6	10.5	10.4	10.4	10.4	10.4	10.3	10.3	10.3	10.6	11.0	11.6	12.2	12.2	11.9	11.7	11.6	11.6	11.5	11.4	11.3	11.1	11.0	11.1	10.3	12.2	1.9
8/19/07	10.8	10.7	10.5	10.5	10.4	10.5	10.4	10.3	10.3	10.4	10.7	11.1	11.6	12.2	12.2	11.9	11.8	11.7	11.6	11.6	11.5	11.3	11.2	11.1	11.1	10.3	12.2	1.9
8/20/07	11.0	10.8	10.7	10.6	10.6	10.6	10.5	10.5	10.5	10.6	10.8	11.2	11.7	12.3	12.4	12.1	12.0	11.9	11.9	11.8	11.7	11.6	11.5	11.4	11.3	10.5	12.4	1.9
8/21/07	11.3	11.1	11.1	11.0	10.9	10.9	11.0	10.9	10.9	10.9	11.1	11.5	12.0	12.7	12.8	12.5	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.7	11.6	10.9	12.8	1.9
8/22/07	11.6	11.4	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.1	11.3	11.7	12.3	12.8	12.9	12.6	12.4	12.4	12.3	12.3	12.2	12.0	11.9	11.8	11.8	11.1	12.9	1.8
8/23/07	11.7	11.6	11.5	11.4	11.4	11.5	11.4	11.3	11.6	11.3	11.5	11.8	12.4	12.9	13.1	12.8	12.6	12.5	12.5	12.4	12.3	12.2	12.1	12.0	12.0	11.3	13.1	1.8
8/24/07	11.8	11.7	11.6	11.5	11.5	11.4	11.5	11.4	11.4	11.4	11.6	12.0	12.5	13.1	13.1	12.9	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	12.1	11.4	13.1	1.7
8/25/07	11.9	11.8	11.7	11.6	11.5	11.5	11.6	11.5	11.5	11.5	11.6	12.0	12.5	13.1	13.2	12.9	12.7	12.6	12.6	12.5	12.4	12.3	12.2	12.1	12.1	11.5	13.2	1.7
8/26/07	12.0	11.9	11.8	11.8	11.7	11.6	11.8	11.7	11.6	11.6	11.8	12.2	12.7	13.2	13.3	13.0	12.7	12.7	12.6	12.6	12.5	12.4	12.3	12.2	12.2	11.6	13.3	1.7
8/27/07	12.1	12.0	11.9	11.8	11.8	11.7	11.8	11.8	11.7	11.8	11.9	12.3	12.8	13.2	13.3	13.1	12.8	12.8	12.8	12.7	12.6	12.5	12.4	12.3	12.3	11.7	13.3	1.6
8/28/07	12.2	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.9	11.9	12.1	12.4	12.9	13.3	13.3	12.9	12.8	12.6	12.5	12.4	12.3	12.2	12.2	12.1	12.3	11.8	13.3	1.5
8/29/07	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.9	11.9	12.0	12.1	12.5	12.9	13.3	13.3	13.0	12.7	12.5	12.4	12.2	12.1	12.5	12.9	12.9	12.4	11.9	13.3	1.4
8/30/07	12.9	12.8	12.7	12.7	12.8	12.8	12.7	12.7	12.7	12.7	12.9	13.1	13.4	14.0	14.1	13.9	13.7	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.2	12.7	14.1	1.4
8/31/07	13.1	13.0	12.9	12.9	12.9	12.9	12.8	12.8	12.7	12.8	12.9	13.1	13.1	13.4	13.7	13.6	13.4	13.4	13.4	13.4	13.3	13.2	13.1	13.1	13.1	12.7	13.7	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	10.5	Minimum	9.7
Mean Daily Mean	11.4	Mean Minimum	10.6
Maximum Daily Mean	13.2		
		Maximum	14.1
Minumum Range	1.0	Mean Maximum	12.5
Maximum Range	2.2		
		Mean Range	1.9
# of Days <= 20 (ºC)	0		
# 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 2007

	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
9/1/07	13.0	13.0	13.0	12.9	12.9	13.0	12.9	12.9	12.9	12.9	13.0	13.4	13.8	14.3	14.4	14.2	14.0	14.0	13.9	13.8	13.7	13.6	13.5	13.3	13.4	12.9	14.4	1.5
9/2/07	13.2	13.0	12.9	12.9	12.8	12.9	12.9	12.8	12.8	12.9	13.0	13.4	13.8	14.3	14.4	14.2	13.8	13.9	13.9	13.9	13.8	13.7	13.6	13.4	13.4	12.8	14.4	1.6
9/3/07	13.3	13.2	13.1	13.0	13.0	12.9	12.9	12.9	12.9	12.9	13.1	13.5	13.9	14.3	14.5	14.3	14.2	14.1	14.1	14.0	13.9	13.8	13.7	13.5	13.5	12.9	14.5	1.6
9/4/07	13.4	13.2	13.2	13.1	13.0	12.9	12.9	12.9	12.8	12.9	13.1	13.4	13.8	14.2	14.4	14.2	14.0	14.0	14.0	13.9	13.8	13.7	13.6	13.5	13.5	12.8	14.4	1.6
9/5/07	13.4	13.2	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.8	13.1	13.5	13.9	14.3	14.4	14.3	14.1	14.1	14.1	14.1	14.0	13.9	13.7	13.6	13.5	12.8	14.4	1.6
9/6/07	13.5	13.4	13.3	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.3	13.7	14.1	14.6	14.7	14.6	14.5	14.4	14.4	14.3	14.3	14.1	14.0	13.9	13.8	13.1	14.7	1.6
9/7/07	13.8	13.7	13.6	13.5	13.4	13.3	13.3	13.3	13.3	13.4	13.6	13.9	14.3	14.6	14.8	14.6	14.5	14.5	14.5	14.4	14.4	14.3	14.1	14.0	14.0	13.3	14.8	1.5
9/8/07	13.9	13.8	13.7	13.7	13.6	13.5	13.4	13.4	13.4	13.4	13.6	14.0	14.4	14.8	15.0	14.9	14.7	14.7	14.7	14.7	14.6	14.5	14.4	14.3	14.1	13.4	15.0	1.6
9/9/07	14.2	14.1	14.0	13.9	13.8	13.8	13.7	13.7	13.7	13.8	14.0	14.3	14.7	15.0	15.2	15.1	14.9	15.0	15.0	14.9	14.8	14.8	14.7	14.6	14.4	13.7	15.2	1.5
9/10/07	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.9	13.9	13.9	14.2	14.5	14.8	15.2	15.3	15.2	15.1	15.1	15.1	15.1	15.0	14.9	14.8	14.7	14.6	13.9	15.3	1.4
9/11/07	14.7	14.6	14.5	14.4	14.3	14.3	14.2	14.2	14.2	14.3	14.5	14.7	15.1	15.4	15.6	15.4	15.3	15.3	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.2	15.6	1.4
9/12/07	14.8	14.7	14.6	14.5	14.4	14.4	14.3	14.3	14.3	14.3	14.5	14.8	15.1	15.4	15.4	15.2	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.4	14.7	14.3	15.4	1.1
9/13/07	14.4	14.4	14.2	14.0	13.8	13.6	13.5	13.3	13.2	13.2	13.3	13.5	13.7	14.0	14.1	13.9	13.8	13.7	13.7	13.6	13.4	13.3	13.1	13.0	13.7	13.0	14.4	1.4
9/14/07	12.9	12.8	12.7	12.5	12.5	12.4	12.3	12.3	12.3	12.3	12.5	12.8	13.2	13.4	13.5	13.5	13.4	13.3	13.4	13.4	13.3	13.1	13.0	12.9	12.9	12.3	13.5	1.2
9/15/07	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.3	12.5	12.8	13.2	13.5	13.7	13.6	13.3	13.5	13.5	13.5	13.4	13.2	13.1	13.0	12.9	12.2	13.7	1.5
9/16/07	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.4	12.4	12.5	12.7	13.0	13.4	13.6	13.8	13.6	13.5	13.6	13.6	13.6	13.5	13.3	13.2	13.1	13.1	12.4	13.8	1.4
9/17/07	13.0	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.5	12.6	12.8	13.0	13.3	13.6	13.8	13.7	13.5	13.4	13.6	13.6	13.5	13.4	13.3	13.2	13.1	12.5	13.8	1.3
9/18/07	13.1	12.9	12.9	12.8	12.7	12.6	12.6	12.5	12.5	12.6	12.8	13.1	13.4	13.7	13.7	13.7	13.7	13.7	13.6	13.6	13.5	13.4	13.2	13.1	13.1	12.5	13.7	1.2
9/19/07	13.0	12.9	12.8	12.8	12.8	12.6	12.5	12.4	12.4	12.5	12.6	12.8	13.1	13.2	13.2	13.2	13.1	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.9	12.4	13.2	0.8
9/20/07	12.7	12.6	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.7	12.8	12.8	13.0	13.0	13.0	13.0	12.9	12.9	12.8	12.7	12.6	12.5	12.7	12.4	13.0	0.6
9/21/07	12.4	12.3	12.3	12.3	12.2	12.1	12.1	12.1	12.0	12.1	12.3	12.6	12.9	13.2	13.1	13.1	13.2	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.0	13.3	1.3
9/22/07	12.6	12.6	12.5	12.4	12.3	12.3	12.3	12.3	12.3	12.4	12.5	12.6	12.6	12.6	12.6	12.7	12.8	12.8	12.7	12.6	12.5	12.4	12.4	12.3	12.5	12.3	12.8	0.5
9/23/07	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.5	12.6	12.7	12.7	12.8	12.8	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.5	12.3	12.8	0.5
9/24/07	12.2	12.1	12.0	11.9	11.9	11.9	11.8	11.8	11.7	11.8	12.0	12.3	12.6	12.9	12.9	12.8	12.7	12.7	12.6	12.5	12.4	12.2	12.1	12.0	12.2	11.7	12.9	1.2
9/25/07	11.8	11.7	11.6	11.4	11.4	11.3	11.2	11.1	11.1	11.1	11.3	11.6	11.8	12.1	12.2	12.2	12.1	12.0	11.8	11.9	12.0	11.9	11.8	11.7	11.7	11.1	12.2	1.1
9/26/07	11.6	11.5	11.4	11.3	11.3	11.2	11.1	11.1	11.0	11.1	11.2	11.5	11.7	12.1	12.1	12.1	11.9	11.8	11.8	11.9	12.0	12.0	11.9	11.8	11.6	11.0	12.1	1.1
9/27/07	11.7	11.6	11.5	11.4	11.3	11.3	11.2	11.1	11.1	11.1	11.3	11.5	11.8	11.9	12.0	12.1	12.0	12.1	12.0	12.0	11.9	11.9	11.8	11.7	11.6	11.1	12.1	1.0
9/28/07	11.6	11.5	11.4	11.3	11.2	11.1	11.1	11.0	11.0	11.2	11.3	11.3	11.5	11.7	11.7	11.7	11.7	11.7	11.6	11.7	11.7	11.7	11.6	11.6	11.4	11.0	11.7	0.7
9/29/07	11.5	11.4	11.3	11.1	11.0	10.9	10.8	10.7	10.7	10.7	10.8	11.0	11.2	11.5	11.6	11.6	11.6	11.4	11.4	11.5	11.5	11.4	11.4	11.3	11.2	10.7	11.6	0.9
9/30/07	11.3	11.2	11.1	11.0	10.9	10.8	10.8	10.7	10.7	10.7	10.9	11.2	11.5	11.7	11.8	11.8	11.8	11.7	11.7	11.6	11.7	11.6	11.5	11.4	11.3	10.7	11.8	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	11.2	Minimum	10.7
Mean Daily Mean	13.0	Mean Minimum	12.5
Maximum Daily Mean	14.8		
		Maximum	15.6
Minumum Range	0.5	Mean Maximum	13.7
Maximum Range	1.6		
		Mean Range	1.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Tiger Creek Afterbay
Station NFMR4
Hourly Temperature Recording (ºC)
April 2007

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
4/1/07	7.9	7.9	7.9	7.9	7.8	7.8	7.9	7.9	7.9	8.0	8.1	8.5	8.8	9.0	9.1	9.0	8.9	8.8	8.7	8.6	8.6	8.6	8.6	8.7	8.4	7.8	9.1	1.3
4/2/07	8.8	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.1	9.3	9.4	9.7	10.0	10.2	10.3	10.3	10.1	9.8	9.7	9.6	9.6	9.6	9.6	9.6	9.5	8.8	10.3	1.5
4/3/07	9.7	9.7	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	10.2	10.4	10.6	10.6	10.5	10.4	10.1	9.9	9.9	9.8	9.8	9.8	9.8	10.0	9.7	10.6	0.9
4/4/07	9.9	9.9	9.8	9.8	9.8	9.8	9.9	10.0	10.1	10.2	10.3	10.6	10.8	10.9	10.9	10.8	10.7	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.4	9.8	10.9	1.1
4/5/07	10.7	10.7	10.7	10.7	10.7	10.6	10.6	10.5	10.5	10.6	10.7	10.8	11.0	11.1	11.2	11.1	11.0	10.9	10.8	10.9	10.9	11.0	11.0	11.0	10.8	10.5	11.2	0.6
4/6/07	11.0	11.0	11.0	10.9	10.9	10.8	10.8	10.8	10.8	10.9	11.0	11.3	11.6	11.7	11.7	11.7	11.6	11.5	11.4	11.3	11.4	11.4	11.5	11.5	11.2	10.8	11.7	0.9
4/7/07	11.5	11.5	11.5	11.5	11.5	11.5	11.6	11.6	11.7	11.7	11.9	12.1	12.2	12.2	12.2	12.1	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.0	11.9	11.5	12.2	0.7
4/8/07	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.4	12.6	12.6	12.5	12.3	12.1	12.0	12.0	12.1	12.1	12.0	12.0	12.0	12.1	12.0	12.6	0.6
4/9/07	11.9	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.9	11.8	11.9	12.0	12.2	12.2	12.2	12.1	11.9	11.7	11.6	11.6	11.6	11.5	11.5	11.4	11.8	11.4	12.2	0.8
4/10/07	11.4	11.3	11.3	11.3	11.2	11.2	11.1	11.1	11.1	11.1	11.2	11.5	11.6	11.6	11.6	11.5	11.2	11.0	10.7	10.6	10.6	10.6	10.6	10.6	11.1	10.6	11.6	1.0
4/11/07	10.6	10.6	10.6	10.6	10.6	10.5	10.4	10.4	10.3	10.3	10.3	10.4	10.4	10.3	10.3	10.4	10.3	10.1	10.0	9.9	9.8	9.8	9.8	9.7	10.3	9.7	10.6	0.9
4/12/07	9.6	9.6	9.5	9.4	9.3	9.1	9.0	9.0	9.0	9.0	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.4	9.2	8.9	8.8	8.7	8.7	8.6	9.2	8.6	9.6	1.0
4/13/07	8.6	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.2	8.3	8.5	8.7	8.9	9.0	9.0	8.9	8.8	8.7	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.2	9.0	0.8
4/14/07	8.6	8.6	8.6	8.5	8.6	8.6	8.5	8.5	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.6	8.6	8.6	8.5	8.6	8.5	8.8	0.3
4/15/07	8.4	8.4	8.4	8.3	8.1	8.0	7.9	7.8	7.6	7.6	7.6	7.8	7.9	7.9	8.0	7.9	8.1	8.3	8.6	8.8	9.0	9.1	9.1	9.2	8.2	7.6	9.2	1.6
4/16/07	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.0	9.0	9.1	9.3	9.6	10.0	10.3	10.5	10.6	10.7	9.4	9.0	10.7	1.7
4/17/07	10.7	10.7	10.7	10.6	10.5	10.4	10.4	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.2	10.3	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.1	10.7	0.6
4/18/07	10.3	10.3	10.2	10.0	9.9	9.8	9.6	9.4	9.3	9.2	9.1	8.9	9.0	8.8	8.8	8.8	8.9	8.8	8.8	8.8	8.9	8.9	8.9	8.9	9.3	8.8	10.3	1.5
4/19/07	8.9	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.5	7.3	7.2	7.2	7.2	7.1	7.0	6.9	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.6	6.9	8.9	1.9
4/20/07	7.2	7.2	7.2	7.2	7.2	7.1	7.0	6.9	6.9	6.9	6.9	7.0	6.9	6.9	7.0	7.0	7.1	7.2	7.3	7.5	7.6	7.7	7.8	7.9	7.2	6.9	7.9	1.0
4/21/07	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.2	8.3	8.4	8.4	8.4	8.4	8.0	7.9	8.4	0.5
4/22/07	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9	7.9	7.9	7.8	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.9	7.5	8.4	0.9
4/23/07	7.4	7.3	7.2	7.2	7.1	6.9	6.9	6.7	6.7	6.7	6.8	7.0	7.0	7.0	7.2	7.3	7.6	7.9	8.3	8.6	8.8	9.1	9.3	9.3	7.6	6.7	9.3	2.6
4/24/07	9.3	9.1	9.0	8.9	8.8	8.8	8.8	8.8	8.8	8.8	8.9	9.1	9.1	9.2	9.3	9.5	9.9	10.3	10.5	10.8	11.0	11.2	11.2	11.2	9.6	8.8	11.2	2.5
4/25/07	11.1	11.1	11.0	10.8	10.7	10.6	10.5	10.4	10.4	10.4	10.6	10.7	10.7	10.8	10.8	10.9	11.0	11.3	11.5	11.6	11.7	11.8	11.8	11.7	11.0	10.4	11.8	1.4
4/26/07	11.7	11.6	11.5	11.5	11.4	11.3	11.1	11.0	11.0	10.9	11.0	11.0	11.0	11.0	11.0	11.2	11.4	11.8	12.1	12.3	12.6	12.6	12.6	12.6	11.6	10.9	12.6	1.7
4/27/07	12.6	12.5	12.4	12.3	12.2	12.0	12.0	12.0	11.9	11.9	12.0	12.1	12.1	12.2	12.3	12.6	12.9	13.3	13.6	13.8	14.0	14.1	14.1	14.0	12.7	11.9	14.1	2.2
4/28/07	13.9	13.8	13.7	13.5	13.4	13.3	13.2	13.1	13.0	13.1	13.2	13.3	13.2	13.1	13.1	13.4	13.6	13.9	14.2	14.4	14.5	14.6	14.5	14.4	13.6	13.0	14.6	1.6
4/29/07	14.4	14.3	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.5	13.4	13.3	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.3	14.3	14.3	14.2	13.8	13.2	14.4	1.2
4/30/07	14.1	14.0	13.9	13.8	13.7	13.6	13.5	13.3	13.2	13.1	13.1	13.1	12.9	12.9	12.9	13.1	13.3	13.5	13.8	14.0	14.1	14.1	14.1	14.1	13.6	12.9	14.1	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	7.2	Minimum	6.7
Mean Daily Mean	10.2	Mean Minimum	9.7
Maximum Daily Mean	13.8		
		Maximum	14.6
Minumum Range	0.3	Mean Maximum	10.9
Maximum Range	2.6		
		Mean Range	1.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Tiger Creek Afterbay
Station NFMR4
Hourly Temperature Recording (ºC)
May 2007

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
5/1/07	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.2	13.0	12.9	12.9	12.9	13.1	13.3	13.3	13.5	13.6	13.6	13.7	13.7	13.7	13.4	12.9	14.0	1.1
5/2/07	13.7	13.6	13.5	13.5	13.4	13.3	13.2	13.0	12.9	12.9	12.7	12.6	12.5	12.4	12.2	12.1	12.2	12.1	12.0	11.8	11.6	11.5	11.3	11.1	12.5	11.1	13.7	2.6
5/3/07	10.9	10.7	10.5	10.3	10.1	10.0	9.9	9.7	9.5	9.4	9.4	9.3	9.2	9.0	8.9	8.9	9.0	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.6	8.9	10.9	2.1
5/4/07	9.5	9.5	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.1	9.2	9.0	8.9	8.9	8.9	8.9	8.8	8.8	8.8	8.8	8.9	8.8	8.8	9.1	8.8	9.5	0.7
5/5/07	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.8	8.9	8.9	8.9	8.9	9.0	9.2	9.3	9.3	9.3	9.1	9.1	9.0	8.9	8.9	8.9	8.7	9.3	0.6
5/6/07	8.9	9.0	9.0	9.1	9.2	9.3	9.3	9.3	9.4	9.5	9.8	10.0	10.1	10.2	10.1	10.0	9.9	10.2	10.3	10.2	10.2	10.3	10.3	10.4	9.7	8.9	10.4	1.5
5/7/07	10.5	10.6	10.5	10.5	10.4	10.4	10.5	10.5	10.6	10.7	11.0	11.1	11.3	11.1	11.0	11.0	11.1	11.3	11.3	11.4	11.5	11.6	11.8	11.9	11.0	10.4	11.9	1.5
5/8/07	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.2	12.3	12.5	12.6	12.9	13.0	13.1	13.1	13.0	12.9	12.8	12.8	12.9	13.2	13.3	13.4	13.5	12.7	12.0	13.5	1.6
5/9/07	13.6	13.8	13.8	13.8	13.9	13.9	13.8	13.8	13.8	13.9	14.0	14.2	14.2	14.2	14.1	14.1	14.0	14.0	14.1	14.1	14.2	14.2	14.2	14.2	14.0	13.6	14.2	0.6
5/10/07	14.3	14.3	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.6	14.7	14.8	14.8	14.8	14.8	14.6	14.6	14.5	14.4	14.5	14.7	14.8	14.7	14.7	14.6	14.3	14.8	0.5
5/11/07	14.7	14.7	14.6	14.6	14.6	14.6	14.6	14.6	14.5	14.6	14.8	15.0	15.0	14.9	14.9	14.8	14.8	14.6	14.7	14.8	14.8	14.7	14.6	14.6	14.7	14.5	15.0	0.5
5/12/07	14.6	14.6	14.6	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.6	14.5	14.5	14.5	14.6	14.5	14.4	14.6	14.4	14.8	0.4
5/13/07	14.4	14.4	14.4	14.3	14.3	14.3	14.3	14.2	14.2	14.3	14.4	14.5	14.4	14.4	14.2	14.0	14.0	13.9	13.8	13.6	13.5	13.4	13.3	13.3	14.1	13.3	14.5	1.2
5/14/07	13.1	13.0	13.0	12.9	12.7	12.6	12.6	12.4	12.3	12.3	12.4	12.6	12.6	12.6	12.6	12.7	12.6	12.6	12.6	12.5	12.4	12.5	12.5	12.4	12.6	12.3	13.1	0.8
5/15/07	12.4	12.4	12.4	12.3	12.3	12.3	12.2	12.2	12.2	12.3	12.6	12.8	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.3	13.3	12.7	12.2	13.3	1.1
5/16/07	13.3	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.8	13.8	13.7	13.8	13.9	14.1	14.3	14.3	14.3	13.6	13.1	14.3	1.2
5/17/07	14.3	14.3	14.2	14.0	13.9	13.8	13.7	13.7	13.7	13.7	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.7	13.6	13.7	13.8	13.7	13.6	13.5	13.8	13.5	14.3	0.8
5/18/07	13.2	12.9	12.6	12.4	12.2	12.0	11.9	11.6	11.5	11.3	11.3	11.1	11.0	11.0	11.1	11.3	11.3	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.7	11.0	13.2	2.2
5/19/07	11.5	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.7	10.7	10.7	10.7	10.7	10.9	11.0	11.1	11.3	11.3	11.4	11.5	11.5	11.5	11.1	10.7	11.5	0.8
5/20/07	11.4	11.3	11.3	11.3	11.3	11.2	11.1	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.2	11.3	11.3	11.4	11.5	11.6	11.6	11.7	11.2	11.0	11.7	0.7
5/21/07	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.7	11.8	12.0	12.1	12.2	12.2	12.1	12.2	12.3	12.4	12.6	12.4	12.4	12.5	12.6	12.0	11.6	12.6	1.0
5/22/07	12.6	12.6	12.6	12.6	12.5	12.3	12.3	12.2	12.2	12.3	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.4	12.4	12.5	12.6	12.6	12.5	12.2	12.6	0.4
5/23/07	12.6	12.6	12.6	12.4	12.3	12.3	12.3	12.2	12.2	12.2	12.2	12.3	12.4	12.3	12.2	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.0	12.2	12.0	12.6	0.6
5/24/07	12.0	12.0	12.0	11.8	11.7	11.6	11.5	11.3	11.3	11.3	11.3	11.1	11.0	11.0	11.0	11.0	11.1	11.3	11.3	11.4	11.5	11.5	11.6	11.5	11.4	11.0	12.0	1.0
5/25/07	11.5	11.6	11.5	11.5	11.5	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.2	11.3	11.4	11.6	11.8	11.8	11.8	11.8	11.8	11.4	11.1	11.8	0.7
5/26/07	12.0	11.9	11.8	11.7	11.6	11.5	11.3	11.3	11.1	11.0	11.0	11.0	10.8	10.8	10.8	11.0	11.1	11.3	11.4	11.5	11.6	11.7	11.7	11.7	11.4	10.8	12.0	1.2
5/27/07	11.6	11.6	11.6	11.5	11.5	11.4	11.3	11.3	11.2	11.1	11.1	11.0	11.0	11.0	11.0	11.2	11.4	11.5	11.6	11.8	11.9	12.0	12.0	12.0	11.4	11.0	12.0	1.0
5/28/07	11.9	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	11.6	11.8	12.0	12.0	12.1	12.1	12.2	11.6	11.3	12.2	0.9
5/29/07	12.3	12.3	12.3	12.3	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.2	12.4	12.6	12.6	12.6	12.6	12.2	12.0	12.6	0.6
5/30/07	12.6	12.7	12.8	12.9	12.9	12.9	12.8	12.8	12.8	12.9	13.1	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.5	13.6	13.8	13.8	13.9	13.2	12.6	13.9	1.3
5/31/07	13.9	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.7	13.8	13.9	13.9	13.9	13.9	13.9	14.0	14.0	13.9	13.8	13.9	14.0	14.2	14.3	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	8.9	Minimum	8.7
Mean Daily Mean	12.2	Mean Minimum	11.8
Maximum Daily Mean	14.7		
		Maximum	15.0
Minumum Range	0.4	Mean Maximum	12.8
Maximum Range	2.6		
		Mean Range	1.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Tiger Creek Afterbay
Station NFMR4
Hourly Temperature Recording (ºC)
June 2007

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
6/1/07	14.3	14.3	14.4	14.4	14.3	14.3	14.1	14.0	13.9	13.7	13.4	13.1	12.9	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.8	12.8	12.8	12.8	13.4	12.8	14.4	1.6
6/2/07	12.7	12.6	12.6	12.6	12.4	12.3	12.1	12.1	12.0	12.0	12.0	12.0	11.9	11.8	11.9	12.0	12.1	12.2	12.4	12.6	12.6	12.6	12.6	12.6	12.3	11.8	12.7	0.9
6/3/07	12.6	12.6	12.6	12.3	12.3	12.3	12.1	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.8	12.0	12.1	12.1	12.2	12.3	12.4	12.6	12.6	12.6	12.2	11.8	12.6	0.8
6/4/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.8	12.9	13.1	13.1	13.3	13.3	13.2	13.3	13.4	13.4	13.6	13.6	13.6	13.6	13.0	12.6	13.6	1.0
6/5/07	13.6	13.5	13.4	13.4	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.3	13.1	13.1	13.0	13.0	12.9	12.9	12.8	13.2	12.8	13.6	0.8
6/6/07	12.7	12.6	12.6	12.6	12.6	12.3	12.3	12.2	12.1	12.2	12.3	12.3	12.4	12.6	12.6	12.6	12.6	12.2	12.0	12.0	12.0	11.9	11.8	11.7	12.3	11.7	12.7	1.0
6/7/07	11.7	11.6	11.6	11.6	11.5	11.5	11.5	11.4	11.4	11.6	11.8	12.0	12.1	12.1	12.0	12.0	12.0	11.7	11.5	11.5	11.6	11.6	11.6	11.5	11.7	11.4	12.1	0.7
6/8/07	11.5	11.3	11.3	11.3	11.1	11.0	10.9	10.7	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.7	11.0	11.0	11.0	11.0	11.3	11.3	11.3	11.3	11.0	10.6	11.5	0.9
6/9/07	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.3	11.3	11.3	11.5	11.5	11.6	11.6	11.6	11.2	11.0	11.6	0.6
6/10/07	11.6	11.6	11.6	11.6	11.5	11.5	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	11.6	11.6	11.6	11.8	12.0	12.0	12.0	11.5	11.3	12.0	0.7
6/11/07	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.4	12.6	12.6	12.6	12.6	12.7	12.9	13.0	12.9	12.9	13.0	13.0	13.1	13.1	12.5	12.0	13.1	1.1
6/12/07	13.0	13.0	12.9	12.9	12.9	12.9	12.8	12.8	12.8	12.9	13.3	13.5	13.7	13.9	13.9	13.9	13.9	13.7	13.3	13.4	13.4	13.4	13.4	13.4	13.3	12.8	13.9	1.1
6/13/07	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.6	13.9	14.2	14.4	14.5	14.6	14.6	14.6	14.3	13.9	13.6	13.6	13.5	13.4	13.4	13.8	13.4	14.6	1.2
6/14/07	13.4	13.3	13.3	13.3	13.2	13.1	12.9	12.9	12.9	13.0	13.3	13.6	13.9	14.0	14.0	14.0	13.9	13.7	13.3	13.3	13.2	13.3	13.3	13.3	13.4	12.9	14.0	1.1
6/15/07	13.2	13.2	13.3	13.3	13.3	13.3	13.2	13.2	13.3	13.4	13.8	14.0	14.3	14.4	14.6	14.6	14.4	14.3	13.9	13.9	13.9	13.9	13.9	13.9	13.8	13.2	14.6	1.4
6/16/07	13.9	13.9	13.9	13.8	13.7	13.6	13.6	13.6	13.8	13.9	14.3	14.5	14.7	14.8	14.9	14.9	14.9	14.7	14.3	14.3	14.3	14.3	14.3	14.3	14.2	13.6	14.9	1.3
6/17/07	14.3	14.3	14.2	14.1	14.0	13.9	13.9	13.9	14.0	14.2	14.5	14.7	14.9	14.9	14.9	14.9	14.9	14.7	14.4	14.4	14.3	14.3	14.4	14.3	14.4	13.9	14.9	1.0
6/18/07	14.3	14.1	14.1	14.1	14.1	14.1	14.0	13.9	13.9	14.2	14.4	14.6	14.8	14.9	14.9	14.9	14.9	14.7	14.3	14.3	14.3	14.4	14.4	14.3	14.4	13.9	14.9	1.0
6/19/07	14.3	14.3	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.3	14.6	14.8	14.9	15.0	15.0	15.0	15.0	14.8	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.1	15.0	0.9
6/20/07	14.4	14.4	14.3	14.3	14.3	14.3	14.2	14.1	14.1	14.3	14.5	14.8	14.9	14.9	15.0	14.9	14.9	14.7	14.4	14.3	14.3	14.3	14.3	14.3	14.5	14.1	15.0	0.9
6/21/07	14.1	14.1	14.1	14.1	14.0	13.9	13.9	13.9	13.9	14.0	14.3	14.5	14.7	14.8	14.8	14.8	14.7	14.5	14.1	14.0	14.0	14.1	14.1	14.1	14.2	13.9	14.8	0.9
6/22/07	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.8	13.9	14.1	14.5	14.6	14.8	14.7	14.6	14.6	14.4	14.0	13.9	14.0	14.1	14.1	14.1	14.1	13.8	14.8	1.0
6/23/07	13.9	13.9	13.9	13.9	13.9	13.9	13.8	13.7	13.6	13.9	14.1	14.4	14.6	14.6	14.6	14.5	14.5	14.3	13.9	13.9	13.9	13.9	13.9	13.9	14.1	13.6	14.6	1.0
6/24/07	13.9	13.9	13.7	13.6	13.6	13.6	13.5	13.4	13.4	13.6	13.9	14.0	14.3	14.3	14.3	14.3	14.3	14.0	13.7	13.6	13.6	13.6	13.6	13.6	13.8	13.4	14.3	0.9
6/25/07	13.6	13.6	13.5	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.7	13.9	14.0	14.1	14.1	14.1	14.0	13.8	13.5	13.4	13.4	13.4	13.5	13.5	13.6	13.3	14.1	0.8
6/26/07	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.5	13.7	14.0	14.2	14.3	14.3	14.3	14.1	13.9	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.3	14.3	1.0
6/27/07	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.5	13.9	14.1	14.3	14.3	14.3	14.3	14.3	14.1	13.8	13.6	13.6	13.6	13.6	13.6	13.7	13.4	14.3	0.9
6/28/07	13.5	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.3	14.1	13.7	13.9	14.0	14.1	14.1	14.1	13.9	13.8	13.5	13.4	13.4	13.4	13.4	13.3	13.6	13.3	14.1	0.8
6/29/07	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.5	13.9	14.0	14.1	14.2	14.2	14.0	13.9	13.7	13.6	13.6	13.6	13.6	13.5	13.6	13.3	14.2	0.9
6/30/07	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.3	13.5	13.9	13.9	14.0	14.0	13.9	13.9	13.6	13.4	13.4	13.3	13.3	13.3	13.3	13.5	13.3	14.0	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	11.0	Minimum	10.6
Mean Daily Mean	13.3	Mean Minimum	12.9
Maximum Daily Mean	14.5		
		Maximum	15.0
Minumum Range	0.6	Mean Maximum	13.8
Maximum Range	1.6		
		Mean Range	1.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Tiger Creek Afterbay
Station NFMR4
Hourly Temperature Recording (ºC)
July 2007

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
7/1/07	13.3	13.2	13.1	12.9	12.9	12.9	12.9	12.8	12.8	12.9	13.2	13.4	13.5	13.8	13.9	13.9	13.5	13.3	12.9	12.8	12.6	12.6	12.6	12.6	13.1	12.6	13.9	1.3
7/2/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.9	13.2	13.3	13.4	13.4	13.4	13.3	12.9	12.6	12.6	12.6	12.3	12.1	12.1	12.8	12.1	13.4	1.3
7/3/07	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.4	12.6	12.7	12.9	12.9	12.8	12.6	12.4	12.0	11.6	11.6	11.6	11.6	11.5	12.1	11.5	12.9	1.4
7/4/07	11.5	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.4	11.6	11.9	12.2	12.6	12.6	12.6	12.6	12.6	12.2	11.8	11.6	11.6	11.5	11.5	11.4	11.8	11.4	12.6	1.2
7/5/07	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.7	12.0	12.5	12.6	12.7	12.8	12.8	12.6	12.4	12.0	12.0	11.9	11.8	11.8	11.7	12.0	11.4	12.8	1.4
7/6/07	11.7	11.7	11.7	11.6	11.6	11.6	11.6	11.7	12.0	12.0	12.3	12.6	12.7	12.9	12.9	12.9	12.8	12.6	12.3	12.0	12.0	12.0	12.0	12.0	12.1	11.6	12.9	1.3
7/7/07	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	12.0	12.3	12.6	12.7	12.9	12.9	12.9	12.7	12.6	12.0	12.0	12.0	11.9	11.8	11.7	12.2	11.7	12.9	1.2
7/8/07	11.9	12.0	12.0	11.8	11.6	11.6	11.6	11.6	11.6	11.7	12.0	12.4	12.6	12.6	12.6	12.6	12.6	12.3	12.0	11.7	11.6	11.6	11.6	11.6	12.0	11.6	12.6	1.0
7/9/07	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.0	12.4	12.6	12.6	12.6	12.6	12.6	12.3	12.0	11.6	11.6	11.6	11.6	11.6	11.9	11.6	12.6	1.0
7/10/07	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	12.0	12.0	12.4	12.6	12.6	12.2	12.0	12.0	12.0	11.7	11.6	11.6	11.6	11.6	11.8	11.6	12.6	1.0
7/11/07	11.6	11.6	11.6	11.5	11.5	11.5	11.4	11.3	11.3	11.5	11.6	12.0	12.3	12.6	12.6	12.6	12.3	12.0	11.6	11.4	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
7/12/07	11.3	11.3	11.3	11.4	11.5	11.5	11.5	11.5	11.5	11.6	12.0	12.4	12.6	12.6	12.6	12.6	12.6	12.1	11.7	11.6	11.5	11.3	11.3	11.3	11.8	11.3	12.6	1.3
7/13/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.8	12.2	12.6	12.6	12.6	12.6	12.6	12.0	11.7	11.5	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
7/14/07	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.6	12.0	12.4	12.6	12.6	12.6	12.6	12.6	12.2	11.9	11.6	11.6	11.5	11.5	11.5	11.8	11.4	12.6	1.2
7/15/07	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.4	11.6	11.9	12.3	12.6	12.6	12.6	12.6	12.6	12.1	11.7	11.5	11.4	11.3	11.3	11.3	11.8	11.3	12.6	1.3
7/16/07	11.3	11.3	11.3	11.3	11.4	11.5	11.5	11.5	11.5	11.6	12.0	12.4	12.6	12.6	12.6	12.6	12.6	12.0	11.7	11.6	11.5	11.3	11.3	11.3	11.8	11.3	12.6	1.3
7/17/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.6	11.9	12.3	12.6	12.6	12.6	12.6	12.6	12.0	11.7	11.4	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
7/18/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	11.7	12.0	12.4	12.6	12.6	12.6	12.2	11.9	11.6	11.5	11.3	11.3	11.3	11.7	11.3	12.6	1.3
7/19/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.5	11.6	12.0	12.6	12.6	12.8	12.9	12.9	12.7	12.6	12.0	12.0	12.0	11.6	11.6	11.6	11.9	11.3	12.9	1.6
7/20/07	11.7	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.6	12.9	13.3	13.5	13.6	13.6	13.4	13.2	12.8	12.6	12.6	12.6	12.6	12.6	12.6	11.7	13.6	1.9
7/21/07	12.6	12.4	12.1	12.0	12.0	12.0	11.9	11.6	11.6	11.7	12.0	12.2	12.6	12.6	12.6	12.4	12.0	11.6	11.3	11.2	11.0	11.0	10.9	10.8	11.8	10.8	12.6	1.8
7/22/07	10.8	10.8	10.9	11.0	11.0	11.0	11.0	11.3	11.2	11.3	11.5	11.9	12.0	12.6	12.6	12.1	11.9	11.5	11.3	11.0	10.8	10.8	10.8	10.7	11.3	10.7	12.6	1.9
7/23/07	10.6	10.6	10.7	10.8	10.9	11.0	11.0	11.3	11.3	11.3	11.5	11.7	12.0	12.4	12.0	11.7	11.5	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	10.6	12.4	1.8
7/24/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.9	12.0	12.0	12.0	12.0	11.6	11.3	11.3	11.3	11.3	11.0	11.0	11.4	11.0	12.0	1.0
7/25/07	11.0	11.0	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	12.0	12.4	12.6	12.6	12.6	12.4	11.9	11.5	11.3	11.3	11.3	11.3	11.3	11.6	11.0	12.6	1.6
7/26/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	12.0	12.2	12.6	12.9	13.0	13.1	13.0	12.7	12.4	12.0	11.8	11.7	11.7	11.6	11.6	11.9	11.3	13.1	1.8
7/27/07	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.0	12.3	12.6	12.6	12.6	12.6	12.4	11.9	11.6	11.3	11.3	11.3	11.3	11.3	11.8	11.3	12.6	1.3
7/28/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.7	12.0	12.4	12.6	12.6	12.6	12.1	11.8	11.4	11.3	11.3	11.3	11.3	11.1	11.6	11.1	12.6	1.5
7/29/07	11.0	11.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	12.0	12.2	12.6	12.6	12.6	12.0	11.7	11.3	11.3	11.3	11.1	11.0	11.0	11.5	11.0	12.6	1.6
7/30/07	11.0	11.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	12.0	12.4	12.6	12.6	12.6	12.0	11.7	11.4	11.3	11.3	11.3	11.1	11.0	11.6	11.0	12.6	1.6
7/31/07	11.0	11.0	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	12.0	12.4	12.6	12.6	12.6	12.2	11.7	11.4	11.3	11.3	11.3	11.3	11.3	11.6	11.0	12.6	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	11.3	Minimum	10.6
Mean Daily Mean	11.9	Mean Minimum	11.3
Maximum Daily Mean	13.1		
		Maximum	13.9
Minumum Range	1.0	Mean Maximum	12.7
Maximum Range	1.9		
		Mean Range	1.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Tiger Creek Afterbay
Station NFMR4
Hourly Temperature Recording (ºC)
August 2007

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
8/1/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.7	12.0	12.6	12.6	12.6	12.6	12.6	12.2	11.7	11.5	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/2/07	11.3	11.3	11.3	11.4	11.5	11.5	11.6	11.6	11.6	11.7	12.0	12.0	12.6	12.7	12.8	12.7	12.6	12.2	11.7	11.5	11.4	11.3	11.3	11.3	11.8	11.3	12.8	1.5
8/3/07	11.3	11.3	11.3	11.4	11.5	11.5	11.5	11.5	11.5	11.6	12.0	12.4	12.6	12.6	12.8	12.7	12.6	12.2	11.7	11.5	11.3	11.3	11.3	11.3	11.8	11.3	12.8	1.5
8/4/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.9	12.4	12.6	12.6	12.6	12.6	12.6	12.0	11.6	11.3	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/5/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.6	11.3	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/6/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.5	11.3	11.3	11.3	11.3	11.3	11.6	11.3	12.6	1.3
8/7/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.9	12.2	12.6	12.6	12.6	12.2	11.7	11.4	11.3	11.3	11.3	11.3	11.3	11.6	11.3	12.6	1.3
8/8/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	12.0	12.4	12.6	12.6	12.6	12.6	12.0	11.6	11.3	11.3	11.3	11.3	11.3	11.6	11.3	12.6	1.3
8/9/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.7	12.2	12.6	12.6	12.6	12.6	12.6	12.0	11.6	11.3	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/10/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.7	12.2	12.6	12.6	12.6	12.6	12.6	12.0	11.5	11.3	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/11/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.6	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.6	11.4	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/12/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.7	12.2	12.6	12.6	12.6	12.6	12.6	12.0	11.6	11.3	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/13/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.7	12.2	12.6	12.6	12.6	12.6	12.6	12.2	11.6	11.4	11.3	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/14/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.5	11.7	12.4	12.6	12.6	12.6	12.6	12.6	12.4	11.9	11.6	11.5	11.3	11.3	11.3	11.7	11.3	12.6	1.3
8/15/07	11.3	11.3	11.3	11.4	11.5	11.5	11.6	11.6	11.6	11.6	12.0	12.6	12.6	12.9	12.9	12.9	12.7	12.6	12.0	11.7	11.6	11.6	11.6	11.6	11.9	11.3	12.9	1.6
8/16/07	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.0	12.2	12.6	12.7	12.9	12.9	12.9	12.7	12.6	12.2	12.0	11.7	11.6	11.6	11.6	12.0	11.5	12.9	1.4
8/17/07	11.6	11.6	11.6	11.6	11.7	12.0	12.0	12.0	12.0	12.0	12.2	12.6	12.8	12.9	13.2	12.9	12.7	12.6	12.0	11.9	11.6	11.6	11.6	11.6	12.1	11.6	13.2	1.6
8/18/07	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.0	12.6	12.6	12.7	12.9	12.8	12.6	12.4	11.9	11.6	11.5	11.5	11.4	11.3	11.9	11.3	12.9	1.6
8/19/07	11.3	11.4	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.9	12.4	12.6	12.6	12.6	12.6	12.6	12.4	11.9	11.6	11.5	11.5	11.4	11.3	11.8	11.3	12.6	1.3
8/20/07	11.3	11.4	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.9	12.4	12.6	12.6	12.8	12.7	12.6	12.6	12.0	11.6	11.6	11.6	11.6	11.6	11.9	11.3	12.8	1.5
8/21/07	11.6	11.6	11.6	11.6	11.6	11.7	12.0	12.0	12.0	12.0	12.2	12.6	12.8	13.0	13.3	13.2	12.9	12.6	12.6	12.0	12.0	12.0	12.0	12.0	12.2	11.6	13.3	1.7
8/22/07	12.0	12.0	12.0	12.0	12.2	12.6	12.6	12.6	12.6	12.6	12.6	12.8	13.2	13.3	13.5	13.4	13.3	12.9	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.0	13.5	1.5
8/23/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	13.6	13.2	13.4	13.7	13.9	13.9	13.9	13.5	13.2	12.8	12.6	12.6	12.6	12.6	12.6	13.0	12.6	13.9	1.3
8/24/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.8	13.3	13.5	13.9	13.9	13.9	13.7	13.3	12.9	12.7	12.6	12.6	12.6	12.6	12.9	12.6	13.9	1.3
8/25/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.9	13.3	13.7	13.9	13.9	13.9	13.8	13.3	13.0	12.8	12.7	12.6	12.6	12.6	13.0	12.6	13.9	1.3
8/26/07	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.8	12.8	12.8	13.0	13.4	13.8	13.9	13.9	13.9	13.8	13.4	13.0	12.9	12.8	12.8	12.6	12.6	13.0	12.6	13.9	1.3
8/27/07	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	13.0	13.4	13.9	13.9	13.9	13.9	13.9	13.4	13.2	12.9	12.9	12.9	12.8	12.8	13.1	12.6	13.9	1.3
8/28/07	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	13.2	13.6	13.9	14.0	14.2	14.3	13.9	13.6	13.3	13.3	13.3	12.9	12.9	12.9	13.2	12.8	14.3	1.5
8/29/07	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.6	13.9	14.2	14.3	14.3	14.0	13.8	13.4	13.3	13.3	13.3	13.3	13.3	13.3	12.9	14.3	1.4
8/30/07	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.8	14.0	14.3	14.5	14.5	14.3	14.0	13.9	13.9	13.9	13.9	13.9	13.8	13.7	13.3	14.5	1.2
8/31/07	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.3	14.5	14.3	14.0	13.9	13.9	13.7	13.6	13.5	13.4	13.4	13.9	13.4	14.5	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	11.6	Minimum	11.3
Mean Daily Mean	12.2	Mean Minimum	11.8
Maximum Daily Mean	13.9		
		Maximum	14.5
Minumum Range	1.1	Mean Maximum	13.2
Maximum Range	1.7		
		Mean Range	1.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR below Tiger Creek Afterbay
Station NFMR4
Hourly Temperature Recording (ºC)
September 2007

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
9/1/07	13.4	13.4	13.6	13.6	13.6	13.6	13.5	13.6	13.6	13.6	13.7	14.0	14.5	14.6	14.8	14.6	14.5	14.1	13.9	13.8	13.6	13.6	13.5	13.4	13.8	13.4	14.8	1.4
9/2/07	13.3	13.3	13.3	13.3	13.4	13.4	13.5	13.6	13.6	13.8	13.9	14.2	14.6	15.0	15.3	15.0	14.6	14.2	13.9	13.9	13.9	13.9	13.9	13.6	13.9	13.3	15.3	2.0
9/3/07	13.6	13.6	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.4	14.7	14.9	15.3	14.9	14.6	14.3	13.9	13.9	13.9	13.9	13.9	13.9	14.1	13.6	15.3	1.7
9/4/07	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.3	14.6	14.9	15.3	15.0	14.6	14.4	14.0	13.9	13.9	13.9	13.9	13.9	14.1	13.9	15.3	1.4
9/5/07	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.2	14.6	14.6	14.6	14.6	14.4	14.0	13.9	13.9	13.7	13.6	13.6	13.6	14.0	13.6	14.6	1.0
9/6/07	13.6	13.6	13.7	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.2	14.6	14.7	14.8	14.7	14.6	14.2	13.9	13.9	13.9	13.9	13.9	13.9	14.1	13.6	14.8	1.2
9/7/07	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.4	14.7	15.0	15.3	15.0	14.7	14.5	14.2	14.0	13.9	13.9	13.9	13.9	14.2	13.9	15.3	1.4
9/8/07	13.9	13.9	13.9	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.6	15.0	15.3	15.3	15.3	15.0	14.6	14.3	14.3	14.2	14.1	14.1	13.9	14.4	13.9	15.3	1.4
9/9/07	13.9	14.0	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.5	14.7	15.3	15.3	15.3	15.3	15.3	14.9	14.6	14.6	14.4	14.3	14.3	14.3	14.6	13.9	15.3	1.4
9/10/07	14.3	14.3	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	15.1	15.3	15.5	15.6	15.5	15.3	15.3	14.8	14.6	14.6	14.6	14.6	14.6	14.8	14.3	15.6	1.3
9/11/07	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.8	14.9	15.0	15.3	15.5	15.7	15.9	15.8	15.5	15.3	15.3	15.2	14.9	14.9	14.8	14.8	15.0	14.6	15.9	1.3
9/12/07	14.8	14.8	14.9	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.7	15.9	15.9	15.9	15.7	15.3	15.3	15.3	15.3	15.2	14.9	14.8	15.3	14.8	15.9	1.1
9/13/07	14.8	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.0	15.3	15.5	15.8	15.9	15.8	15.4	15.3	15.0	14.7	14.6	14.6	14.6	14.6	15.0	14.6	15.9	1.3
9/14/07	14.4	14.3	14.2	13.9	13.9	13.9	13.9	13.9	13.7	13.6	13.8	13.9	14.2	14.3	14.3	14.2	13.9	13.7	13.3	13.3	13.3	13.3	13.3	13.3	13.8	13.3	14.4	1.1
9/15/07	13.3	13.3	13.3	13.3	13.2	12.9	12.9	12.9	12.9	12.9	13.0	13.3	13.7	13.9	13.9	13.9	13.5	13.3	12.9	12.9	12.9	12.8	12.8	12.8	13.2	12.8	13.9	1.1
9/16/07	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.3	13.6	13.9	13.9	13.9	13.6	13.3	13.0	12.9	12.9	12.9	12.9	12.9	13.1	12.8	13.9	1.1
9/17/07	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.3	13.8	13.9	13.9	13.9	13.7	13.3	13.3	12.9	12.9	12.9	12.9	12.9	13.2	12.9	13.9	1.0
9/18/07	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.2	13.3	13.8	13.9	13.9	13.9	13.6	13.3	13.2	12.9	12.9	12.9	12.9	12.9	13.2	12.9	13.9	1.0
9/19/07	12.9	12.9	12.9	13.2	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.3	13.3	13.4	13.3	13.3	13.3	12.9	12.8	12.6	12.6	12.6	12.7	12.8	13.0	12.6	13.4	0.8
9/20/07	12.8	12.8	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.9	13.0	13.0	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.6	13.0	0.4
9/21/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.9	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.9	0.3
9/22/07	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	0.0
9/23/07	12.0	12.2	12.2	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.2	12.0	12.0	12.0	12.0	12.0	12.2	12.0	12.6	0.6
9/24/07	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.6	12.0	12.0	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.0	12.0	12.0	12.0	12.0	12.0	12.2	11.6	12.6	1.0
9/25/07	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.6	13.6	13.4	13.4	13.2	12.9	12.6	12.5	12.2	12.1	12.0	12.0	12.0	12.4	12.0	13.6	1.6
9/26/07	12.0	12.0	12.0	12.0	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.9	12.6	12.6	12.6	12.6	12.4	11.9	11.6	11.4	11.3	11.3	11.3	11.3	11.8	11.3	12.6	1.3
9/27/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.7	12.4	12.4	12.2	12.6	12.0	11.7	11.6	11.4	11.3	11.3	11.3	11.3	11.6	11.3	12.6	1.3
9/28/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.5	11.7	12.0	11.9	11.6	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.3	12.0	0.7
9/29/07	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.7	12.0	12.0	12.0	11.5	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.3	12.0	0.7
9/30/07	11.3	11.3	11.2	11.2	11.0	11.0	11.0	10.8	10.9	11.0	11.2	11.3	11.4	11.7	12.0	11.7	11.4	11.3	11.3	11.1	11.0	11.3	11.3	11.1	11.2	10.8	12.0	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	11.2	Minimum	10.8
Mean Daily Mean	13.3	Mean Minimum	12.9
Maximum Daily Mean	15.3		
		Maximum	15.9
Minumum Range	0.0	Mean Maximum	14.0
Maximum Range	2.0		
		Mean Range	1.1
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR at Electra Diversion Dam
Station NFMR5
Hourly Temperature Recording (ºC)
April 2007

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
4/1/07	9.8	10.0	10.0	9.9	9.3	8.7	8.5	8.3	8.1	8.0	8.0	8.0	7.8	7.9	8.0	8.4	8.7	9.1	9.6	9.9	10.1	10.2	10.3	10.5	9.0	7.8	10.5	2.6
4/2/07	10.5	10.6	10.6	10.5	10.2	9.5	9.2	9.0	8.8	8.7	8.6	8.6	8.4	8.5	8.6	8.7	9.3	9.7	10.1	10.7	11.0	11.1	11.3	11.4	9.7	8.4	11.4	2.9
4/3/07	11.5	11.6	11.6	11.4	10.8	10.3	9.9	9.7	9.5	9.4	9.4	9.4	9.3	9.3	9.4	9.8	10.2	10.6	11.1	11.5	11.8	12.0	12.1	12.3	10.6	9.3	12.3	3.0
4/4/07	12.4	12.4	12.2	11.5	11.1	10.7	10.4	10.2	9.9	9.8	9.7	9.8	9.7	9.8	10.0	10.2	10.6	11.0	11.5	11.8	12.0	12.2	12.3	12.2	11.0	9.7	12.4	2.7
4/5/07	11.8	11.7	11.1	11.0	10.9	10.6	10.7	10.6	10.6	10.7	10.7	10.6	10.6	10.8	10.9	11.1	11.4	11.8	12.2	12.6	12.8	12.9	13.0	12.8	11.4	10.6	13.0	2.4
4/6/07	12.5	12.0	11.7	11.5	11.3	11.3	11.2	11.1	11.1	11.2	11.2	11.1	10.9	11.1	11.2	11.5	11.9	12.3	12.8	13.3	13.6	13.8	13.9	13.8	12.0	10.9	13.9	3.1
4/7/07	12.9	12.5	12.2	11.9	11.7	11.7	11.6	11.5	11.4	11.3	11.5	11.6	11.5	11.6	11.7	11.9	12.4	12.9	13.3	13.6	13.8	13.9	13.9	13.9	12.4	11.3	13.9	2.6
4/8/07	13.3	12.8	12.6	12.4	12.3	12.3	12.2	12.0	12.1	12.1	12.0	12.1	11.9	12.2	12.3	12.5	12.9	13.3	13.7	13.9	14.1	14.2	14.1	13.9	12.8	11.9	14.2	2.3
4/9/07	13.2	12.8	12.5	12.2	12.1	12.1	12.0	11.9	11.8	11.9	11.7	11.9	11.8	12.0	12.1	12.2	12.6	13.0	13.5	13.8	13.9	14.1	13.9	13.6	12.6	11.7	14.1	2.3
4/10/07	13.0	12.6	12.3	12.0	11.8	11.7	11.5	11.3	11.1	11.0	10.9	10.9	10.8	11.0	11.2	11.3	11.8	12.1	12.6	12.9	13.2	13.3	13.4	13.0	11.9	10.8	13.4	2.6
4/11/07	12.4	12.1	11.7	11.4	11.2	11.0	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.5	10.6	10.6	10.6	10.7	10.8	10.9	11.0	11.0	11.0	10.9	10.5	12.4	1.9
4/12/07	10.9	10.8	10.7	10.6	10.4	10.2	10.1	10.0	9.8	9.8	9.8	9.7	9.5	9.6	9.7	9.8	9.9	10.4	10.6	11.0	11.2	11.4	11.4	11.3	10.4	9.5	11.4	1.9
4/13/07	10.9	10.4	10.1	9.8	9.6	9.3	9.0	8.8	8.6	8.6	8.5	8.5	8.3	8.5	8.7	8.8	9.2	9.6	10.1	10.6	10.9	11.1	11.2	11.0	9.6	8.3	11.2	2.9
4/14/07	10.5	9.9	9.5	9.3	9.0	9.0	8.8	8.8	8.7	8.7	8.6	8.6	8.6	8.6	8.6	8.7	8.8	8.9	9.0	9.1	9.1	9.1	9.1	9.1	9.0	8.6	10.5	1.9
4/15/07	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.5	8.7	9.0	9.3	9.8	10.2	10.4	10.3	9.9	9.3	8.9	8.7	9.0	8.4	10.4	2.0
4/16/07	8.8	8.8	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.3	9.6	10.0	10.4	10.9	11.2	11.3	11.1	10.7	10.2	9.9	9.7	9.8	9.7	8.8	11.3	2.5
4/17/07	10.0	10.2	10.4	10.5	10.6	10.6	10.6	10.6	10.5	10.6	10.6	10.8	11.0	11.2	11.4	11.5	11.5	11.3	11.2	11.0	10.7	10.4	10.3	10.2	10.7	10.0	11.5	1.5
4/18/07	10.2	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.7	9.7	9.7	9.9	9.9	10.0	10.0	10.1	10.2	10.1	9.8	9.5	9.2	8.9	8.8	9.8	8.8	10.2	1.4
4/19/07	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.2	8.2	8.2	8.3	8.5	8.5	8.5	8.4	8.1	7.9	7.6	7.5	7.4	7.4	8.3	7.4	8.7	1.3
4/20/07	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.4	7.5	7.6	7.9	8.1	8.2	8.2	8.1	8.0	7.8	7.7	7.6	7.6	7.6	7.6	7.3	8.2	0.9
4/21/07	7.7	7.8	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.4	8.6	8.8	8.9	9.1	9.1	8.9	8.8	8.6	8.5	8.4	8.4	8.4	8.3	7.7	9.1	1.4
4/22/07	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.3	8.1	8.0	7.9	7.9	8.5	7.9	8.6	0.7
4/23/07	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.1	7.2	7.4	7.7	8.0	8.5	8.9	9.2	9.2	9.0	8.8	8.5	8.4	8.4	8.6	8.0	7.1	9.2	2.0
4/24/07	8.7	9.0	9.1	9.2	9.2	9.2	9.1	9.0	8.9	8.9	9.0	9.3	9.6	10.0	10.5	10.9	11.2	11.2	11.1	10.9	10.6	10.5	10.6	10.7	9.9	8.7	11.2	2.5
4/25/07	10.9	11.0	11.1	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.9	11.0	11.3	11.6	12.0	12.3	12.4	12.2	11.9	11.7	11.5	11.5	11.5	11.6	11.4	10.8	12.4	1.6
4/26/07	11.6	11.7	11.7	11.6	11.6	11.5	11.4	11.4	11.3	11.3	11.4	11.5	11.8	12.1	12.5	12.9	13.1	13.1	12.9	12.5	12.2	12.1	12.2	12.3	12.0	11.3	13.1	1.8
4/27/07	12.4	12.5	12.6	12.6	12.5	12.5	12.4	12.3	12.2	12.2	12.2	12.4	12.7	13.1	13.5	13.9	14.2	14.2	14.0	13.8	13.6	13.5	13.6	13.7	13.0	12.2	14.2	2.0
4/28/07	13.9	14.0	14.0	14.0	13.9	13.8	13.6	13.5	13.4	13.4	13.5	13.6	13.8	14.2	14.7	15.0	15.2	15.1	15.0	14.6	14.4	14.2	14.2	14.3	14.1	13.4	15.2	1.8
4/29/07	14.4	14.5	14.4	14.4	14.3	14.2	14.1	13.9	13.9	13.8	13.9	14.1	14.3	14.6	14.9	15.1	15.1	15.0	14.9	14.6	14.4	14.1	14.0	14.0	14.4	13.8	15.1	1.3
4/30/07	14.1	14.1	14.1	14.1	14.0	13.9	13.8	13.7	13.6	13.6	13.7	13.8	14.0	14.3	14.6	14.9	15.0	14.9	14.7	14.3	14.0	13.8	13.9	13.9	14.1	13.6	15.0	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	7.6	Minimum	7.1
Mean Daily Mean	10.7	Mean Minimum	9.9
Maximum Daily Mean	14.4		
		Maximum	15.2
Minumum Range	0.7	Mean Maximum	11.9
Maximum Range	3.1		
		Mean Range	2.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR at Electra Diversion Dam
Station NFMR5
Hourly Temperature Recording (ºC)
May 2007

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
5/1/07	14.0	14.1	14.1	14.0	14.0	13.8	13.7	13.6	13.5	13.5	13.6	13.8	14.0	14.2	14.5	14.7	14.7	14.5	14.3	14.0	13.7	13.5	13.5	13.5	14.0	13.5	14.7	1.2
5/2/07	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.5	13.5	13.4	13.3	13.3	13.2	13.2	13.1	13.0	12.8	12.8	12.7	12.6	12.5	12.3	12.1	11.8	13.1	11.8	13.7	1.9
5/3/07	11.6	11.5	11.3	11.2	11.0	10.8	10.6	10.4	10.3	10.2	10.3	10.4	10.5	10.6	10.8	10.8	10.6	10.2	9.9	9.6	9.6	9.5	9.5	9.6	10.5	9.5	11.6	2.1
5/4/07	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.7	9.8	9.9	10.2	10.5	10.7	10.7	10.5	10.2	9.8	9.5	9.2	9.8	9.2	10.7	1.5
5/5/07	9.0	9.0	9.0	8.9	8.8	8.8	8.8	8.8	8.8	8.9	9.0	9.3	9.6	10.0	10.5	10.9	11.0	11.0	10.8	10.5	10.1	9.8	9.6	9.4	9.6	8.8	11.0	2.2
5/6/07	9.3	9.2	9.1	9.0	9.0	9.0	9.0	9.0	9.1	9.2	9.4	9.8	10.2	10.6	11.2	11.8	12.1	12.3	12.1	11.7	11.1	10.8	10.6	10.5	10.2	9.0	12.3	3.3
5/7/07	10.5	10.4	10.4	10.5	10.5	10.6	10.6	10.5	10.6	10.6	10.8	11.1	11.5	11.9	12.5	13.0	13.4	13.5	13.4	13.0	12.5	12.1	11.8	11.7	11.6	10.4	13.5	3.1
5/8/07	11.7	11.8	11.8	11.9	11.9	11.9	11.9	12.0	12.0	12.1	12.3	12.6	13.0	13.4	14.0	14.5	15.0	15.2	15.2	14.8	14.2	13.7	13.3	13.1	13.1	11.7	15.2	3.5
5/9/07	13.1	13.2	13.3	13.4	13.4	13.5	13.6	13.6	13.7	13.8	14.0	14.2	14.4	14.8	15.2	15.8	16.2	16.5	16.5	16.1	15.5	14.9	14.5	14.3	14.5	13.1	16.5	3.4
5/10/07	14.2	14.2	14.2	14.1	14.1	14.1	14.1	14.2	14.2	14.3	14.5	14.7	15.0	15.3	15.8	16.2	16.6	16.9	17.0	16.8	16.6	16.1	15.6	15.2	15.2	14.1	17.0	2.9
5/11/07	14.9	14.6	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.2	14.3	14.3	14.5	14.9	15.4	15.9	16.4	16.9	17.3	17.3	17.1	16.6	16.0	15.6	15.3	14.2	17.3	3.1
5/12/07	15.2	14.9	14.8	14.7	14.5	14.4	14.3	14.2	14.1	14.1	14.1	14.2	14.3	14.7	15.2	15.8	16.2	16.7	17.1	17.0	16.8	16.3	15.7	15.2	15.2	14.1	17.1	3.0
5/13/07	14.9	14.6	14.4	14.3	14.1	14.1	14.0	13.9	13.8	13.8	13.8	13.9	14.0	14.5	15.0	15.6	16.1	16.6	16.9	16.8	16.5	16.0	15.4	14.9	14.9	13.8	16.9	3.1
5/14/07	14.6	14.3	14.1	13.9	13.7	13.5	13.3	13.2	13.0	12.9	12.9	13.0	13.0	13.3	13.7	14.2	14.7	15.1	15.5	15.6	15.4	14.9	14.5	14.0	14.0	12.9	15.6	2.7
5/15/07	13.6	13.4	13.1	12.9	12.8	12.7	12.6	12.5	12.5	12.5	12.5	12.6	12.7	13.0	13.4	14.1	14.5	15.0	15.5	15.6	15.5	15.0	14.6	14.1	13.6	12.5	15.6	3.2
5/16/07	13.7	13.6	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.2	13.2	13.4	13.4	13.8	14.3	14.9	15.4	16.0	16.3	16.4	16.2	15.8	15.3	14.8	14.3	13.1	16.4	3.3
5/17/07	14.4	14.2	14.0	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.9	14.0	14.0	14.4	14.8	15.4	15.8	16.3	16.6	16.7	16.3	15.8	15.2	14.6	14.7	13.8	16.7	2.9
5/18/07	14.3	14.0	13.9	13.8	13.6	13.4	13.2	12.9	12.6	12.5	12.5	12.6	12.8	13.1	13.3	13.5	13.5	13.4	13.0	12.6	12.2	12.0	11.9	11.9	13.0	11.9	14.3	2.4
5/19/07	11.9	11.9	11.9	11.8	11.7	11.6	11.6	11.5	11.4	11.4	11.5	11.7	12.0	12.3	12.5	12.6	12.5	12.3	12.1	12.0	11.7	11.7	11.7	11.8	11.9	11.4	12.6	1.2
5/20/07	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.7	11.9	12.2	12.5	12.7	12.8	12.6	12.5	12.3	12.1	11.9	11.8	11.8	11.8	12.0	11.6	12.8	1.2
5/21/07	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	12.0	12.2	12.4	12.7	13.2	13.6	14.0	14.3	14.6	14.8	14.7	14.4	14.0	13.5	13.1	12.9	11.8	14.8	2.9
5/22/07	12.8	12.6	12.5	12.4	12.4	12.2	12.2	12.1	12.1	12.2	12.2	12.3	12.4	12.8	13.2	13.8	14.4	15.0	15.3	15.4	15.1	14.6	14.1	13.6	13.2	12.1	15.4	3.3
5/23/07	13.3	13.0	12.8	12.7	12.5	12.4	12.3	12.3	12.2	12.2	12.2	12.3	12.4	12.7	13.1	13.7	14.3	14.8	15.0	14.6	13.9	13.4	13.1	12.7	13.1	12.2	15.0	2.8
5/24/07	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	12.0	12.1	12.1	12.3	12.5	12.8	13.0	13.0	12.9	12.8	12.5	12.2	11.9	11.8	11.8	11.8	12.3	11.8	13.0	1.2
5/25/07	11.8	11.8	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.8	12.0	12.3	12.5	12.8	13.1	13.1	13.1	12.9	12.6	12.4	12.2	12.1	12.2	12.2	12.2	11.7	13.1	1.4
5/26/07	12.2	12.1	12.1	12.1	12.2	12.1	12.1	11.9	11.9	11.9	12.0	12.1	12.4	12.6	12.7	12.7	12.6	12.4	12.2	12.0	11.9	11.9	12.0	12.0	12.2	11.9	12.7	0.8
5/27/07	12.1	12.1	12.1	12.0	11.9	11.9	11.9	11.8	11.8	11.9	12.0	12.2	12.4	12.7	12.8	12.8	12.8	12.6	12.5	12.3	12.1	12.1	12.2	12.2	12.2	11.8	12.8	1.0
5/28/07	12.3	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	13.0	12.9	12.8	12.7	12.5	12.4	12.3	12.3	12.4	12.4	12.0	13.0	1.0
5/29/07	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.7	13.0	13.2	13.6	13.9	14.1	14.2	14.2	14.0	13.7	13.4	13.1	12.9	12.8	13.1	12.4	14.2	1.8
5/30/07	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	13.0	13.2	13.5	13.4	14.0	14.4	14.9	15.4	15.9	16.2	16.2	16.3	15.7	15.2	14.7	14.1	12.8	16.3	3.5
5/31/07	14.4	14.1	14.0	13.9	13.9	13.8	13.8	13.8	13.8	13.9	14.0	14.2	14.1	14.6	15.1	15.6	16.2	16.7	16.9	16.9	16.6	16.1	15.7	15.2	14.9	13.8	16.9	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	9.6	Minimum	8.8
Mean Daily Mean	13.0	Mean Minimum	12.1
Maximum Daily Mean	15.3		
		Maximum	17.3
Minumum Range	0.8	Mean Maximum	14.5
Maximum Range	3.5		
		Mean Range	2.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR at Electra Diversion Dam
Station NFMR5
Hourly Temperature Recording (ºC)
June 2007

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
6/1/07	15.0	14.7	14.5	14.3	14.2	14.2	14.2	14.3	14.4	14.5	14.7	14.9	15.1	15.4	15.5	15.5	15.2	14.9	14.5	14.0	13.7	13.5	13.4	13.3	14.5	13.3	15.5	2.2
6/2/07	13.2	13.2	13.1	13.1	13.0	13.0	12.9	12.8	12.8	12.8	12.9	13.2	13.4	13.7	13.7	13.7	13.6	13.4	13.2	13.0	12.8	12.9	12.9	12.9	13.1	12.8	13.7	0.9
6/3/07	12.9	12.9	12.9	12.9	12.8	12.8	12.7	12.7	12.7	12.8	12.9	13.1	13.4	13.6	13.7	13.7	13.6	13.4	13.2	13.0	12.8	12.8	12.8	12.8	13.0	12.7	13.7	1.0
6/4/07	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.2	13.4	13.6	14.0	14.4	14.9	15.2	15.5	15.8	15.6	15.3	14.9	14.5	14.2	13.9	12.8	15.8	3.0
6/5/07	14.0	13.9	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.9	13.9	14.0	14.1	14.2	14.4	14.5	14.5	14.5	14.5	14.0	13.7	14.5	0.8
6/6/07	14.3	14.1	14.0	13.9	13.7	13.5	13.4	13.2	13.2	13.2	13.1	13.2	13.0	13.3	13.4	13.6	13.9	14.3	14.7	14.7	14.7	14.7	14.5	14.3	13.8	13.0	14.7	1.7
6/7/07	14.0	13.8	13.5	13.2	12.7	12.4	12.1	11.9	11.8	11.8	11.8	11.9	11.7	12.1	12.4	12.9	13.2	13.9	14.5	14.8	15.1	15.0	14.5	13.8	13.1	11.7	15.1	3.4
6/8/07	13.2	12.5	12.3	12.1	12.0	11.8	11.7	11.6	11.5	11.6	11.7	11.9	12.2	12.6	13.0	13.1	13.0	12.9	12.6	12.2	11.8	11.6	11.6	11.7	12.2	11.5	13.2	1.7
6/9/07	11.7	11.8	11.8	11.8	11.7	11.7	11.7	11.7	11.7	11.8	11.9	12.2	12.5	12.7	12.8	12.8	12.7	12.5	12.3	12.2	12.0	12.0	12.0	12.1	12.1	11.7	12.8	1.1
6/10/07	12.1	12.1	12.1	12.1	12.1	12.0	12.0	12.0	12.0	12.1	12.3	12.5	12.7	13.0	13.1	13.1	13.0	12.9	12.7	12.6	12.4	12.3	12.2	12.3	12.4	12.0	13.1	1.1
6/11/07	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.7	13.0	13.1	13.6	14.1	14.6	15.1	15.4	15.6	15.8	15.7	15.3	14.8	14.5	13.6	12.3	15.8	3.5
6/12/07	14.2	14.0	13.8	13.6	13.5	13.4	13.3	13.3	13.2	13.3	13.4	13.4	13.4	13.9	14.1	14.6	15.1	15.7	16.3	16.7	17.2	17.3	17.2	17.2	14.6	13.2	17.3	4.1
6/13/07	17.0	16.4	15.8	15.3	14.9	14.5	14.2	14.0	13.8	13.9	14.0	14.1	14.0	14.3	14.6	15.1	15.7	16.3	17.0	17.4	17.8	18.0	18.0	18.0	15.6	13.8	18.0	4.2
6/14/07	17.7	17.3	16.6	16.1	15.6	15.1	14.9	14.6	14.5	14.5	14.5	14.5	14.4	14.7	15.0	15.4	15.9	16.4	17.0	17.5	17.8	18.0	18.0	17.9	16.0	14.4	18.0	3.6
6/15/07	17.7	17.0	16.5	15.9	15.5	15.2	14.9	14.6	14.4	14.4	14.4	14.4	14.3	14.6	14.9	15.2	15.8	16.4	17.0	17.5	17.8	18.1	18.2	18.0	15.9	14.3	18.2	3.9
6/16/07	17.9	17.4	16.8	16.3	15.8	15.3	15.1	14.8	14.7	14.7	14.8	14.8	14.7	15.0	15.3	15.6	16.1	16.7	17.3	17.8	18.1	18.3	18.4	18.3	16.2	14.7	18.4	3.7
6/17/07	18.1	17.5	16.9	16.4	15.9	15.6	15.3	15.0	14.9	14.8	14.9	14.9	14.8	15.1	15.4	15.8	16.2	16.8	17.3	17.8	18.2	18.5	18.5	18.4	16.4	14.8	18.5	3.7
6/18/07	18.2	17.7	17.1	16.6	16.1	15.7	15.5	15.2	15.1	15.1	15.1	15.1	15.0	15.3	15.6	15.9	16.4	17.0	17.7	18.1	18.5	18.7	18.7	18.6	16.6	15.0	18.7	3.6
6/19/07	18.4	17.8	17.2	16.7	16.3	15.8	15.6	15.3	15.2	15.2	15.2	15.2	15.1	15.4	15.7	16.0	16.4	17.1	17.7	18.2	18.5	18.8	18.9	18.7	16.7	15.1	18.9	3.8
6/20/07	18.7	18.1	17.5	16.9	16.5	16.1	15.8	15.5	15.3	15.4	15.4	15.3	15.3	15.5	15.7	16.3	16.7	17.1	17.7	18.1	18.4	18.6	18.6	18.5	16.8	15.3	18.7	3.3
6/21/07	18.4	17.8	17.2	16.6	16.2	15.8	15.5	15.3	15.2	15.1	15.0	15.0	14.9	15.1	15.5	15.9	16.2	16.7	17.3	17.8	18.2	18.4	18.4	18.4	16.5	14.9	18.4	3.6
6/22/07	18.2	17.7	17.0	16.5	16.0	15.7	15.4	15.1	15.0	15.0	14.9	14.9	14.7	15.1	15.3	15.7	16.1	16.7	17.3	17.8	18.1	18.3	18.3	18.3	16.4	14.7	18.3	3.6
6/23/07	18.0	17.4	16.8	16.2	15.8	15.4	15.1	14.9	14.8	14.8	14.7	14.7	14.6	14.9	15.2	15.6	16.0	16.5	17.0	17.6	17.9	18.1	18.1	18.1	16.2	14.6	18.1	3.5
6/24/07	17.7	17.1	16.5	15.9	15.5	15.2	14.9	14.7	14.5	14.4	14.3	14.3	14.1	14.5	14.8	15.0	15.4	15.9	16.5	17.0	17.4	17.6	17.6	17.6	15.8	14.1	17.7	3.6
6/25/07	17.3	16.6	16.1	15.6	15.1	14.8	14.5	14.4	14.2	14.2	14.2	14.2	14.0	14.3	14.6	15.0	15.4	16.0	16.6	17.1	17.5	17.7	17.7	17.7	15.6	14.0	17.7	3.7
6/26/07	17.4	16.7	16.2	15.7	15.3	14.9	14.6	14.4	14.3	14.3	14.4	14.4	14.2	14.6	14.9	15.3	15.7	16.3	16.9	17.4	17.8	17.9	17.9	17.8	15.8	14.2	17.9	3.7
6/27/07	17.6	16.9	16.3	15.8	15.4	15.0	14.7	14.5	14.4	14.5	14.5	14.5	14.3	14.6	14.9	15.3	15.7	16.3	16.8	17.3	17.9	18.0	18.0	18.1	15.9	14.3	18.1	3.8
6/28/07	17.9	17.1	16.5	16.0	15.5	15.1	14.9	14.6	14.5	14.6	14.6	14.6	14.4	14.8	15.1	15.4	15.7	16.2	16.7	17.2	17.7	17.9	17.9	17.9	16.0	14.4	17.9	3.5
6/29/07	17.7	17.0	16.5	16.0	15.5	15.2	14.9	14.7	14.6	14.6	14.6	14.6	14.4	14.7	15.0	15.4	15.7	16.1	16.6	17.1	17.5	17.7	17.8	17.7	15.9	14.4	17.8	3.3
6/30/07	17.5	16.9	16.4	15.9	15.5	15.1	14.9	14.6	14.5	14.6	14.7	14.7	14.4	14.8	15.3	15.5	15.9	16.6	17.1	17.5	17.9	18.0	18.0	17.9	16.0	14.4	18.0	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	12.1	Minimum	11.5
Mean Daily Mean	15.0	Mean Minimum	13.7
Maximum Daily Mean	16.8		
		Maximum	18.9
Minumum Range	0.8	Mean Maximum	16.7
Maximum Range	4.2		
		Mean Range	3.0
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR at Electra Diversion Dam
Station NFMR5
Hourly Temperature Recording (ºC)
July 2007

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
7/1/07	17.4	17.1	16.5	16.1	15.6	15.3	15.0	14.9	14.7	14.7	14.7	14.6	14.4	14.8	15.2	15.5	15.9	16.3	16.8	17.1	17.5	17.7	17.7	17.7	16.0	14.4	17.7	3.3
7/2/07	17.7	17.6	17.5	16.9	16.5	16.2	15.7	15.4	15.0	14.9	14.9	14.8	14.4	14.8	15.0	15.3	15.6	16.0	16.4	16.9	17.2	17.5	17.6	17.6	16.1	14.4	17.7	3.2
7/3/07	17.6	17.6	17.4	17.1	16.6	16.3	15.9	15.4	15.0	14.9	14.9	14.8	14.5	14.7	15.0	15.4	15.7	16.2	16.6	17.0	17.3	17.5	17.6	17.7	16.2	14.5	17.7	3.2
7/4/07	17.7	17.7	17.5	17.1	16.7	16.3	15.9	15.5	15.0	14.9	14.9	14.8	14.5	14.7	14.9	15.3	15.7	16.2	16.6	17.1	17.4	17.5	17.6	17.7	16.2	14.5	17.7	3.2
7/5/07	17.7	17.8	17.5	17.3	16.8	16.5	16.0	15.6	15.2	15.0	14.9	14.9	14.6	14.8	15.0	15.3	15.7	16.2	16.6	17.0	17.3	17.4	17.6	17.7	16.3	14.6	17.8	3.2
7/6/07	17.7	17.8	17.6	17.5	17.0	16.6	16.2	15.8	15.4	15.1	15.1	15.1	14.9	15.0	15.3	15.5	16.1	16.7	17.0	17.4	17.8	17.9	18.0	18.1	16.5	14.9	18.1	3.2
7/7/07	18.1	18.1	17.8	17.5	17.1	16.8	16.3	15.9	15.5	15.3	15.3	15.2	14.9	15.0	15.1	15.6	16.1	16.5	16.9	17.2	17.5	17.6	17.7	17.7	16.5	14.9	18.1	3.3
7/8/07	17.8	17.7	17.5	17.2	16.8	16.5	16.0	15.6	15.2	15.1	15.0	14.9	14.6	14.8	14.9	15.2	15.5	16.0	16.4	16.7	17.0	17.1	17.2	17.3	16.2	14.6	17.8	3.2
7/9/07	17.3	17.4	17.2	17.0	16.6	16.3	15.9	15.5	15.1	15.0	15.0	14.9	14.7	14.8	15.0	15.4	16.0	16.1	16.6	17.0	17.3	17.5	17.5	17.6	16.2	14.7	17.6	2.9
7/10/07	17.6	17.6	17.3	17.1	16.6	16.4	15.9	15.5	15.1	15.0	14.9	14.7	14.6	14.7	14.7	15.2	15.6	15.8	15.8	15.9	15.9	16.1	16.2	16.2	15.9	14.6	17.6	3.0
7/11/07	16.3	16.3	16.2	16.1	15.8	15.5	15.2	14.9	14.7	14.6	14.7	14.7	14.4	14.5	14.9	15.2	15.5	15.8	16.1	16.4	16.8	17.0	17.1	17.1	15.7	14.4	17.1	2.8
7/12/07	17.1	17.0	16.7	16.5	16.1	15.8	15.4	15.1	14.7	14.6	14.6	14.4	14.2	14.5	14.8	15.0	15.4	15.7	16.1	16.5	16.8	17.0	17.1	17.2	15.8	14.2	17.2	3.0
7/13/07	17.2	17.1	16.9	16.6	16.2	15.9	15.5	15.0	14.6	14.5	14.6	14.4	14.1	14.5	14.8	15.0	15.3	15.7	16.2	16.4	16.8	17.0	17.1	17.1	15.8	14.1	17.2	3.1
7/14/07	17.2	17.1	16.9	16.6	16.2	15.9	15.4	15.1	14.7	14.5	14.5	14.3	14.1	14.4	14.6	14.9	15.3	15.6	16.1	16.6	16.9	17.1	17.2	17.2	15.8	14.1	17.2	3.1
7/15/07	17.3	17.2	17.2	16.8	16.3	16.0	15.6	15.2	14.8	14.6	14.6	14.6	14.3	14.5	14.7	15.1	15.3	15.8	16.1	16.4	16.8	16.9	17.1	17.1	15.8	14.3	17.3	3.0
7/16/07	17.1	17.1	16.9	16.7	16.2	16.0	15.6	15.2	14.8	14.6	14.6	14.5	14.2	14.5	14.6	14.9	15.2	15.5	15.9	16.3	16.6	16.8	16.9	16.9	15.7	14.2	17.1	2.9
7/17/07	16.9	16.9	16.8	16.4	16.0	15.6	15.2	14.9	14.5	14.4	14.4	14.2	14.0	14.4	14.4	14.5	15.0	15.4	15.6	16.0	16.3	16.4	16.6	16.7	15.5	14.0	16.9	2.9
7/18/07	16.7	16.6	16.6	16.2	15.9	15.5	15.1	14.7	14.4	14.1	14.1	14.0	13.8	13.9	13.9	14.2	14.5	14.7	14.9	15.1	15.4	15.5	15.6	15.7	15.0	13.8	16.7	2.9
7/19/07	15.8	15.8	15.8	15.8	15.6	15.3	14.9	14.6	14.3	14.2	14.1	14.1	13.8	14.0	14.2	14.7	15.0	15.2	15.6	16.0	16.3	16.6	16.7	16.7	15.2	13.8	16.7	2.9
7/20/07	16.7	16.7	16.7	16.2	16.0	15.5	15.2	14.8	14.4	14.3	14.3	14.2	13.9	14.1	14.4	14.8	15.1	15.5	15.8	16.2	16.5	16.7	16.9	16.9	15.5	13.9	16.9	3.0
7/21/07	16.9	16.9	16.9	16.8	16.2	15.8	15.5	15.1	14.8	14.6	14.5	14.5	14.3	14.4	14.7	15.1	15.4	15.8	16.2	16.5	16.9	17.1	17.2	17.2	15.8	14.3	17.2	2.9
7/22/07	17.2	17.2	17.0	16.6	16.2	15.9	15.4	15.0	14.6	14.5	14.5	14.4	13.9	14.1	14.3	14.6	15.1	15.4	15.7	16.1	16.5	16.7	16.8	16.9	15.6	13.9	17.2	3.3
7/23/07	16.9	16.9	16.9	16.6	16.2	15.8	15.4	15.0	14.6	14.3	14.4	14.3	13.9	14.0	14.1	14.4	14.9	15.2	15.3	15.4	15.5	15.7	15.8	15.9	15.3	13.9	16.9	3.0
7/24/07	15.9	16.0	15.9	15.8	15.5	15.2	14.9	14.6	14.4	14.1	14.0	14.1	14.1	14.0	14.3	14.5	14.7	15.0	15.4	15.7	16.0	16.1	16.2	16.3	15.1	14.0	16.3	2.3
7/25/07	16.3	16.3	16.1	15.8	15.6	15.3	15.0	14.7	14.4	14.3	14.4	14.3	14.0	14.1	14.3	14.9	15.3	15.6	16.0	16.4	16.8	16.9	17.0	17.1	15.5	14.0	17.1	3.1
7/26/07	17.1	17.0	16.9	16.6	16.2	15.9	15.5	15.0	14.6	14.7	14.2	14.0	13.9	14.1	14.3	14.8	15.4	15.8	16.1	16.4	16.7	16.9	17.0	17.1	15.7	13.9	17.1	3.2
7/27/07	17.1	17.1	17.0	16.6	16.2	15.9	15.5	15.0	14.6	14.3	14.2	14.1	13.9	14.0	14.3	14.8	15.3	15.7	16.0	16.4	16.6	16.7	16.9	16.9	15.6	13.9	17.1	3.2
7/28/07	16.9	16.9	16.9	16.5	16.1	15.7	15.3	14.9	14.5	14.3	14.2	13.9	13.7	13.9	14.1	14.6	15.0	15.3	15.7	16.2	16.5	16.6	16.7	16.8	15.5	13.7	16.9	3.2
7/29/07	16.8	16.8	16.6	16.3	15.9	15.6	15.2	14.7	14.4	14.1	14.0	13.8	13.6	13.8	14.0	14.5	14.9	15.2	15.7	16.0	16.3	16.5	16.6	16.7	15.3	13.6	16.8	3.2
7/30/07	16.7	16.7	16.6	16.3	15.9	15.5	15.2	14.7	14.3	14.0	13.9	13.8	13.6	13.6	13.8	14.4	15.0	15.2	15.7	16.0	16.3	16.6	16.6	16.7	15.3	13.6	16.7	3.2
7/31/07	16.7	16.8	16.6	16.3	16.0	15.6	15.3	14.8	14.4	14.1	13.9	13.9	13.7	13.7	14.0	14.4	14.8	15.2	15.6	16.1	16.3	16.5	16.6	16.7	15.3	13.7	16.8	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	15.0	Minimum	13.6
Mean Daily Mean	15.7	Mean Minimum	14.2
Maximum Daily Mean	16.5		
		Maximum	18.1
Minumum Range	2.3	Mean Maximum	17.2
Maximum Range	3.3		
		Mean Range	3.1
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR at Electra Diversion Dam
Station NFMR5
Hourly Temperature Recording (ºC)
August 2007

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
8/1/07	16.8	16.8	16.7	16.5	16.2	15.7	15.5	15.0	14.6	14.3	14.1	14.0	13.9	14.0	14.1	14.7	15.3	15.5	15.9	16.2	16.5	16.6	16.7	16.8	15.5	13.9	16.8	2.9
8/2/07	16.9	16.9	16.7	16.5	16.2	15.7	15.5	15.1	14.7	14.3	14.2	14.1	13.9	13.9	14.0	14.3	15.2	15.4	15.6	15.9	16.2	16.3	16.4	16.5	15.4	13.9	16.9	3.0
8/3/07	16.6	16.6	16.6	16.4	16.0	15.6	15.4	14.9	14.6	14.3	14.2	14.1	13.9	13.9	14.2	14.7	15.2	15.6	15.9	16.3	16.6	16.7	16.8	16.9	15.5	13.9	16.9	2.9
8/4/07	16.9	16.8	16.7	16.4	16.1	15.6	15.3	14.9	14.6	14.2	14.1	13.9	13.7	13.9	14.0	14.4	14.8	15.2	15.6	16.0	16.2	16.4	16.4	16.5	15.4	13.7	16.9	3.2
8/5/07	16.6	16.6	16.6	16.3	15.9	15.5	15.1	14.7	14.4	14.1	13.9	13.8	13.6	13.6	13.8	14.3	14.6	15.0	15.3	15.6	15.8	16.0	16.1	16.1	15.1	13.6	16.6	3.0
8/6/07	16.1	16.1	16.1	16.0	15.5	15.1	14.9	14.4	14.1	13.9	13.7	13.5	13.3	13.5	13.6	13.9	14.4	14.7	15.0	15.3	15.6	15.8	15.9	15.9	14.8	13.3	16.1	2.8
8/7/07	15.9	15.9	15.9	15.8	15.4	15.1	14.7	14.3	13.9	13.7	13.6	13.3	13.2	13.3	13.7	14.0	14.3	14.7	15.0	15.3	15.6	15.8	16.0	16.0	14.8	13.2	16.0	2.8
8/8/07	16.0	16.0	16.0	15.9	15.6	15.1	14.8	14.3	14.0	13.7	13.5	13.5	13.3	13.4	13.6	14.1	14.5	14.8	15.2	15.5	15.9	16.0	16.1	16.2	14.9	13.3	16.2	2.9
8/9/07	16.2	16.2	16.2	16.1	15.7	15.3	15.0	14.6	14.2	13.9	13.7	13.7	13.6	13.6	13.7	14.3	14.8	15.0	15.4	15.7	15.9	16.1	16.2	16.2	15.0	13.6	16.2	2.6
8/10/07	16.2	16.2	16.2	16.1	15.5	15.1	14.8	14.4	14.1	13.8	13.7	13.5	13.3	13.3	13.6	14.1	14.5	14.8	15.2	15.6	15.9	16.0	16.1	16.2	14.9	13.3	16.2	2.9
8/11/07	16.2	16.2	16.2	16.1	15.8	15.3	15.0	14.5	14.2	13.8	13.6	13.5	13.5	13.3	13.5	14.2	14.7	14.9	15.1	15.4	15.7	15.9	15.9	16.0	14.9	13.3	16.2	2.9
8/12/07	16.0	16.0	15.9	15.9	15.4	15.1	14.7	14.3	14.0	13.7	13.6	13.4	13.3	13.3	13.6	14.0	14.4	14.8	15.0	15.4	15.7	15.8	15.9	16.0	14.8	13.3	16.0	2.7
8/13/07	16.0	16.0	16.0	15.8	15.4	15.0	14.8	14.4	14.1	13.7	13.6	13.6	13.3	13.3	13.5	13.9	14.4	14.6	15.0	15.3	15.6	15.8	15.9	16.0	14.8	13.3	16.0	2.7
8/14/07	16.0	16.0	16.0	15.9	15.6	15.2	14.9	14.5	14.2	13.9	13.6	13.6	13.5	13.5	13.7	14.1	14.7	15.0	15.3	15.7	15.9	16.1	16.2	16.3	15.0	13.5	16.3	2.8
8/15/07	16.3	16.3	16.3	16.2	15.8	15.4	15.1	14.7	14.3	14.1	13.8	13.8	13.6	13.7	13.8	14.2	15.0	15.2	15.4	15.8	16.2	16.2	16.4	16.4	15.2	13.6	16.4	2.8
8/16/07	16.5	16.5	16.4	16.4	16.1	15.6	15.2	14.8	14.4	14.2	13.9	13.8	13.7	13.7	14.0	14.3	15.0	15.1	15.4	15.7	16.0	16.1	16.2	16.3	15.2	13.7	16.5	2.8
8/17/07	16.3	16.4	16.3	16.3	15.9	15.6	15.2	14.8	14.4	14.1	14.0	13.9	13.7	13.6	13.9	14.4	14.8	15.2	15.5	15.8	16.0	16.2	16.2	16.3	15.2	13.6	16.4	2.8
8/18/07	16.3	16.2	16.2	16.1	15.6	15.3	15.0	14.5	14.3	14.0	13.8	13.6	13.3	13.4	13.6	14.3	14.7	14.9	15.1	15.4	15.7	15.8	15.9	15.9	15.0	13.3	16.3	2.9
8/19/07	16.0	15.9	15.9	15.9	15.5	15.2	14.8	14.4	14.1	13.8	13.6	13.5	13.3	13.2	13.4	13.8	14.4	14.7	15.0	15.3	15.5	15.7	15.8	15.8	14.8	13.2	16.0	2.8
8/20/07	15.8	15.8	15.8	15.8	15.5	15.1	14.8	14.4	14.1	13.8	13.6	13.5	13.4	13.3	13.6	14.0	14.5	14.7	15.2	15.5	15.8	16.0	16.1	16.2	14.8	13.3	16.2	2.9
8/21/07	16.2	16.3	16.3	16.3	16.0	15.7	15.2	14.9	14.5	14.2	14.0	13.8	13.8	13.8	14.0	14.6	14.9	15.3	15.7	16.1	16.4	16.5	16.6	16.7	15.3	13.8	16.7	2.9
8/22/07	16.8	16.8	16.8	16.8	16.6	16.1	15.7	15.4	15.0	14.7	14.4	14.2	14.2	14.3	14.4	14.8	15.4	15.7	16.1	16.5	16.7	16.8	16.9	17.0	15.8	14.2	17.0	2.8
8/23/07	17.1	17.2	17.1	17.1	16.8	16.4	16.1	15.8	15.4	15.1	14.8	14.6	14.5	14.6	14.8	15.4	15.9	16.2	16.4	16.8	17.0	17.1	17.2	17.3	16.1	14.5	17.3	2.8
8/24/07	17.4	17.4	17.4	17.3	17.0	16.7	16.4	16.0	15.6	15.3	15.0	14.9	14.7	14.7	15.1	15.6	15.9	16.2	16.5	16.9	17.1	17.2	17.2	17.4	16.3	14.7	17.4	2.7
8/25/07	17.4	17.4	17.4	17.3	17.0	16.6	16.3	15.9	15.6	15.3	15.1	15.0	14.9	14.8	14.9	15.6	16.1	16.3	16.5	16.9	17.0	17.2	17.2	17.3	16.3	14.8	17.4	2.6
8/26/07	17.4	17.4	17.4	17.4	17.1	16.7	16.4	16.0	15.6	15.3	15.1	15.0	14.9	14.9	15.0	15.6	16.0	16.3	16.5	16.8	17.1	17.1	17.2	17.2	16.3	14.9	17.4	2.5
8/27/07	17.2	17.3	17.3	17.1	16.8	16.5	16.2	15.8	15.5	15.3	15.2	15.0	14.8	14.8	15.0	15.5	16.0	16.4	16.6	16.9	17.1	17.2	17.2	17.3	16.3	14.8	17.3	2.5
8/28/07	17.4	17.4	17.4	17.4	17.0	16.6	16.4	16.0	15.7	15.4	15.2	15.2	15.1	15.0	15.2	15.8	16.1	16.5	16.9	17.1	17.2	17.4	17.5	17.6	16.4	15.0	17.6	2.6
8/29/07	17.7	17.7	17.7	17.7	17.4	17.0	16.7	16.4	16.0	15.8	15.5	15.5	15.3	15.4	15.5	16.0	16.4	16.8	17.1	17.3	17.5	17.6	17.7	17.7	16.7	15.3	17.7	2.4
8/30/07	17.8	17.8	17.8	17.7	17.5	17.1	16.8	16.4	16.1	15.9	15.6	15.6	15.5	15.5	15.6	15.8	16.2	16.7	17.0	17.4	17.6	17.7	17.8	17.9	16.8	15.5	17.9	2.4
8/31/07	17.9	18.0	18.0	17.9	17.6	17.2	17.0	16.7	16.3	16.1	15.8	15.8	15.7	15.6	15.6	15.7	16.0	16.3	16.4	16.6	16.8	17.0	17.1	17.1	16.7	15.6	18.0	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	14.8	Minimum	13.2
Mean Daily Mean	15.5	Mean Minimum	14.0
Maximum Daily Mean	16.8		
		Maximum	18.0
Minumum Range	2.4	Mean Maximum	16.7
Maximum Range	3.2		
		Mean Range	2.8
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
NFMR at Electra Diversion Dam
Station NFMR5
Hourly Temperature Recording (ºC)
September 2007

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
9/1/07	17.2	17.2	17.3	17.2	17.1	16.9	16.6	16.4	16.1	16.0	15.8	15.8	15.7	15.7	15.8	16.3	16.8	17.1	17.4	17.7	17.8	17.8	17.9	17.9	16.8	15.7	17.9	2.2
9/2/07	17.9	17.9	17.8	17.6	17.3	16.9	16.7	16.3	16.0	15.9	15.6	15.4	15.3	15.4	15.6	15.7	16.3	16.6	16.8	17.1	17.3	17.3	17.3	17.4	16.6	15.3	17.9	2.6
9/3/07	17.5	17.5	17.5	17.4	17.3	16.9	16.5	16.2	15.9	15.6	15.6	15.4	15.2	15.2	15.3	15.9	16.3	16.6	16.8	17.1	17.3	17.4	17.4	17.5	16.6	15.2	17.5	2.3
9/4/07	17.5	17.5	17.5	17.5	17.3	16.9	16.5	16.2	15.9	15.6	15.4	15.4	15.1	15.1	15.3	15.5	16.1	16.2	16.5	16.8	17.0	17.1	17.1	17.2	16.4	15.1	17.5	2.4
9/5/07	17.2	17.2	17.2	17.1	17.0	16.7	16.3	16.0	15.7	15.4	15.3	15.1	15.0	14.9	15.0	15.4	15.8	16.1	16.3	16.6	16.8	16.9	16.9	17.0	16.2	14.9	17.2	2.3
9/6/07	17.0	17.0	17.0	17.0	17.0	16.6	16.3	15.9	15.6	15.3	15.1	15.0	14.9	14.8	15.0	15.4	15.8	16.1	16.3	16.6	16.8	16.9	17.0	17.0	16.1	14.8	17.0	2.2
9/7/07	17.1	17.1	17.1	17.1	17.1	16.6	16.3	16.0	15.7	15.4	15.2	15.0	15.0	15.0	15.1	15.4	15.7	16.2	16.4	16.8	16.9	17.0	17.1	17.1	16.2	15.0	17.1	2.1
9/8/07	17.1	17.1	17.1	17.1	17.1	16.7	16.4	16.1	15.8	15.6	15.3	15.2	15.1	15.2	15.3	15.7	16.0	16.4	16.6	16.9	17.1	17.2	17.3	17.3	16.4	15.1	17.3	2.2
9/9/07	17.4	17.4	17.4	17.4	17.4	16.9	16.6	16.3	16.0	15.8	15.5	15.3	15.3	15.4	15.5	16.0	16.5	16.6	16.9	17.2	17.4	17.5	17.5	17.6	16.6	15.3	17.6	2.3
9/10/07	17.6	17.6	17.7	17.6	17.6	17.3	16.9	16.6	16.3	16.0	15.8	15.6	15.5	15.5	15.6	15.9	16.3	16.5	16.8	17.2	17.3	17.5	17.5	17.6	16.7	15.5	17.7	2.1
9/11/07	17.6	17.6	17.7	17.6	17.6	17.3	17.0	16.7	16.4	16.2	16.0	15.8	15.8	15.8	15.9	16.4	16.9	17.0	17.2	17.6	17.7	17.8	17.8	17.9	17.0	15.8	17.9	2.1
9/12/07	17.9	17.9	17.9	17.9	17.9	17.5	17.2	16.9	16.6	16.4	16.1	16.0	15.9	15.9	16.1	16.5	16.8	17.0	17.2	17.6	17.6	17.7	17.7	17.8	17.1	15.9	17.9	2.0
9/13/07	17.8	17.8	17.8	17.8	17.8	17.4	17.1	16.8	16.6	16.4	16.2	16.0	16.0	15.9	16.0	16.2	16.5	16.7	16.8	16.9	17.0	17.1	17.0	17.0	16.9	15.9	17.8	1.9
9/14/07	17.0	16.9	16.9	16.8	16.8	16.6	16.3	16.1	15.9	15.6	15.4	15.2	15.0	14.9	15.1	15.4	15.6	15.8	15.9	16.1	16.3	16.3	16.2	16.2	16.0	14.9	17.0	2.0
9/15/07	16.2	16.2	16.2	16.1	16.1	15.9	15.5	15.2	15.0	14.9	14.6	14.3	14.1	14.1	14.3	14.5	14.8	15.1	15.2	15.5	15.6	15.6	15.7	15.7	15.3	14.1	16.2	2.1
9/16/07	15.7	15.7	15.7	15.7	15.7	15.6	15.1	14.8	14.5	14.3	14.2	14.1	13.9	13.8	14.0	14.3	14.6	15.0	15.2	15.4	15.5	15.6	15.6	15.7	15.0	13.8	15.7	1.9
9/17/07	15.7	15.7	15.7	15.7	15.7	15.5	15.1	14.8	14.5	14.3	14.1	14.1	14.0	13.9	14.0	14.3	14.7	14.9	15.1	15.4	15.5	15.6	15.6	15.6	15.0	13.9	15.7	1.8
9/18/07	15.6	15.6	15.6	15.6	15.6	15.5	15.1	14.8	14.5	14.3	14.1	14.0	13.9	13.8	13.9	14.1	14.5	14.8	15.0	15.5	15.4	15.5	15.6	15.6	14.9	13.8	15.6	1.8
9/19/07	15.6	15.6	15.6	15.6	15.6	15.5	15.1	14.8	14.4	14.2	14.0	13.9	13.8	13.7	13.7	14.1	14.4	14.3	14.5	14.4	14.4	14.4	14.5	14.4	14.6	13.7	15.6	1.9
9/20/07	14.4	14.4	14.3	14.3	14.3	14.2	14.2	13.9	13.7	13.7	13.5	13.5	13.4	13.3	13.3	13.4	13.5	13.6	13.8	13.9	14.1	14.1	14.1	14.1	13.9	13.3	14.4	1.1
9/21/07	14.1	14.2	14.2	14.2	14.2	14.2	14.1	13.7	13.5	13.4	13.3	13.1	12.9	12.8	12.9	13.0	13.3	13.5	13.6	14.0	14.2	14.2	14.3	14.3	13.7	12.8	14.3	1.5
9/22/07	14.3	14.2	14.3	14.3	14.2	14.2	13.9	13.6	13.4	13.2	13.1	13.0	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.1	13.2	13.3	13.4	13.4	13.4	12.9	14.3	1.4
9/23/07	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.2	13.1	13.1	13.0	13.0	12.9	12.9	12.9	12.9	13.0	13.1	13.2	13.5	13.5	13.6	13.6	13.5	13.2	12.9	13.6	0.7
9/24/07	13.5	13.5	13.5	13.4	13.4	13.4	13.3	13.0	12.9	12.8	12.7	12.5	12.3	12.3	12.4	12.6	12.8	13.1	13.4	13.8	13.8	13.8	13.9	13.9	13.2	12.3	13.9	1.6
9/25/07	13.9	13.9	14.0	14.0	14.0	14.0	13.8	13.4	13.1	12.9	12.8	12.7	12.5	13.4	12.6	12.9	13.2	13.5	13.7	14.2	14.2	14.2	14.2	14.2	13.6	12.5	14.2	1.7
9/26/07	14.2	14.2	14.2	14.3	14.3	14.2	13.9	13.6	13.3	13.0	12.9	12.9	12.7	12.8	12.7	12.8	13.2	13.5	13.8	14.0	14.0	14.1	14.1	14.2	13.6	12.7	14.3	1.6
9/27/07	14.2	14.2	14.2	14.2	14.2	14.2	13.9	13.5	13.2	12.9	12.9	12.8	12.7	12.6	12.5	12.6	12.9	13.2	13.3	13.5	13.6	13.7	13.7	13.7	13.4	12.5	14.2	1.7
9/28/07	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.2	13.0	12.9	12.7	12.6	12.5	12.5	12.4	12.4	12.6	12.9	12.8	13.1	13.3	13.2	13.2	13.2	13.1	12.4	13.8	1.4
9/29/07	13.3	13.3	13.3	13.4	13.4	13.3	13.3	13.0	12.8	12.7	12.5	12.5	12.4	12.3	12.1	12.3	12.5	12.8	12.9	13.0	13.2	13.1	13.1	13.1	12.9	12.1	13.4	1.2
9/30/07	13.1	13.1	13.0	13.0	13.0	13.0	13.0	12.6	12.4	12.2	12.1	11.9	11.8	11.8	11.6	11.8	12.1	12.3	12.8	12.8	13.0	13.0	13.0	13.1	12.6	11.6	13.1	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	12.6	Minimum	11.6
Mean Daily Mean	15.1	Mean Minimum	14.1
Maximum Daily Mean	17.1		
		Maximum	17.9
Minumum Range	0.7	Mean Maximum	15.9
Maximum Range	2.6		
		Mean Range	1.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
April 2007

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
4/1/07	11.4	11.3	11.2	11.0	10.8	10.6	10.5	10.3	10.3	10.4	10.7	11.1	11.5	11.9	12.2	12.4	12.7	12.8	12.8	12.7	12.6	12.4	12.2	12.1	11.6	10.3	12.8	2.5
4/2/07	11.9	11.8	11.6	11.4	11.3	11.1	11.0	10.8	10.7	10.8	11.0	11.4	11.8	12.2	12.5	12.9	13.2	13.4	13.3	13.2	12.9	12.7	12.5	12.3	12.0	10.7	13.4	2.7
4/3/07	12.2	12.0	11.8	11.6	11.4	11.2	11.1	10.9	10.9	11.0	11.3	11.7	12.1	12.5	13.0	13.3	13.7	13.8	13.8	13.6	13.4	13.1	12.9	12.8	12.3	10.9	13.8	2.9
4/4/07	12.6	12.5	12.3	12.1	11.9	11.8	11.7	11.5	11.5	11.6	11.9	12.2	12.6	12.8	13.2	13.5	13.6	13.9	13.8	13.6	13.4	13.2	13.2	13.1	12.6	11.5	13.9	2.4
4/5/07	13.1	13.0	12.8	12.7	12.6	12.5	12.4	12.4	12.3	12.4	12.6	12.8	13.2	13.7	13.9	14.3	14.5	14.6	14.6	14.6	14.4	14.4	14.3	14.2	13.4	12.3	14.6	2.3
4/6/07	14.1	13.9	13.8	13.5	13.3	13.2	13.0	12.9	12.8	13.0	13.3	13.7	14.1	14.5	14.9	15.3	15.7	15.9	16.0	15.8	15.6	15.4	15.2	15.0	14.3	12.8	16.0	3.1
4/7/07	14.9	14.7	14.5	14.3	14.0	13.8	13.6	13.4	13.4	13.4	13.8	14.2	14.5	14.9	15.3	15.6	15.7	15.8	15.8	15.8	15.6	15.4	15.2	15.0	14.7	13.4	15.8	2.4
4/8/07	14.9	14.7	14.4	14.2	14.0	13.8	13.6	13.4	13.4	13.5	13.7	14.0	14.3	14.7	15.0	15.3	15.6	15.8	15.7	15.6	15.4	15.1	14.9	14.7	14.6	13.4	15.8	2.4
4/9/07	14.5	14.2	14.0	13.7	13.5	13.3	13.2	13.0	13.0	13.0	13.1	13.5	13.8	14.2	14.7	15.1	15.4	15.5	15.5	15.3	15.0	14.8	14.6	14.3	14.2	13.0	15.5	2.5
4/10/07	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	12.0	12.1	12.4	12.7	13.1	13.4	13.8	14.1	14.4	14.5	14.5	14.4	14.2	14.0	13.9	13.7	13.4	12.0	14.5	2.5
4/11/07	13.5	13.3	13.1	12.8	12.6	12.4	12.2	12.1	12.0	11.9	12.0	12.0	12.0	12.2	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.3	12.2	12.2	12.4	11.9	13.5	1.6
4/12/07	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.7	10.7	10.9	11.3	11.6	12.0	12.3	12.6	12.8	13.0	13.0	12.9	12.7	12.4	12.2	12.0	11.8	10.7	13.0	2.3
4/13/07	11.8	11.6	11.3	11.0	10.7	10.4	10.2	10.0	9.9	10.1	10.4	10.8	11.1	11.5	11.9	12.3	12.6	12.8	12.8	12.7	12.5	12.3	12.2	12.1	11.5	9.9	12.8	2.9
4/14/07	12.0	11.8	11.6	11.4	11.2	11.0	10.9	10.8	10.8	10.8	10.7	10.8	10.9	10.8	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.6	10.5	10.5	10.9	10.5	12.0	1.5
4/15/07	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.9	9.8	10.0	10.3	10.7	11.1	11.6	12.1	12.6	13.0	13.3	13.3	13.2	13.0	12.8	12.7	12.5	11.4	9.8	13.3	3.5
4/16/07	12.3	12.1	11.9	11.6	11.3	11.0	10.8	10.6	10.6	10.8	11.1	11.6	12.0	12.4	12.9	13.3	13.7	14.0	14.0	13.9	13.6	13.4	13.2	13.0	12.3	10.6	14.0	3.4
4/17/07	12.8	12.6	12.3	12.1	11.9	11.8	11.7	11.6	11.7	11.9	12.2	12.5	12.9	13.0	13.1	13.5	13.6	13.5	13.3	13.1	12.9	12.7	12.4	12.2	12.6	11.6	13.6	2.0
4/18/07	11.9	11.6	11.3	11.0	10.8	10.6	10.5	10.3	10.3	10.4	10.7	10.9	11.1	11.4	12.0	12.1	12.3	12.4	12.3	12.0	11.5	11.1	10.8	10.7	11.2	10.3	12.4	2.1
4/19/07	10.5	10.3	10.1	9.8	9.6	9.4	9.2	9.1	9.0	9.1	9.2	9.3	9.6	10.0	10.5	10.8	11.0	11.1	10.9	10.8	10.6	10.5	10.3	10.2	10.0	9.0	11.1	2.0
4/20/07	10.0	9.9	9.7	9.5	9.4	9.3	9.1	9.1	9.1	9.2	9.4	9.7	10.2	10.4	10.6	10.9	11.0	11.0	11.1	11.0	10.9	10.9	10.7	10.5	10.1	9.1	11.1	2.0
4/21/07	10.3	10.1	10.0	9.8	9.5	9.4	9.3	9.2	9.3	9.4	9.7	9.9	10.2	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.2	9.2	10.8	1.6
4/22/07	10.4	10.3	10.2	10.1	10.0	10.0	10.0	10.0	10.1	10.1	10.0	10.1	10.1	10.1	10.3	10.6	10.6	10.6	10.5	10.4	10.3	10.2	10.2	10.1	10.2	10.0	10.6	0.6
4/23/07	9.9	9.8	9.6	9.4	9.3	9.1	8.9	8.8	8.8	8.9	9.2	9.5	9.9	10.4	11.0	11.6	12.0	12.3	12.3	12.2	12.0	11.9	11.7	11.6	10.4	8.8	12.3	3.5
4/24/07	11.5	11.2	11.0	10.8	10.6	10.5	10.4	10.4	10.4	10.6	10.9	11.2	11.6	12.1	12.6	13.1	13.5	13.8	13.8	13.7	13.4	13.3	13.2	13.1	12.0	10.4	13.8	3.4
4/25/07	12.9	12.8	12.6	12.4	12.2	12.1	11.9	11.9	11.9	12.2	12.5	12.9	13.2	13.6	13.9	14.1	14.3	14.4	14.3	14.2	14.1	13.9	13.8	13.6	13.2	11.9	14.4	2.5
4/26/07	13.4	13.2	13.0	12.8	12.7	12.5	12.4	12.3	12.3	12.5	12.7	13.1	13.5	13.9	14.4	14.9	15.3	15.5	15.6	15.4	15.2	15.1	14.9	14.8	13.8	12.3	15.6	3.3
4/27/07	14.7	14.5	14.2	14.0	13.9	13.7	13.6	13.6	13.6	13.8	14.2	14.5	15.0	15.5	15.9	16.4	16.8	17.0	17.0	16.9	16.6	16.4	16.3	16.2	15.2	13.6	17.0	3.4
4/28/07	16.0	15.9	15.6	15.4	15.2	15.0	14.8	14.7	14.7	15.0	15.3	15.7	16.2	16.6	17.1	17.5	17.9	18.1	18.2	18.0	17.7	17.5	17.3	17.1	16.3	14.7	18.2	3.5
4/29/07	16.9	16.7	16.5	16.2	15.9	15.7	15.5	15.3	15.4	15.6	15.9	16.3	16.7	17.0	17.5	17.9	18.2	18.4	18.4	18.2	17.8	17.5	17.3	17.0	16.8	15.3	18.4	3.1
4/30/07	16.8	16.5	16.2	15.9	15.6	15.4	15.1	14.9	14.9	15.1	15.5	15.9	16.4	16.8	17.3	17.8	18.1	18.3	18.3	18.1	17.9	17.5	17.3	17.1	16.6	14.9	18.3	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	10.0	Minimum	8.8
Mean Daily Mean	12.7	Mean Minimum	11.5
Maximum Daily Mean	16.8		
		Maximum	18.4
Minumum Range	0.6	Mean Maximum	14.1
Maximum Range	3.5		
		Mean Range	2.6
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Cole Creek above the confluence with NFMR
Station CC1
Hourly Temperature Recording (ºC)
May 2007

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
5/1/07	16.9	16.7	16.4	16.1	15.8	15.5	15.3	15.2	15.2	15.4	15.7	16.1	16.5	16.9	17.1	17.4	17.8	17.6	17.4	17.3	17.0	16.7	16.4	16.2	16.4	15.2	17.8	2.6
5/2/07	15.9	15.7	15.4	15.2	15.1	15.0	14.9	14.8	14.8	14.8	14.8	14.7	14.7	14.6	14.6	14.7	14.7	14.6	14.5	14.4	14.2	14.0	13.8	13.6	14.7	13.6	15.9	2.3
5/3/07	13.4	13.1	12.9	12.7	12.5	12.2	12.0	11.8	11.8	11.9	12.2	12.3	12.5	13.0	13.0	13.0	13.2	13.3	13.3	13.2	13.0	12.8	12.6	12.4	12.7	11.8	13.4	1.6
5/4/07	12.2	12.0	11.9	11.8	11.6	11.5	11.5	11.4	11.4	11.4	11.4	11.5	11.6	11.8	12.2	12.4	12.6	12.6	12.6	12.6	12.3	12.1	12.0	11.8	11.9	11.4	12.6	1.2
5/5/07	11.7	11.5	11.3	11.0	10.8	10.6	10.5	10.4	10.4	10.6	10.9	11.3	11.7	12.1	12.7	13.2	13.6	13.9	13.9	13.7	13.4	13.2	12.9	12.7	12.0	10.4	13.9	3.5
5/6/07	12.5	12.2	11.9	11.6	11.4	11.2	11.0	10.9	10.9	11.1	11.4	11.9	12.3	12.8	13.4	13.9	14.3	14.6	14.7	14.6	14.3	14.1	14.0	13.8	12.7	10.9	14.7	3.8
5/7/07	13.6	13.4	13.2	13.0	12.8	12.6	12.5	12.5	12.6	12.8	13.2	13.6	14.1	14.6	15.2	15.7	16.1	16.4	16.5	16.4	16.1	15.9	15.7	15.5	14.3	12.5	16.5	4.0
5/8/07	15.4	15.1	14.9	14.7	14.6	14.4	14.3	14.3	14.3	14.6	15.0	15.4	15.9	16.4	16.9	17.4	17.8	18.1	18.1	17.9	17.6	17.3	17.1	16.9	16.0	14.3	18.1	3.8
5/9/07	16.7	16.4	16.1	15.8	15.6	15.4	15.2	15.1	15.2	15.5	15.8	16.2	16.7	17.2	17.7	18.2	18.5	18.7	18.7	18.6	18.3	18.0	17.7	17.5	16.9	15.1	18.7	3.6
5/10/07	17.3	17.0	16.7	16.3	16.1	15.9	15.7	15.6	15.7	15.9	16.3	16.7	17.2	17.7	18.1	18.6	19.0	19.2	19.2	19.1	18.8	18.5	18.2	18.0	17.4	15.6	19.2	3.6
5/11/07	17.7	17.4	17.0	16.7	16.3	16.0	15.7	15.6	15.7	15.9	16.3	16.7	17.2	17.7	18.1	18.6	18.9	19.1	19.2	19.1	18.9	18.6	18.3	18.1	17.5	15.6	19.2	3.6
5/12/07	17.8	17.5	17.1	16.7	16.3	16.0	15.7	15.5	15.5	15.7	16.0	16.3	16.8	17.2	17.6	18.0	18.4	18.6	18.6	18.4	18.2	17.9	17.7	17.4	17.1	15.5	18.6	3.1
5/13/07	17.2	16.9	16.5	16.1	15.7	15.3	15.0	14.8	14.8	15.0	15.3	15.7	16.2	16.7	17.2	17.6	18.0	18.3	18.4	18.3	18.2	17.9	17.7	17.5	16.7	14.8	18.4	3.6
5/14/07	17.3	17.0	16.6	16.2	15.8	15.5	15.3	15.2	15.2	15.3	15.6	16.0	16.5	17.0	17.5	18.1	18.5	18.8	18.8	18.7	18.5	18.3	18.1	17.8	17.0	15.2	18.8	3.6
5/15/07	17.6	17.3	17.0	16.7	16.3	16.1	15.9	15.7	15.7	15.9	16.2	16.5	17.0	17.4	17.9	18.4	18.8	19.0	19.1	18.9	18.8	18.5	18.2	18.0	17.4	15.7	19.1	3.4
5/16/07	17.7	17.4	17.1	16.7	16.4	16.1	15.9	15.7	15.8	16.0	16.3	16.6	17.1	17.5	18.0	18.5	18.9	19.2	19.2	19.1	18.9	18.7	18.4	18.2	17.5	15.7	19.2	3.5
5/17/07	17.9	17.6	17.3	16.9	16.6	16.3	16.0	15.9	15.9	16.1	16.4	16.7	17.2	17.6	18.0	18.5	18.8	19.0	19.1	19.0	18.8	18.5	18.2	18.0	17.5	15.9	19.1	3.2
5/18/07	17.7	17.4	17.1	16.7	16.4	16.1	15.8	15.7	15.7	15.9	16.2	16.6	17.0	17.5	18.0	18.4	18.8	19.0	19.1	19.0	18.9	18.7	18.4	18.2	17.4	15.7	19.1	3.4
5/19/07	17.9	17.6	17.3	17.0	16.5	16.2	15.9	15.6	15.6	15.8	16.2	16.6	17.0	17.5	17.9	18.3	18.7	18.8	18.8	18.7	18.5	18.3	18.1	17.9	17.4	15.6	18.8	3.2
5/20/07	17.7	17.5	17.3	17.0	16.6	16.3	16.0	15.8	15.9	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.8	19.0	18.9	18.8	18.6	18.3	18.1	17.9	17.5	15.8	19.0	3.1
5/21/07	17.7	17.4	17.2	16.9	16.5	16.2	15.9	15.7	15.7	16.0	16.4	16.9	17.3	17.8	18.2	18.6	18.9	19.0	19.0	18.8	18.5	18.2	17.9	17.7	17.4	15.7	19.0	3.3
5/22/07	17.4	17.2	16.9	16.5	16.1	15.7	15.3	15.0	15.0	15.3	15.7	16.1	16.6	17.1	17.5	17.9	18.3	18.5	18.5	18.3	18.2	18.0	17.7	17.5	16.9	15.0	18.5	3.4
5/23/07	17.3	17.1	16.8	16.5	16.1	15.7	15.2	15.0	14.9	15.0	15.3	15.8	16.5	17.0	17.5	18.0	18.4	18.6	18.6	18.5	18.4	18.2	18.0	17.8	16.9	14.9	18.6	3.7
5/24/07	17.6	17.3	16.9	16.3	15.8	15.5	15.3	15.1	15.0	15.1	15.3	15.3	15.4	15.7	16.2	16.7	17.2	17.4	17.4	17.1	16.7	16.4	16.1	15.7	16.2	15.0	17.6	2.6
5/25/07	15.4	15.2	14.9	14.5	14.1	13.8	13.4	13.2	13.1	13.3	13.5	13.9	14.5	15.1	15.5	16.1	16.4	16.6	16.7	16.6	16.4	16.2	16.0	15.7	15.0	13.1	16.7	3.6
5/26/07	15.5	15.3	15.0	14.7	14.4	14.0	13.7	13.5	13.5	13.7	14.0	14.3	14.9	15.5	16.2	16.8	17.2	17.4	17.4	17.2	16.9	16.6	16.3	15.9	15.4	13.5	17.4	3.9
5/27/07	15.6	15.3	15.0	14.7	14.3	14.0	13.7	13.5	13.5	13.7	14.0	14.4	14.9	15.5	16.2	16.7	17.2	17.4	17.5	17.2	16.9	16.6	16.3	15.9	15.4	13.5	17.5	3.9
5/28/07	15.6	15.3	15.0	14.6	14.3	13.9	13.6	13.4	13.4	13.6	13.9	14.4	14.9	15.6	16.2	16.9	17.4	17.6	17.7	17.4	17.1	16.8	16.5	16.1	15.5	13.4	17.7	4.2
5/29/07	15.8	15.5	15.2	14.9	14.5	14.2	13.9	13.7	13.7	13.9	14.2	14.6	15.2	15.8	16.5	17.1	17.7	17.9	18.0	17.8	17.6	17.3	17.1	16.8	15.8	13.7	18.0	4.3
5/30/07	16.5	16.3	16.1	15.9	15.7	15.5	15.3	15.1	15.0	15.2	15.4	15.8	16.3	16.8	17.4	17.9	18.4	18.7	18.6	18.7	18.7	18.5	18.4	18.3	16.8	15.0	18.7	3.7
5/31/07	18.1	17.8	17.5	17.3	17.0	16.7	16.5	16.4	16.4	16.6	18.0	17.5	17.9	18.4	18.9	19.5	19.9	20.1	20.2	20.1	20.0	19.8	19.5	19.3	18.3	16.4	20.2	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	11.9	Minimum	10.4
Mean Daily Mean	16.1	Mean Minimum	14.4
Maximum Daily Mean	18.3		
		Maximum	20.2
Minumum Range	1.2	Mean Maximum	17.7
Maximum Range	4.3		
		Mean Range	3.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Mokelumne River above Electra powerhouse
Station MR1
Hourly Temperature Recording (ºC)
June 2007

	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
6/1/07	19.1	18.9	18.7	18.4	18.1	17.8	17.5	17.3	17.2	17.3	17.6	18.3	18.7	19.2	19.4	19.4	19.8	20.4	20.4	20.2	20.1	20.0	19.8	19.6	18.9	17.2	20.4	3.2
6/2/07	19.4	19.2	18.9	18.6	18.2	17.9	17.5	17.3	17.2	17.5	17.9	18.5	19.0	19.6	20.1	20.5	20.8	21.1	21.0	20.9	20.6	20.4	20.2	19.9	19.3	17.2	21.1	3.8
6/3/07	19.6	19.4	19.2	19.0	18.7	18.5	18.2	17.9	17.8	18.0	18.4	18.9	19.4	19.8	20.2	20.6	21.0	21.2	21.2	21.0	20.8	20.7	20.5	20.2	19.6	17.8	21.2	3.4
6/4/07	19.9	19.8	19.5	19.3	19.0	18.7	18.3	17.9	17.7	17.9	18.3	18.8	19.3	19.8	20.2	20.4	20.6	20.5	20.3	20.2	19.9	19.7	19.5	19.3	19.4	17.7	20.6	2.8
6/5/07	19.1	18.9	18.8	18.5	18.3	18.0	17.8	17.6	17.5	17.5	17.5	17.5	17.6	17.6	17.9	18.2	18.2	18.0	17.9	17.8	17.7	17.5	17.4	17.4	17.9	17.4	19.1	1.8
6/6/07	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.7	16.0	16.3	16.8	17.1	17.5	17.9	18.2	18.2	18.3	18.2	18.0	17.8	17.7	17.5	17.2	17.1	15.7	18.3	2.5
6/7/07	16.8	16.6	16.3	16.0	15.8	15.5	15.3	15.1	15.1	15.3	15.7	16.0	16.5	17.0	17.4	17.7	17.6	17.7	17.9	17.9	17.7	17.5	17.3	17.2	16.6	15.1	17.9	2.8
6/8/07	17.0	16.8	16.6	16.4	16.2	16.0	15.7	15.5	15.4	15.6	16.0	16.5	16.9	17.4	17.9	18.4	18.7	19.0	19.0	18.8	18.7	18.5	18.3	18.1	17.2	15.4	19.0	3.6
6/9/07	17.9	17.8	17.7	17.5	17.3	17.0	16.6	16.3	16.2	16.3	16.7	17.1	17.6	18.1	18.5	19.0	19.4	19.6	19.6	19.5	19.4	19.3	19.1	18.8	18.0	16.2	19.6	3.4
6/10/07	18.6	18.4	18.1	17.8	17.6	17.3	17.0	16.7	16.6	16.8	17.2	17.6	18.1	18.8	19.3	19.7	20.0	20.3	20.4	20.2	20.0	19.9	19.6	19.3	18.6	16.6	20.4	3.7
6/11/07	19.0	18.8	18.6	18.4	18.2	18.0	17.7	17.5	17.5	17.7	18.1	18.5	19.0	19.5	20.0	20.5	20.8	21.1	21.1	20.9	20.7	20.5	20.4	20.1	19.3	17.5	21.1	3.6
6/12/07	19.8	19.6	19.4	19.2	19.0	18.7	18.4	18.2	18.2	18.5	18.9	19.3	19.7	20.2	20.7	21.1	21.4	21.7	21.7	21.5	21.3	21.0	20.9	20.7	20.0	18.2	21.7	3.5
6/13/07	20.4	20.2	20.0	19.9	19.8	19.5	19.4	19.2	19.3	19.7	20.2	20.7	21.1	21.5	21.9	22.2	22.5	22.6	22.6	22.4	22.2	21.9	21.7	21.6	20.9	19.2	22.6	3.4
6/14/07	21.4	21.1	21.0	20.8	20.7	20.5	20.3	20.3	20.4	20.7	21.3	21.8	22.3	22.7	23.0	23.4	23.7	23.8	23.8	23.6	23.3	23.0	22.8	22.6	22.0	20.3	23.8	3.5
6/15/07	22.4	22.1	21.9	21.7	21.5	21.3	21.0	20.9	21.0	21.4	22.0	22.5	23.1	23.4	23.8	24.1	24.3	24.3	24.2	24.0	23.7	23.4	23.2	23.0	22.7	20.9	24.3	3.4
6/16/07	22.8	22.5	22.2	22.0	21.8	21.6	21.4	21.2	21.3	21.7	22.2	22.7	23.1	23.4	23.7	24.0	24.1	24.1	24.0	23.7	23.4	23.1	22.9	22.7	22.7	21.2	24.1	2.9
6/17/07	22.4	22.1	21.8	21.6	21.3	21.1	20.8	20.6	20.7	21.0	21.5	22.0	22.5	22.8	23.1	23.4	23.6	23.7	23.7	23.4	23.1	22.8	22.6	22.3	22.2	20.6	23.7	3.1
6/18/07	22.1	21.8	21.6	21.4	21.3	21.0	20.8	20.6	20.7	21.1	21.7	22.2	22.7	23.0	23.4	23.7	23.9	23.9	23.9	23.7	23.4	23.1	22.9	22.7	22.4	20.6	23.9	3.3
6/19/07	22.4	22.1	21.9	21.7	21.5	21.3	21.1	21.0	21.0	21.4	21.9	22.3	22.8	23.2	23.5	23.8	24.0	24.0	23.9	23.7	23.4	23.1	22.9	22.8	22.5	21.0	24.0	3.0
6/20/07	22.5	22.2	21.9	21.7	21.5	21.3	21.1	20.9	21.0	21.3	21.7	22.3	22.7	23.0	23.4	23.7	23.8	23.8	23.7	23.4	23.1	22.9	22.7	22.4	22.4	20.9	23.8	2.9
6/21/07	22.2	21.9	21.6	21.4	21.2	21.0	20.7	20.5	20.5	20.9	21.4	21.9	22.3	22.7	23.0	23.3	23.5	23.6	23.5	23.2	22.9	22.6	22.4	22.2	22.1	20.5	23.6	3.1
6/22/07	21.9	21.6	21.4	21.2	21.0	20.8	20.6	20.4	20.5	20.8	21.4	21.9	22.4	22.8	23.1	23.5	23.6	23.6	23.5	23.2	22.9	22.5	22.3	22.1	22.0	20.4	23.6	3.2
6/23/07	21.8	21.5	21.3	21.0	20.9	20.7	20.4	20.2	20.2	20.6	21.1	21.6	22.0	22.3	22.6	22.9	23.1	23.0	22.9	22.5	22.2	21.9	21.7	21.5	21.7	20.2	23.1	2.9
6/24/07	21.2	20.9	20.6	20.4	20.2	20.0	19.7	19.5	19.6	19.9	20.4	20.9	21.2	21.4	21.7	21.9	22.1	22.1	22.1	21.8	21.5	21.2	21.0	20.8	20.9	19.5	22.1	2.6
6/25/07	20.5	20.2	20.0	19.8	19.6	19.4	19.1	18.9	19.0	19.4	19.9	20.4	20.9	21.2	21.6	21.9	22.2	22.3	22.2	22.0	21.7	21.4	21.2	21.0	20.7	18.9	22.3	3.3
6/26/07	20.8	20.6	20.4	20.3	20.1	19.9	19.7	19.6	19.7	20.0	20.6	21.1	21.6	21.9	22.3	22.7	22.9	22.9	22.8	22.6	22.3	22.0	21.9	21.7	21.3	19.6	22.9	3.3
6/27/07	21.4	21.2	20.9	20.7	20.6	20.4	20.1	20.0	20.0	20.3	20.8	21.4	21.9	22.3	22.6	22.9	23.1	23.1	23.0	22.6	22.3	22.1	21.9	21.7	21.6	20.0	23.1	3.1
6/28/07	21.4	21.1	20.9	20.6	20.4	20.3	20.0	19.9	20.0	20.3	20.9	21.4	21.8	22.2	22.6	22.8	23.0	23.0	22.9	22.6	22.3	22.0	21.9	21.7	21.5	19.9	23.0	3.1
6/29/07	21.5	21.2	20.9	20.7	20.6	20.4	20.3	20.2	20.3	20.7	21.1	21.7	22.2	22.5	22.8	23.0	23.2	23.2	23.1	22.9	22.5	22.3	22.1	21.9	21.7	20.2	23.2	3.0
6/30/07	21.6	21.3	21.0	20.8	20.7	20.5	20.3	20.1	20.2	20.6	21.1	21.6	22.0	22.4	22.8	23.1	23.2	23.2	23.0	22.7	22.4	22.2	22.0	21.7	21.7	20.1	23.2	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	16.6	Minimum	15.1
Mean Daily Mean	20.5	Mean Minimum	18.9
Maximum Daily Mean	22.7		
		Maximum	24.3
Minumum Range	1.8	Mean Maximum	22.0
Maximum Range	3.8		
		Mean Range	3.2
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Mokelumne River above Electra powerhouse
Station MR1
Hourly Temperature Recording (ºC)
July 2007

	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
7/1/07	21.4	21.1	20.9	20.7	20.5	20.4	20.1	20.0	20.0	20.3	20.9	21.3	21.6	22.1	22.6	23.1	23.5	23.5	23.2	22.8	22.4	22.0	21.6	21.3	21.6	20.0	23.5	3.5
7/2/07	21.0	20.8	20.6	20.3	20.0	19.7	19.5	19.3	19.5	20.0	20.7	21.5	22.4	23.2	23.9	24.0	24.3	24.7	24.4	24.1	23.7	23.2	22.9	22.6	21.9	19.3	24.7	5.4
7/3/07	22.3	22.1	21.8	21.6	21.3	20.9	20.6	20.3	20.5	21.0	21.7	22.5	23.4	23.9	24.6	25.1	25.3	25.4	25.3	25.1	24.6	24.2	23.8	23.5	23.0	20.3	25.4	5.1
7/4/07	23.3	23.0	22.9	22.7	22.4	22.1	21.8	21.6	21.7	22.0	22.8	23.6	24.3	25.1	25.7	26.1	26.5	26.6	26.6	26.4	26.1	25.6	25.2	24.9	24.1	21.6	26.6	5.0
7/5/07	24.7	24.5	24.3	24.0	23.8	23.5	23.0	22.8	22.9	23.4	24.2	25.1	25.8	26.3	26.9	27.3	27.6	27.7	27.8	27.6	27.2	26.7	26.3	26.0	25.4	22.8	27.8	4.9
7/6/07	25.7	25.4	25.2	25.0	24.7	24.4	24.0	23.8	23.7	24.1	24.8	25.7	26.5	27.0	27.6	28.0	28.2	28.2	28.1	27.7	27.2	26.8	26.4	26.0	26.0	23.7	28.2	4.5
7/7/07	25.6	25.3	25.0	24.8	24.5	24.1	23.7	23.5	23.4	23.8	24.4	25.1	25.9	26.5	27.2	27.5	27.7	28.0	27.8	27.4	26.9	26.4	26.0	25.6	25.7	23.4	28.0	4.6
7/8/07	25.2	25.0	24.7	24.4	24.1	23.8	23.4	23.2	23.3	23.6	24.3	25.1	25.9	26.6	27.2	27.5	27.6	27.7	27.6	27.2	26.8	26.3	25.9	25.6	25.5	23.2	27.7	4.5
7/9/07	25.3	25.0	24.8	24.6	24.3	24.0	23.7	23.5	23.6	24.0	24.6	25.4	26.3	26.9	27.5	27.9	28.1	28.1	27.9	27.5	26.9	26.4	26.0	25.6	25.8	23.5	28.1	4.6
7/10/07	25.3	25.0	24.7	24.4	24.1	23.8	23.5	23.3	23.4	23.8	24.3	24.7	25.2	25.8	26.3	26.5	26.2	25.8	25.5	25.1	24.8	24.5	24.3	24.1	24.8	23.3	26.5	3.2
7/11/07	23.9	23.7	23.5	23.3	23.1	22.9	22.7	22.6	22.5	22.5	23.0	23.5	24.4	25.1	25.8	26.3	26.4	26.3	26.0	25.5	25.0	24.5	24.1	23.8	24.2	22.5	26.4	3.9
7/12/07	23.6	23.4	23.1	22.9	22.6	22.2	21.9	21.7	21.8	22.3	22.9	23.7	24.4	25.2	25.8	26.2	26.3	26.3	26.1	25.7	25.2	24.7	24.2	23.9	24.0	21.7	26.3	4.6
7/13/07	23.7	23.4	23.2	22.9	22.6	22.2	21.8	21.7	21.7	22.1	22.7	23.6	24.5	25.3	26.0	26.4	26.6	26.5	26.4	26.0	25.5	25.0	24.6	24.3	24.1	21.7	26.6	4.9
7/14/07	23.9	23.6	23.4	23.1	22.8	22.5	22.2	22.0	22.1	22.5	23.1	23.8	24.7	25.5	26.2	26.7	26.9	26.9	26.8	26.5	25.9	25.4	24.9	24.4	24.4	22.0	26.9	4.9
7/15/07	24.1	23.8	23.5	23.2	22.9	22.6	22.3	22.1	22.1	22.5	23.3	24.0	24.7	25.6	26.3	26.8	27.0	27.0	26.9	26.5	26.0	25.6	25.1	24.7	24.5	22.1	27.0	4.9
7/16/07	24.4	24.1	23.9	23.6	23.4	23.0	22.7	22.4	22.5	22.9	23.5	24.3	24.9	25.4	26.1	26.6	26.8	26.9	26.6	26.2	25.7	25.1	24.3	24.0	24.6	22.4	26.9	4.4
7/17/07	23.7	23.5	23.2	22.9	22.6	22.3	21.9	21.6	21.7	22.0	22.5	23.3	24.1	24.9	25.5	25.9	26.1	26.0	25.7	25.3	24.8	24.2	23.8	23.5	23.8	21.6	26.1	4.4
7/18/07	23.3	23.1	22.9	22.6	22.4	22.0	21.7	21.5	21.6	21.9	22.4	22.8	23.4	23.8	24.2	24.4	24.6	24.6	24.5	24.2	23.9	23.5	23.3	23.1	23.1	21.5	24.6	3.1
7/19/07	22.9	22.7	22.4	22.0	21.7	21.3	21.1	20.9	20.9	21.3	21.8	22.6	23.4	24.2	24.9	25.3	25.4	25.4	25.2	24.8	24.3	23.9	23.5	23.1	23.1	20.9	25.4	4.5
7/20/07	22.8	22.5	22.3	22.1	21.8	21.4	21.1	20.8	20.9	21.2	21.8	22.4	23.2	24.0	24.7	25.1	25.3	25.3	25.1	24.8	24.4	23.8	23.4	23.0	23.1	20.8	25.3	4.5
7/21/07	22.7	22.5	22.2	22.0	21.7	21.5	21.2	20.8	20.8	21.2	21.9	22.7	23.8	24.2	24.9	25.4	25.7	25.7	25.6	25.4	24.9	24.4	23.9	23.6	23.3	20.8	25.7	4.9
7/22/07	23.3	23.0	22.8	22.5	22.2	21.9	21.7	21.4	21.3	21.6	22.1	22.7	23.7	24.7	25.5	26.0	26.3	26.4	26.4	26.1	25.7	25.2	24.7	24.4	23.8	21.3	26.4	5.1
7/23/07	24.1	23.8	23.6	23.4	23.1	22.8	22.6	22.2	22.2	22.5	23.2	24.0	24.8	25.2	25.8	26.2	26.1	25.8	25.4	25.1	24.9	24.8	24.6	24.5	24.2	22.2	26.2	4.0
7/24/07	24.3	24.1	24.0	23.8	23.7	23.5	23.4	23.2	23.1	23.2	23.3	23.5	24.1	24.6	25.5	26.2	26.6	26.9	26.7	26.3	26.0	25.6	25.2	25.0	24.7	23.1	26.9	3.8
7/25/07	24.7	24.4	24.1	23.8	23.6	23.3	23.0	22.8	22.8	23.1	23.4	24.3	25.0	25.8	26.5	26.9	27.2	27.2	27.0	26.7	26.3	25.8	25.2	24.8	24.9	22.8	27.2	4.4
7/26/07	24.5	24.1	23.8	23.5	23.3	22.9	22.5	22.2	22.2	22.4	23.4	24.1	25.0	25.8	26.4	26.9	27.1	27.0	26.8	26.3	25.9	25.3	24.8	24.5	24.6	22.2	27.1	4.9
7/27/07	24.1	23.7	23.5	23.2	22.9	22.6	22.2	21.9	21.9	22.3	23.0	23.8	24.7	25.6	26.3	26.7	26.9	26.9	26.7	26.3	25.8	25.3	24.8	24.4	24.4	21.9	26.9	5.0
7/28/07	24.1	23.6	23.4	23.2	22.8	22.5	22.2	21.8	21.8	22.3	23.0	23.9	24.8	25.5	26.2	26.6	26.8	26.8	26.5	26.1	25.8	25.2	24.7	24.3	24.3	21.8	26.8	5.0
7/29/07	24.0	23.7	23.4	23.2	22.9	22.6	22.3	22.0	21.9	22.2	22.9	23.4	24.2	25.2	25.9	26.4	26.6	26.6	26.4	26.1	25.6	25.1	24.6	24.3	24.2	21.9	26.6	4.7
7/30/07	24.0	23.6	23.4	23.1	22.9	22.6	22.4	21.9	21.9	22.2	22.9	23.7	24.4	25.1	26.0	26.5	26.8	25.0	24.7	25.2	24.7	23.5	22.4	22.7	23.8	21.9	26.8	4.9
7/31/07	21.4	18.6	17.4	16.6	16.0	17.3	18.3	16.0	21.0	30.4	32.9	31.7	30.4	26.8	26.7	26.8	27.0	25.6	25.3	25.7	25.1	23.7	23.1	23.6	23.6	16.0	32.9	16.8

*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	21.6	Minimum	16.0
Mean Daily Mean	24.1	Mean Minimum	21.8
Maximum Daily Mean	26.0		
		Maximum	32.9
Minumum Range	3.1	Mean Maximum	26.7
Maximum Range	16.8		
		Mean Range	4.9
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Mokelumne River above Electra powerhouse
Station MR1
Hourly Temperature Recording (ºC)
August 2007

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
8/1/07	21.7	19.8	18.7	18.0	17.3	16.7	16.1	16.2	21.0	29.7	34.7	33.9	31.2	27.4	27.3	27.3	27.3	25.4	25.6	25.3	24.7	22.6	23.0	22.2	23.9	16.1	34.7	18.6
8/2/07	23.1	20.9	18.3	17.5	16.8	17.5	17.0	15.6	17.9	25.1	27.4	31.0	29.3	27.3	26.2	25.6	25.8	25.7	25.6	25.3	25.0	24.6	24.2	23.9	23.2	15.6	31.0	15.4
8/3/07	23.6	23.2	23.0	22.8	22.5	22.3	22.0	21.8	21.8	22.2	22.9	23.8	24.7	25.5	26.3	26.8	27.0	27.1	26.9	26.5	26.0	25.4	24.8	24.4	24.3	21.8	27.1	5.2
8/4/07	24.0	23.6	23.3	23.1	22.9	22.6	22.2	21.8	21.8	22.1	22.7	23.5	24.3	25.2	25.9	26.5	26.8	26.7	26.5	26.1	25.7	25.1	24.6	24.2	24.2	21.8	26.8	4.9
8/5/07	23.8	23.3	23.0	22.7	22.4	22.1	21.7	21.5	21.4	21.8	22.5	23.2	23.9	24.7	25.3	25.8	26.0	25.8	25.4	24.9	24.3	23.8	23.2	22.8	23.6	21.4	26.0	4.5
8/6/07	22.5	22.3	22.1	21.8	21.6	21.3	20.9	20.7	20.6	20.9	21.5	22.2	23.0	23.8	24.4	24.9	25.0	24.9	24.6	24.0	23.4	22.8	22.3	22.0	22.6	20.6	25.0	4.4
8/7/07	21.8	21.6	21.4	21.1	20.9	20.6	20.3	20.0	20.0	20.3	20.8	21.7	22.5	23.2	24.0	24.5	24.7	24.7	24.3	23.8	23.4	22.9	22.4	22.1	22.2	20.0	24.7	4.7
8/8/07	21.9	21.6	21.4	21.2	21.0	20.8	20.5	20.2	20.2	20.5	20.9	21.6	22.5	23.4	24.2	24.7	24.9	24.9	24.6	24.2	23.8	23.3	22.8	22.5	22.4	20.2	24.9	4.7
8/9/07	22.2	21.9	21.7	21.5	21.2	21.0	20.6	20.4	20.4	20.7	21.4	22.2	23.0	23.8	24.5	25.0	25.2	25.1	24.9	24.5	24.1	23.5	23.1	22.7	22.7	20.4	25.2	4.8
8/10/07	22.4	22.0	21.8	21.6	21.4	21.1	20.8	20.5	20.5	20.8	21.4	22.2	23.0	23.7	24.5	25.0	25.1	25.1	24.9	24.5	24.0	23.5	23.0	22.7	22.7	20.5	25.1	4.6
8/11/07	22.3	22.0	21.7	21.5	21.3	21.0	20.7	20.5	20.4	20.7	21.3	22.1	22.8	23.5	24.2	24.6	24.8	24.7	24.5	23.9	23.5	23.0	22.5	22.2	22.5	20.4	24.8	4.3
8/12/07	21.8	21.4	21.1	20.9	20.6	20.4	20.1	19.8	19.8	20.1	20.6	21.4	22.2	22.9	23.8	24.3	24.5	24.5	24.2	23.8	23.4	22.9	22.4	22.0	22.0	19.8	24.5	4.7
8/13/07	21.7	21.3	21.0	20.8	20.6	20.3	20.0	19.7	19.7	20.0	20.7	21.5	22.2	23.0	23.8	24.4	24.5	24.5	24.3	24.0	23.5	23.1	22.6	22.2	22.1	19.7	24.5	4.8
8/14/07	22.0	21.6	21.4	21.2	20.9	20.7	20.5	20.2	20.1	20.5	21.1	21.9	22.7	23.6	24.4	25.0	25.1	25.2	25.0	24.5	24.0	23.5	23.0	22.7	22.5	20.1	25.2	5.0
8/15/07	22.4	22.1	21.8	21.6	21.4	21.1	20.8	20.6	20.5	20.8	21.4	22.2	22.9	23.6	24.4	25.0	25.2	25.1	24.9	24.4	23.9	23.4	22.9	22.6	22.7	20.5	25.2	4.7
8/16/07	22.3	22.0	21.7	21.5	21.2	20.9	20.6	20.4	20.3	20.6	21.2	21.9	22.7	23.5	24.3	24.9	25.2	25.2	24.8	24.3	23.8	23.3	22.8	22.4	22.6	20.3	25.2	5.0
8/17/07	22.1	21.6	21.4	21.1	20.9	20.6	20.3	20.0	19.9	20.2	20.8	21.6	22.4	23.2	24.0	24.6	24.9	24.8	24.6	24.2	23.6	23.0	22.4	22.1	22.3	19.9	24.9	4.9
8/18/07	21.8	21.5	21.2	20.9	20.6	20.4	20.0	19.7	19.6	19.9	20.5	21.4	22.2	22.9	23.7	24.1	24.4	24.4	24.1	23.7	23.1	22.6	22.0	21.7	21.9	19.6	24.4	4.8
8/19/07	21.4	21.1	20.9	20.6	20.3	20.1	19.8	19.5	19.4	19.7	20.2	21.0	21.8	22.6	23.4	23.9	24.1	24.1	23.9	23.5	23.0	22.3	21.9	21.6	21.7	19.4	24.1	4.7
8/20/07	21.4	21.2	20.9	20.7	20.4	20.2	19.9	19.7	19.6	20.0	20.5	21.3	22.2	23.0	23.8	24.3	24.6	24.6	24.4	24.0	23.7	23.2	22.8	22.5	22.0	19.6	24.6	5.0
8/21/07	22.2	22.0	21.8	21.5	21.3	21.1	20.9	20.6	20.6	20.9	21.5	22.3	23.1	23.9	24.7	25.3	25.6	25.7	25.5	25.1	24.7	24.2	23.8	23.5	23.0	20.6	25.7	5.1
8/22/07	23.3	23.0	22.8	22.6	22.4	22.2	22.0	21.7	21.7	22.0	22.6	23.3	24.1	24.8	25.6	26.2	26.4	26.5	26.3	26.0	25.6	25.1	24.6	24.4	24.0	21.7	26.5	4.8
8/23/07	24.1	23.9	23.6	23.4	23.2	23.0	22.7	22.4	22.4	22.6	23.2	24.1	24.8	25.4	26.1	26.7	26.9	26.9	26.6	26.4	25.9	25.4	24.9	24.7	24.6	22.4	26.9	4.5
8/24/07	24.5	24.2	24.0	23.8	23.6	23.3	23.0	22.8	22.7	23.0	23.6	24.3	25.0	25.9	26.5	27.0	27.1	27.1	26.8	26.3	25.9	25.4	25.0	24.7	24.8	22.7	27.1	4.4
8/25/07	24.3	24.0	23.8	23.5	23.2	23.0	22.7	22.4	22.4	22.6	23.3	24.0	24.7	25.4	26.1	26.6	26.9	26.8	26.5	26.0	25.5	24.9	24.5	24.2	24.5	22.4	26.9	4.5
8/26/07	24.0	23.7	23.5	23.2	23.0	22.7	22.5	22.2	22.1	22.4	22.9	23.6	24.2	25.0	25.8	26.2	26.4	26.4	26.1	25.5	25.0	24.5	24.1	23.8	24.1	22.1	26.4	4.3
8/27/07	23.5	23.3	23.1	22.9	22.7	22.4	22.2	21.9	21.8	22.1	22.7	23.4	24.2	24.9	25.6	26.2	26.4	26.4	26.1	25.7	25.2	24.7	24.2	24.0	24.0	21.8	26.4	4.6
8/28/07	23.8	23.6	23.4	23.1	22.9	22.7	22.4	22.2	22.2	22.5	23.1	23.8	24.6	25.4	26.1	26.6	26.9	26.9	26.6	26.2	25.8	25.3	25.0	24.8	24.4	22.2	26.9	4.7
8/29/07	24.6	24.4	24.2	24.0	23.8	23.5	23.3	23.1	23.1	23.4	24.0	24.9	25.6	26.4	27.1	27.6	27.7	27.6	27.3	27.0	26.7	26.2	25.8	25.5	25.3	23.1	27.7	4.6
8/30/07	25.2	24.9	24.7	24.4	24.2	24.0	23.8	23.5	23.4	23.6	24.0	24.6	25.4	26.2	26.9	27.5	27.8	27.8	27.6	27.2	26.7	26.3	25.9	25.7	25.5	23.4	27.8	4.4
8/31/07	25.4	25.2	25.0	24.7	24.5	24.2	24.0	23.8	23.8	24.0	24.3	24.5	24.8	25.3	26.1	26.6	26.9	26.8	26.6	26.3	25.9	25.5	25.2	24.9	25.2	23.8	26.9	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	21.7	Minimum	15.6
Mean Daily Mean	23.3	Mean Minimum	20.8
Maximum Daily Mean	25.5		
		Maximum	34.7
Minumum Range	3.2	Mean Maximum	26.2
Maximum Range	18.6		
		Mean Range	5.4
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Mokelumne River Project (FERC No. 137)
Mokelumne River above Electra powerhouse
Station MR1
Hourly Temperature Recording (ºC)
September 2007

	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
9/1/07	24.6	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.1	23.4	24.0	24.8	25.4	26.1	26.9	27.3	27.5	27.4	27.1	26.7	26.2	25.6	25.2	24.8	25.1	23.1	27.5	4.4
9/2/07	24.4	24.0	23.7	23.5	23.2	22.9	22.6	22.3	22.2	22.5	23.1	23.9	24.6	25.5	26.1	26.6	26.7	26.7	26.4	26.0	25.5	25.0	24.5	24.2	24.4	22.2	26.7	4.5
9/3/07	23.8	23.4	23.2	22.9	22.6	22.3	22.0	21.8	21.7	21.9	22.4	23.2	24.0	24.6	25.4	25.9	26.1	26.1	25.8	25.2	24.7	24.2	23.7	23.4	23.8	21.7	26.1	4.4
9/4/07	23.1	22.8	22.5	22.2	22.0	21.7	21.4	21.1	21.1	21.3	21.9	22.6	23.3	24.0	24.7	25.3	25.5	25.5	25.1	24.5	24.0	23.5	23.0	22.7	23.1	21.1	25.5	4.5
9/5/07	22.3	22.1	21.9	21.7	21.4	21.2	21.0	20.7	20.5	20.7	21.2	21.9	22.7	23.4	24.1	24.5	24.7	24.7	24.3	23.9	23.3	22.8	22.3	22.0	22.5	20.5	24.7	4.2
9/6/07	21.8	21.6	21.4	21.2	21.0	20.8	20.6	20.3	20.3	20.4	20.9	21.7	22.5	23.2	23.9	24.4	24.6	24.5	24.2	23.7	23.3	22.7	22.3	22.1	22.2	20.3	24.6	4.3
9/7/07	21.9	21.7	21.5	21.2	21.0	20.8	20.5	20.2	20.1	20.3	20.7	21.3	22.1	22.7	23.4	23.9	24.2	24.1	23.7	23.2	22.7	22.2	21.9	21.7	22.0	20.1	24.2	4.1
9/8/07	21.5	21.3	21.2	21.0	20.7	20.5	20.3	20.0	19.9	20.1	20.5	21.2	22.0	22.8	23.5	24.1	24.3	24.2	23.9	23.4	23.0	22.5	22.1	21.9	21.9	19.9	24.3	4.4
9/9/07	21.8	21.6	21.4	21.2	21.0	20.8	20.5	20.3	20.2	20.3	20.8	21.4	22.2	22.9	23.6	24.2	24.4	24.3	24.0	23.5	22.9	22.4	22.2	22.0	22.1	20.2	24.4	4.2
9/10/07	21.8	21.7	21.5	21.2	21.0	20.8	20.6	20.3	20.2	20.3	20.7	21.3	22.1	22.9	23.6	24.1	24.4	24.3	24.0	23.5	22.9	22.5	22.2	22.1	22.1	20.2	24.4	4.2
9/11/07	21.9	21.7	21.5	21.3	21.1	21.0	20.7	20.5	20.4	20.6	21.0	21.7	22.5	23.1	23.8	24.3	24.5	24.5	24.0	23.5	23.2	22.7	22.3	22.2	22.3	20.4	24.5	4.1
9/12/07	22.1	21.9	21.7	21.5	21.3	21.1	20.8	20.5	20.4	20.6	21.1	21.7	22.4	23.1	23.8	24.2	24.3	24.1	23.6	22.9	22.3	21.8	21.7	21.5	22.1	20.4	24.3	3.9
9/13/07	21.3	21.2	21.1	21.1	20.9	20.7	20.6	20.4	20.2	20.3	20.6	21.3	21.9	22.5	23.1	23.4	23.6	23.5	23.1	22.6	21.9	21.4	20.9	20.7	21.6	20.2	23.6	3.4
9/14/07	20.5	20.4	20.2	20.0	19.7	19.5	19.2	18.9	18.9	19.0	19.5	20.2	20.9	21.5	22.0	22.3	22.5	22.5	22.1	21.5	21.0	20.6	20.2	20.0	20.5	18.9	22.5	3.6
9/15/07	19.8	19.6	19.4	19.2	18.9	18.7	18.4	18.2	18.0	18.2	18.6	19.3	19.9	20.6	21.3	21.8	22.0	21.9	21.4	20.8	20.3	19.9	19.7	19.5	19.8	18.0	22.0	4.0
9/16/07	19.4	19.2	18.9	18.7	18.5	18.2	18.0	17.7	17.6	17.7	18.2	18.9	19.5	20.3	21.0	21.5	21.7	21.7	21.2	20.6	20.0	19.7	19.5	19.4	19.5	17.6	21.7	4.1
9/17/07	19.3	19.1	18.9	18.7	18.5	18.2	18.0	17.8	17.7	17.8	18.2	18.9	19.6	20.3	20.9	21.4	21.6	21.5	21.1	20.7	20.1	19.6	19.4	19.3	19.4	17.7	21.6	3.9
9/18/07	19.1	19.0	18.8	18.6	18.4	18.2	18.0	17.8	17.7	17.8	18.4	18.9	19.6	20.3	21.0	21.4	21.6	21.4	21.0	20.5	20.0	19.6	19.3	19.1	19.4	17.7	21.6	3.9
9/19/07	19.0	18.7	18.5	18.3	18.1	17.9	17.6	17.3	17.2	17.2	17.6	18.2	18.7	19.0	19.4	19.3	19.3	19.0	18.6	18.3	17.8	17.7	17.5	17.4	18.2	17.2	19.4	2.2
9/20/07	17.3	17.1	17.0	16.8	16.7	16.6	16.4	16.3	16.2	16.2	16.2	16.2	16.4	16.9	17.7	18.4	18.9	19.0	18.6	18.2	17.5	17.0	16.7	16.6	17.1	16.2	19.0	2.8
9/21/07	16.4	16.2	16.1	15.9	15.8	15.7	15.5	15.3	15.2	15.3	15.8	16.5	17.3	18.0	18.3	18.6	18.9	18.8	18.5	18.0	17.6	17.4	17.1	17.0	16.9	15.2	18.9	3.7
9/22/07	16.9	16.7	16.6	16.4	16.2	16.1	16.0	15.9	15.8	15.8	15.8	16.1	16.1	16.1	16.3	16.7	16.8	16.9	17.0	16.7	16.4	16.2	16.0	15.9	16.3	15.8	17.0	1.2
9/23/07	15.8	15.7	15.6	15.6	15.5	15.5	15.4	15.3	15.2	15.3	15.4	15.7	16.3	16.5	16.7	16.7	16.7	16.8	16.8	16.6	16.3	16.0	15.8	15.6	16.0	15.2	16.8	1.6
9/24/07	15.5	15.3	15.2	15.1	15.0	14.9	14.7	14.5	14.4	14.5	15.1	15.7	16.4	17.0	17.7	18.1	18.3	18.2	17.7	17.3	16.8	16.6	16.5	16.4	16.1	14.4	18.3	3.9
9/25/07	16.3	16.1	15.9	15.7	15.5	15.3	15.0	14.9	14.8	15.0	15.5	16.1	17.0	17.7	18.5	18.7	18.9	18.7	18.2	17.7	17.3	17.1	17.0	16.9	16.7	14.8	18.9	4.1
9/26/07	16.8	16.7	16.5	16.3	16.1	15.9	15.7	15.5	15.4	15.6	16.1	16.8	17.6	18.2	18.8	19.2	19.4	19.2	18.7	18.1	17.8	17.6	17.4	17.3	17.2	15.4	19.4	4.0
9/27/07	17.1	16.9	16.7	16.5	16.3	16.0	15.8	15.6	15.5	15.7	16.2	17.1	17.8	18.0	18.4	18.8	18.9	18.7	18.4	18.0	17.7	17.5	17.3	17.2	17.2	15.5	18.9	3.4
9/28/07	17.0	16.8	16.6	16.4	16.2	15.9	15.8	15.7	15.7	15.8	15.9	16.1	16.3	16.5	17.0	17.2	17.5	17.5	17.3	17.0	16.5	16.4	16.2	16.1	16.5	15.7	17.5	1.8
9/29/07	16.1	16.1	16.1	15.9	15.7	15.4	15.2	15.1	15.0	15.1	15.6	16.2	16.9	17.4	17.9	18.3	18.2	17.9	17.4	16.8	16.3	16.0	15.9	15.8	16.4	15.0	18.3	3.3
9/30/07	15.7	15.6	15.4	15.2	15.0	14.8	14.6	14.4	14.3	14.4	14.8	15.5	16.1	16.8	17.4	17.8	18.0	17.9	17.5	16.9	16.4	16.2	16.0	16.0	15.9	14.3	18.0	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	15.9	Minimum	14.3
Mean Daily Mean	19.8	Mean Minimum	18.2
Maximum Daily Mean	25.1		
		Maximum	27.5
Minumum Range	1.2	Mean Maximum	21.8
Maximum Range	4.5		
		Mean Range	3.7
# of Days <= 20 (ºC)	0		
# of Days > 20 (ºC)	0		

Appendix C

Mokelumne River Project (FERC Project No. 137)

2007 Water Temperature Monitoring Program

Reservoir Temperature Profiles

Salt Springs Reservoir near dam (SS1)
Monthly Temperature Profiles
Table C1-1

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
8.775	3851.43	NO DATA		20.64	3925.10	23.498	3911.30	22.537	3890.10	19.257	3866.33	16.775	3848.17
8.77	3850.60	EQUIPMENT		20.64	3918.70	23.447	3910.56	22.499	3889.60	19.252	3865.70	16.774	3847.50
8.753	3849.83	FAILURE		20.28	3912.30	23.402	3909.83	22.465	3888.76	19.248	3864.93	16.773	3846.49
8.72	3848.89			20.2	3905.90	23.369	3909.22	22.444	3888.19	19.243	3864.16	16.773	3845.79
8.674	3848.05			20.14	3899.50	23.33	3908.86	22.423	3887.29	19.232	3863.42	16.773	3845.09
8.644	3847.45			19.86	3893.10	23.301	3908.02	22.41	3886.65	19.225	3862.62	16.772	3844.52
8.633	3846.68			14.16	3886.70	23.289	3907.18	22.401	3885.88	19.222	3861.85	16.772	3843.78
8.627	3846.01			12.79	3880.30	23.279	3906.68	22.397	3885.28	19.219	3861.11	16.773	3843.18
8.626	3845.31			11.99	3873.90	23.262	3906.01	22.392	3884.68	19.217	3860.34	16.773	3842.48
8.623	3844.54			11.66	3867.50	23.237	3905.34	22.387	3884.14	19.216	3859.34	16.774	3841.84
8.615	3843.91			11.22	3861.10	23.22	3904.64	22.381	3883.37	19.216	3858.64	16.774	3841.17
8.598	3843.00			11.15	3854.70	23.202	3904.07	22.377	3882.77	19.215	3857.93	16.774	3840.50
8.584	3842.37			10.89	3848.30	23.187	3903.20	22.368	3882.20	19.214	3857.26	16.773	3839.84
8.571	3841.70			10.45	3841.90	23.185	3902.27	22.362	3881.37	19.213	3856.73	16.773	3839.17
8.565	3841.00			9.86	3835.50	23.184	3901.50	22.362	3880.83	19.213	3856.19	16.774	3838.56
8.556	3840.39			9.79	3829.10	23.18	3900.56	22.36	3879.86	19.213	3855.63	16.774	3837.96
8.534	3839.62			9.64	3822.70	23.172	3899.96	22.357	3879.23	19.213	3854.86	16.773	3837.23
8.527	3839.09			9.45	3816.30	23.159	3898.95	22.357	3878.66	19.212	3854.15	16.773	3836.46
8.52	3838.52			9.27	3809.90	23.152	3898.32	22.358	3878.09	19.212	3853.45	16.773	3835.92
8.512	3837.68			9.17	3803.50	23.147	3898.05	22.36	3877.29	19.213	3852.78	16.773	3835.35
8.507	3837.15			8.98	3797.10	23.137	3897.45	22.361	3876.75	19.213	3851.88	16.774	3834.78
8.489	3836.24			8.84	3790.70	23.131	3896.58	22.36	3876.15	19.212	3851.28	16.774	3834.01
8.477	3835.71			8.76	3784.30	23.123	3895.54	22.361	3875.31	19.212	3850.54	16.773	3833.38
8.449	3834.97			8.59	3777.90	23.115	3895.07	22.361	3874.71	19.212	3849.90	16.773	3832.61
8.433	3834.47			8.52	3771.50	23.104	3894.71	22.361	3874.17	19.211	3849.00	16.772	3831.97
8.416	3833.67			8.45	3765.10	23.095	3893.80	22.361	3873.24	19.211	3848.37	16.773	3831.44
8.41	3833.10			8.4	3758.70	23.091	3893.13	22.361	3872.67	19.21	3847.83	16.773	3830.60
8.404	3832.56			8.34	3752.30	23.087	3892.40	22.362	3872.13	19.21	3847.19	16.773	3829.83
8.4	3831.86			8.29	3745.90	23.083	3891.73	22.359	3871.33	19.209	3846.36	16.773	3829.30
8.392	3831.09			8.27	3739.50	23.077	3891.19	22.358	3870.76	19.21	3845.72	16.774	3828.76
8.384	3830.46			8.26	3733.10	23.063	3890.42	22.353	3869.96	19.209	3844.95	16.774	3827.96
8.378	3829.75			8.21	3726.70	23.058	3889.92	22.349	3869.42	19.208	3844.28	16.77	3827.36
8.372	3829.25			8.14	3720.30	23.042	3888.88	22.343	3868.79	19.208	3843.55	16.768	3826.72
8.365	3828.45			8.1	3713.90	23.03	3888.18	22.339	3868.02	19.208	3842.91	16.767	3826.22
8.36	3827.85			8.02	3707.50	22.823	3887.71	22.337	3867.32	19.207	3842.28	16.768	3825.65
8.353	3827.01			7.97	3701.10	22.242	3887.14	22.326	3866.78	19.207	3841.61	16.772	3824.85
8.35	3826.44			7.95	3694.70	21.417	3886.41	22.305	3866.01	19.206	3841.01	16.771	3824.14
8.345	3825.67			7.94	3694.70	21.09	3885.87	22.285	3865.27	19.206	3840.37	16.768	3823.34
8.338	3825.07					20.701	3885.04	22.276	3864.77	19.206	3839.77	16.766	3822.77
8.332	3824.37			Data taken using		20.404	3884.47	22.266	3864.00	19.205	3838.93	16.769	3821.90
8.327	3823.70			Hydrolab Unit		20.095	3883.83	22.25	3863.23	19.206	3838.16	16.771	3821.33
8.319	3823.06					19.87	3883.10	22.233	3862.77	19.205	3837.53	16.771	3820.73
8.315	3822.43					19.767	3882.56	22.219	3862.03	19.205	3836.96	16.773	3819.86
8.311	3821.56					19.64	3881.76	22.205	3861.39	19.205	3836.46	16.773	3819.13
8.309	3820.69					19.52	3881.16	22.19	3860.66	19.204	3835.72	16.773	3818.56
8.307	3820.15					19.399	3880.42	22.179	3859.96	19.203	3835.18	16.773	3817.96
8.306	3819.62					19.324	3879.85	22.173	3859.52	19.202	3834.45	16.772	3817.39
8.308	3818.85					19.242	3879.01	22.154	3858.78	19.203	3833.68	16.77	3816.65
8.307	3818.15					19.131	3878.28	22.131	3858.05	19.202	3833.01	16.772	3816.02
8.307	3817.51					19.061	3877.74	22.119	3857.31	19.202	3832.47	16.771	3815.21
8.303	3816.84					18.985	3877.24	22.11	3856.71	19.202	3831.81	16.768	3814.68
8.295	3816.17					18.876	3876.81	22.104	3856.11	19.203	3831.04	16.766	3813.91
8.29	3815.77					18.789	3875.94	22.096	3855.41	19.202	3830.50	16.764	3813.34
8.282	3815.03					18.657	3875.17	22.091	3854.77	19.201	3829.73	16.763	3812.60
8.277	3814.33					18.461	3874.43	22.089	3854.10	19.198	3829.00	16.763	3812.03
8.27	3813.66					18.254	3874.00	22.088	3853.50	19.198	3828.46	16.763	3811.23
8.264	3813.06					18.007	3873.29	22.083	3852.83	19.198	3827.72	16.764	3810.70
8.255	3812.32					17.822	3872.52	22.073	3851.96	19.198	3826.95	16.764	3809.89
8.252	3811.79					17.663	3871.86	22.066	3851.22	19.199	3826.25	16.765	3809.36
8.243	3811.02					17.432	3871.29	22.065	3850.76	19.198	3825.72	16.765	3808.59
8.235	3810.35					16.877	3870.72	22.063	3850.09	19.197	3824.95	16.763	3808.05
8.22	3809.58					16.569	3869.98	22.059	3849.28	19.197	3824.38	16.763	3807.25
8.202	3808.74					16.232	3869.18	22.032	3848.61	19.197	3823.64	16.762	3806.58
8.192	3808.31					16.031	3868.44	21.897	3847.94	19.196	3823.14	16.761	3806.01
8.176	3807.81					15.844	3867.77	20.93	3847.38	19.197	3822.47	16.763	3805.34
8.162	3807.10					15.635	3867.27	19	3846.74	19.197	3821.74	16.765	3804.61
8.159	3806.47					15.364	3866.50	18.001	3845.97	19.197	3821.00	16.768	3804.04
8.161	3805.67					15.138	3865.87	17.717	3845.30	19.197	3820.36	16.772	3803.27
8.161	3805.03					14.948	3865.23	17.559	3844.67	19.197	3819.66	16.772	3802.73
8.159	3804.43					14.741	3864.46	17.469	3844.03	19.196	3819.16	16.772	3801.93
8.156	3803.79					14.505	3863.96	17.389	3843.40	19.196	3818.52	16.773	3801.40
8.156	3803.09					14.253	3863.06	17.164	3842.76	19.196	3817.89	16.773	3800.46
8.154	3802.42					14.143	3862.52	16.816	3841.96	19.195	3817.29	16.773	3799.89
8.152	3801.72					14.048	3861.82	16.636	3841.42	19.195	3816.45	16.773	3799.35
8.147	3801.15					13.975	3861.18	16.412	3840.79	19.194	3815.65	16.773	3798.58
8.14	3800.45					13.851	3860.31	16.203	3839.98	19.195	3815.01	16.773	3797.85
8.137	3799.64					13.74	3859.64	16.062	3839.31	19.195	3814.51	16.774	3797.31
8.134	3799.01					13.659	3859.21	15.938	3838.74	19.194	3813.71	16.774	3796.54
8.11	3798.41					13.53	3858.37	15.807	3837.94	19.194	3813.20	16.774	3796.01
8.074	3797.84					13.416	3857.67	15.724	3837.34	19.194	3812.47	16.773	3795.27
8.037	3797.03					13.316	3857.10	15.646	3836.70	19.194	3811.83	16.772	3794.47
8.026	3796.37					13.192	3856.43	15.561	3836.03	19.194	3811.06	16.772	3793.93
8.022	3795.60					13.071	3855.73	15.457	3835.27	19.194	3810.49	16.771	3793.17
8.015	3795.03					12.956	3855.03	15.398	3834.63	19.193	3809.66	16.77	3792.63
8.005	3794.19					12.855	3854.36	15.338	3834.06	19.192	3809.09	16.77	3791.86
7.999	3793.66					12.739	3853.49	15.258	3833.26	19.192	3808.49	16.77	3791.36
7.992	3792.79					12.684	3853.02	15.176	3832.66	19.192	3807.82	16.77	3790.59
7.988	3792.18					12.617	3852.35	15.045	3831.92	19.192	3807.15	16.77	3789.85
7.985	3791.58					12.55	3851.65	14.885	3831.28	19.192	3806.45	16.77	3789.35
7.982	3791.01					12.479	3850.95	14.711	3830.65	19.191	3805.78	16.77	3788.65
7.978	3790.18					12.427	3850.51	14.562	3830.05	19.192	3805.14	16.769	3787.91
7.974	3789.61					12.352	3849.81	14.44	3829.44	19.19	3804.47	16.768	3787.18
7.968	3788.94					12.286	3849.11	14.291	3828.64	19.185	3803.80	16.767	3786.67
7.957	3788.27					12.221	3848.30	14.192	3828.07	19.183	3803.13	16.767	3785.94
7.936	3787.60					12.173	3847.63	14.081	3827.40	19.179	3802.50	16.766	3785.17
7.894	3786.63					12.126	3846.96	13.96	3826.57	19.172	3801.73	16.766	3784.67
7.87	3785.96					12.09	3846.36	13.872	3826.03	19.16	3801.16	16.767	3783.83
7.854	3785.43					12.049	3845.73	13.756	3825.30	19.116	3800.36	16.766	3783.16
7.843	3785.06					12.005	3845.09	13.696	3824.63	19.076	3799.79	16.765	3782.66
7.826	3784.29					11.957	3844.42	13.646	3824.09	18.959	3799.09	16.764	3781.92
7.813	3783.55					11.903	3843.72	13.558	3823.36	18.559	3798.25	16.765	3781.19
7.805	3782.75					11.823	3842.85	13.469	3822.82	18.433	3797.68	16.766	3780.69
7.798	3782.21					11.777	3842.35	13.418	3822.08	18.322	3797.05	16.766	3779.95
7.792	3781.68					11.73	3841.65	13.352	3821.38	18.179	3796.38	16.765	3779.25
7.78	3780.94					11.689	3840.94	13.266	3820.65	17.735	3795.67	16.764	3778.51
7.775	3780.47					11.645	3840.24	13.141	3820.11	17.177	3794.97	16.763	3777.64
7.773	3779.77					11.614	3839.74	13.09	3819.34	16.79	3794.37	16.763	3777.14

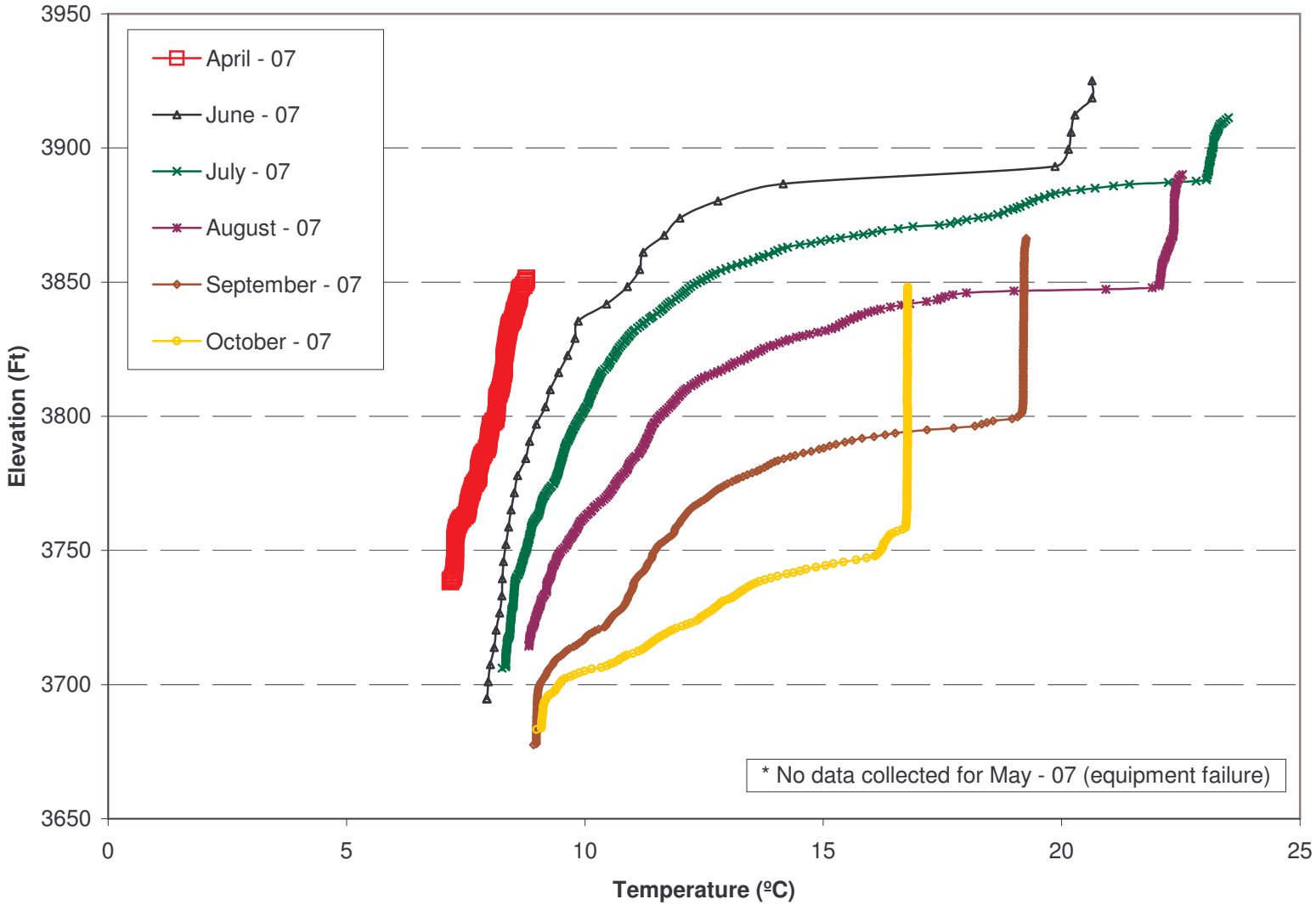
Salt Springs Reservoir near dam (SS1)
Monthly Temperature Profiles
Table C1-1

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
7.771	3778.84					11.57	3839.04	13.038	3818.74	16.511	3793.70	16.763	3776.64
7.77	3778.17					11.513	3838.30	12.963	3818.04	16.3	3793.10	16.762	3775.94
7.768	3777.46					11.43	3837.43	12.863	3817.27	16.062	3792.40	16.761	3775.23
7.768	3776.93					11.391	3836.93	12.786	3816.66	15.813	3791.76	16.761	3774.50
7.74	3776.16					11.353	3836.43	12.698	3815.93	15.6	3791.02	16.761	3774.00
7.716	3775.52					11.287	3835.59	12.592	3815.16	15.455	3790.42	16.761	3773.19
7.695	3774.95					11.235	3834.89	12.506	3814.56	15.266	3789.59	16.762	3772.46
7.665	3774.19					11.203	3834.39	12.437	3813.95	15.136	3788.92	16.76	3771.82
7.652	3773.62					11.154	3833.68	12.387	3813.32	15.01	3788.18	16.76	3771.12
7.642	3772.81					11.102	3832.98	12.329	3812.55	14.91	3787.71	16.76	3770.62
7.636	3772.28					11.042	3832.11	12.283	3811.95	14.745	3786.98	16.76	3769.91
7.624	3771.58					11.009	3831.61	12.227	3811.34	14.579	3786.27	16.761	3769.21
7.608	3770.97					10.972	3830.91	12.149	3810.48	14.412	3785.44	16.762	3768.51
7.597	3770.24					10.938	3830.17	12.106	3809.91	14.305	3784.93	16.762	3767.77
7.587	3769.57					10.915	3829.67	12.068	3809.34	14.17	3784.23	16.761	3767.30
7.579	3769.00					10.883	3828.97	12.031	3808.57	14.053	3783.53	16.76	3766.43
7.569	3768.30					10.854	3828.23	11.994	3807.87	13.984	3783.06	16.759	3765.97
7.558	3767.43					10.828	3827.73	11.966	3807.30	13.901	3782.39	16.757	3765.26
7.556	3766.82					10.789	3827.03	11.925	3806.46	13.835	3781.66	16.752	3764.53
7.554	3766.26					10.757	3826.36	11.898	3805.89	13.768	3780.99	16.751	3763.86
7.547	3765.52					10.723	3825.65	11.86	3805.16	13.676	3780.12	16.749	3763.16
7.541	3764.88					10.692	3824.82	11.829	3804.55	13.608	3779.55	16.748	3762.59
7.534	3764.32					10.677	3824.35	11.801	3803.98	13.509	3778.88	16.747	3761.88
7.523	3763.58					10.654	3823.61	11.759	3803.28	13.408	3778.18	16.745	3761.08
7.49	3762.94					10.629	3822.91	11.715	3802.51	13.313	3777.51	16.743	3760.61
7.435	3762.14					10.603	3822.17	11.672	3801.81	13.224	3776.81	16.739	3759.91
7.402	3761.61					10.582	3821.71	11.637	3801.24	13.169	3776.34	16.735	3759.24
7.377	3760.87					10.543	3820.87	11.593	3800.47	13.089	3775.67	16.733	3758.54
7.357	3760.13					10.522	3820.17	11.563	3799.94	12.99	3774.86	16.663	3757.87
7.344	3759.60					10.509	3819.70	11.527	3799.20	12.918	3774.16	16.551	3757.17
7.323	3758.70					10.488	3818.96	11.503	3798.63	12.853	3773.49	16.462	3756.46
7.315	3758.16					10.459	3818.26	11.469	3797.80	12.793	3772.82	16.408	3755.86
7.308	3757.56					10.411	3817.56	11.446	3797.23	12.738	3772.19	16.378	3755.16
7.3	3756.82					10.367	3816.85	11.419	3796.49	12.687	3771.49	16.352	3754.49
7.295	3756.25					10.339	3816.15	11.402	3795.92	12.64	3770.82	16.32	3753.79
7.288	3755.52					10.322	3815.52	11.382	3795.19	12.592	3770.15	16.292	3753.12
7.284	3754.95					10.305	3814.81	11.369	3794.62	12.555	3769.58	16.265	3752.42
7.283	3754.21					10.292	3814.21	11.35	3793.68	12.499	3768.84	16.253	3751.85
7.282	3753.51					10.273	3813.51	11.341	3793.28	12.434	3768.17	16.252	3751.18
7.281	3752.91					10.252	3812.81	11.323	3792.51	12.372	3767.47	16.229	3750.58
7.28	3752.20					10.237	3812.34	11.302	3791.81	12.318	3766.84	16.199	3749.91
7.28	3751.47					10.217	3811.64	11.285	3791.24	12.272	3766.33	16.17	3749.24
7.282	3750.93					10.201	3810.93	11.267	3790.47	12.221	3765.56	16.131	3748.54
7.283	3750.26					10.183	3810.13	11.255	3789.87	12.177	3764.76	16.086	3747.87
7.28	3749.53					10.172	3809.66	11.236	3789.23	12.145	3764.13	15.909	3747.20
7.275	3748.96					10.152	3808.83	11.214	3788.50	12.114	3763.46	15.692	3746.53
7.276	3748.19					10.135	3808.22	11.197	3787.93	12.087	3762.82	15.427	3745.73
7.281	3747.49					10.12	3807.55	11.174	3787.26	12.061	3762.19	15.217	3745.06
7.281	3746.89					10.104	3806.89	11.148	3786.49	12.03	3761.55	15.047	3744.39
7.281	3746.02					10.092	3806.22	11.123	3785.95	12.005	3760.88	14.847	3743.72
7.277	3745.45					10.081	3805.45	11.068	3785.08	11.979	3760.11	14.643	3743.05
7.27	3744.88					10.072	3804.98	11.036	3784.55	11.952	3759.44	14.517	3742.35
7.266	3744.14					10.052	3804.31	10.998	3783.84	11.915	3758.81	14.376	3741.71
7.263	3743.47					10.026	3803.57	10.966	3783.21	11.897	3758.27	14.237	3741.18
7.261	3742.77					10.003	3802.90	10.939	3782.47	11.883	3757.64	14.043	3740.37
7.259	3742.20					9.98	3802.20	10.923	3781.90	11.872	3756.80	13.902	3739.74
7.253	3741.47					9.961	3801.53	10.901	3781.07	11.853	3756.16	13.778	3739.07
7.25	3740.90					9.94	3800.86	10.89	3780.47	11.817	3755.53	13.668	3738.43
7.244	3740.16					9.913	3800.06	10.874	3779.90	11.757	3754.93	13.577	3737.76
7.218	3739.39					9.897	3799.63	10.838	3779.13	11.716	3754.29	13.5	3737.13
7.193	3738.86					9.872	3798.96	10.806	3778.56	11.658	3753.42	13.432	3736.46
7.18	3738.39					9.848	3798.29	10.764	3777.82	11.602	3752.78	13.359	3735.69
						9.824	3797.42	10.738	3777.22	11.554	3752.12	13.306	3735.05
						9.805	3796.78	10.708	3776.59	11.52	3751.48	13.25	3734.38
						9.788	3796.11	10.678	3775.85	11.502	3750.84	13.2	3733.75
						9.762	3795.31	10.651	3775.08	11.472	3750.04	13.151	3733.08
						9.748	3794.84	10.634	3774.54	11.451	3749.57	13.094	3732.44
						9.727	3794.17	10.612	3773.91	11.423	3748.77	13.012	3731.81
						9.711	3793.50	10.583	3773.07	11.415	3748.13	12.916	3731.17
						9.699	3792.93	10.563	3772.54	11.412	3747.60	12.854	3730.54
						9.685	3792.27	10.531	3771.80	11.392	3746.73	12.806	3729.67
						9.668	3791.60	10.502	3771.06	11.36	3746.09	12.765	3729.03
						9.646	3790.93	10.473	3770.53	11.329	3745.32	12.718	3728.40
						9.622	3790.12	10.44	3769.79	11.315	3744.89	12.669	3727.76
						9.605	3789.42	10.403	3769.12	11.3	3744.22	12.617	3727.12
						9.589	3788.79	10.35	3768.39	11.278	3743.42	12.564	3726.49
						9.577	3788.18	10.311	3767.85	11.25	3742.78	12.488	3725.72
						9.567	3787.58	10.26	3767.08	11.228	3742.15	12.431	3725.08
						9.555	3786.75	10.214	3766.38	11.187	3741.48	12.402	3724.45
						9.546	3786.08	10.186	3765.85	11.145	3740.87	12.341	3723.81
						9.535	3785.31	10.146	3764.98	11.105	3740.10	12.227	3723.01
						9.528	3784.87	10.115	3764.44	11.078	3739.50	12.136	3722.37
						9.518	3784.20	10.07	3763.70	11.05	3738.87	12.041	3721.74
						9.508	3783.57	10.037	3763.17	11.026	3738.10	11.914	3720.97
						9.497	3782.90	9.996	3762.43	11.018	3737.46	11.837	3720.33
						9.483	3782.13	9.963	3761.80	11.016	3736.79	11.78	3719.80
						9.473	3781.49	9.929	3761.13	11.007	3736.16	11.691	3718.96
						9.463	3780.86	9.901	3760.63	10.99	3735.45	11.628	3718.33
						9.452	3780.09	9.879	3759.82	10.975	3734.82	11.567	3717.69
						9.442	3779.45	9.86	3759.12	10.956	3734.18	11.515	3717.09
						9.431	3778.82	9.844	3758.49	10.926	3733.38	11.451	3716.32
						9.418	3778.18	9.824	3757.82	10.911	3732.74	11.407	3715.68
						9.406	3777.58	9.795	3757.05	10.895	3732.14	11.361	3715.08
						9.39	3776.74	9.768	3756.41	10.884	3731.51	11.312	3714.45
						9.376	3776.11	9.747	3755.81	10.863	3730.77	11.256	3713.64
						9.355	3775.34	9.728	3755.14	10.848	3730.14	11.197	3713.01
						9.339	3774.90	9.7	3754.47	10.826	3729.50	11.118	3712.40
						9.301	3774.07	9.666	3753.84	10.79	3728.70	11.009	3711.63
						9.271	3773.43	9.646	3753.07	10.758	3728.09	10.881	3711.03
						9.24	3772.79	9.626	3752.33	10.713	3727.49	10.825	3710.43
						9.214	3772.16	9.61	3751.83	10.647	3726.56	10.744	3709.63
						9.189	3771.42	9.575	3751.09	10.611	3726.09	10.707	3709.13
						9.164	3770.65	9.537	3750.46	10.581	3725.45	10.627	3708.32
						9.144	3770.05	9.496	3749.69	10.547	3724.68	10.543	3707.72
						9.124	3769.38	9.471	3748.98	10.524	3724.05	10.461	3706.98
						9.108	3768.78	9.451	3748.38	10.497	3723.44	10.346	3706.38
						9.095	3768.14	9.429	3747.68	10.478	3722.84	10.147	3705.81

Salt Springs Reservoir near dam (SS1)
Monthly Temperature Profiles
Table C1-1

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
						9.086	3767.51	9.412	3747.04	10.442	3721.87	9.997	3705.01
						9.07	3766.67	9.398	3746.37	10.408	3721.47	9.888	3704.44
						9.059	3765.90	9.384	3745.67	10.29	3720.67	9.78	3703.64
						9.054	3765.47	9.364	3744.87	10.211	3720.03	9.699	3703.04
						9.049	3764.83	9.345	3744.33	10.155	3719.43	9.594	3702.30
						9.039	3764.03	9.323	3743.63	10.095	3718.83	9.537	3701.70
						9.023	3763.36	9.312	3743.13	10.039	3718.06	9.504	3701.10
						8.997	3762.72	9.305	3742.43	10.009	3717.32	9.475	3700.33
						8.972	3762.09	9.301	3741.72	9.982	3716.72	9.455	3699.72
						8.948	3761.45	9.291	3740.96	9.937	3716.15	9.417	3698.92
						8.922	3760.78	9.276	3740.35	9.876	3715.48	9.39	3698.25
						8.904	3760.18	9.262	3739.72	9.822	3714.71	9.379	3697.72
						8.891	3759.38	9.244	3739.05	9.76	3714.11	9.328	3696.91
						8.881	3758.78	9.219	3738.41	9.672	3713.34	9.272	3696.31
						8.875	3758.17	9.207	3737.81	9.612	3712.64	9.235	3695.74
						8.87	3757.37	9.198	3737.07	9.572	3712.04	9.199	3694.94
						8.867	3756.80	9.2	3736.47	9.544	3711.47	9.18	3694.34
						8.85	3756.10	9.198	3735.74	9.493	3710.73	9.154	3693.44
						8.838	3755.50	9.198	3735.13	9.441	3710.13	9.147	3693.03
						8.832	3754.73	9.193	3734.50	9.391	3709.36	9.135	3692.26
						8.826	3754.13	9.158	3733.70	9.365	3708.79	9.126	3691.66
						8.814	3753.32	9.136	3733.06	9.338	3708.09	9.123	3690.93
						8.804	3752.72	9.114	3732.39	9.325	3707.35	9.122	3690.32
						8.796	3752.02	9.086	3731.65	9.287	3706.75	9.119	3689.59
						8.788	3751.42	9.076	3731.05	9.25	3705.98	9.114	3688.92
						8.781	3750.81	9.07	3730.38	9.229	3705.38	9.112	3688.35
						8.768	3750.15	9.061	3729.68	9.212	3704.74	9.106	3687.61
						8.752	3749.38	9.052	3729.05	9.184	3703.84	9.1	3687.08
						8.741	3748.77	9.032	3728.34	9.172	3703.44	9.097	3686.34
						8.727	3747.97	9.017	3727.71	9.151	3702.74	9.094	3685.57
						8.715	3747.27	9.004	3727.04	9.126	3702.07	9.092	3684.87
						8.707	3746.67	8.992	3726.34	9.093	3701.36	9.091	3684.30
						8.696	3746.10	8.979	3725.67	9.074	3700.76	9.089	3683.77
						8.682	3745.33	8.966	3724.96	9.057	3700.03	8.99	3683.23
						8.674	3744.76	8.955	3724.13	9.041	3699.39		
						8.661	3743.99	8.95	3723.59	9.028	3698.75		
						8.65	3743.39	8.944	3723.06	9.021	3698.12		
						8.639	3742.68	8.932	3722.32	9.014	3697.45		
						8.63	3742.12	8.914	3721.65	9.01	3696.61		
						8.612	3741.35	8.89	3720.95	9.007	3696.04		
						8.594	3740.78	8.876	3720.21	9.005	3695.34		
						8.565	3740.01	8.871	3719.58	9.003	3694.74		
						8.553	3739.37	8.865	3718.94	9.001	3694.14		
						8.538	3738.67	8.857	3718.24	9	3693.27		
						8.532	3738.10	8.847	3717.57	8.999	3692.70		
						8.527	3737.37	8.841	3716.90	8.997	3692.13		
						8.523	3736.80	8.838	3716.27	8.996	3691.33		
						8.521	3736.03	8.833	3715.56	8.994	3690.69		
						8.519	3735.29	8.826	3714.89	8.992	3689.92		
						8.518	3734.72	8.823	3714.36	8.992	3689.29		
						8.515	3734.05			8.991	3688.72		
						8.51	3733.32			8.99	3688.08		
						8.507	3732.61			8.989	3687.41		
						8.504	3732.05			8.989	3686.54		
						8.503	3731.31			8.987	3686.04		
						8.502	3730.74			8.985	3685.41		
						8.501	3730.07			8.983	3684.60		
						8.498	3729.34			8.983	3683.97		
						8.48	3728.70			8.982	3683.26		
						8.466	3728.00			8.982	3682.73		
						8.462	3727.30			8.982	3682.03		
						8.46	3726.73			8.981	3681.42		
						8.458	3725.89			8.98	3680.62		
						8.456	3725.35			8.981	3680.09		
						8.454	3724.62			8.981	3679.35		
						8.448	3724.08			8.982	3678.68		
						8.442	3723.35			8.979	3677.95		
						8.439	3722.61			8.922	3677.54		
						8.436	3721.78						
						8.435	3721.24						
						8.432	3720.70						
						8.43	3720.04						
						8.426	3719.33						
						8.422	3718.66						
						8.411	3717.93						
						8.392	3717.26						
						8.377	3716.59						
						8.37	3715.92						
						8.368	3715.25						
						8.366	3714.72						
						8.364	3713.91						
						8.361	3713.24						
						8.355	3712.61						
						8.348	3711.94						
						8.343	3711.27						
						8.34	3710.60						
						8.339	3709.97						
						8.339	3709.30						
						8.339	3708.63						
						8.341	3707.99						
						8.34	3707.29						
						8.335	3706.65						
						8.264	3706.19						

Figure C1-1
Salt Springs Reservoir (SS1) Temperature Profiles



Salt Springs Reservoir mid lake (SS2)
Monthly Temperature Profiles
Table C1-2

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
9.123	3851.23	16.439	3932.90	NO DATA		23.743	3911.03	22.674	3890.37	19.265	3866.53	16.821	3848.07
9.117	3850.56	16.397	3932.10	EQUIPMENT		23.743	3910.23	22.658	3889.63	19.264	3865.70	16.826	3847.43
9.113	3849.83	16.28	3931.39	FAILURE		23.728	3909.59	22.648	3889.03	19.265	3864.96	16.825	3846.86
9.115	3849.23	16.084	3930.69			23.699	3908.92	22.642	3888.26	19.264	3864.16	16.823	3846.16
9.111	3848.56	15.964	3929.95			23.665	3908.19	22.634	3887.62	19.262	3863.55	16.823	3845.56
9.105	3847.89	15.901	3929.42			23.638	3907.49	22.628	3886.85	19.258	3862.85	16.825	3844.52
9.105	3847.25	15.87	3928.68			23.631	3906.82	22.623	3886.32	19.254	3862.08	16.828	3843.78
9.103	3846.62	15.847	3927.75			23.615	3906.25	22.611	3885.55	19.251	3861.41	16.828	3843.05
9.101	3845.88	15.823	3926.94			23.597	3905.58	22.6	3884.88	19.247	3860.74	16.828	3842.34
9.1	3845.24	15.791	3926.17			23.578	3904.78	22.591	3884.28	19.243	3859.91	16.828	3841.64
9.09	3844.44	15.746	3925.54			23.567	3904.27	22.58	3883.71	19.245	3859.34	16.829	3840.77
9.086	3843.74	15.692	3924.84			23.549	3903.74	22.569	3882.94	19.246	3858.80	16.831	3840.14
9.083	3843.17	15.638	3924.23			23.52	3903.34	22.56	3882.37	19.246	3858.24	16.832	3839.47
9.08	3842.43	15.581	3923.60			23.456	3902.43	22.551	3881.60	19.244	3857.70	16.834	3838.80
9.083	3841.90	15.513	3922.96			23.398	3901.86	22.539	3880.93	19.242	3857.20	16.836	3837.93
9.079	3841.13	15.43	3922.19			23.354	3901.30	22.523	3880.23	19.239	3856.50	16.836	3837.29
9.078	3840.49	15.351	3921.49			23.314	3900.49	22.507	3879.63	19.237	3855.86	16.835	3836.59
9.075	3839.56	15.32	3920.89			23.29	3899.86	22.488	3878.86	19.233	3855.09	16.835	3835.99
9.08	3839.05	15.306	3920.12			23.269	3899.22	22.478	3878.19	19.232	3854.59	16.836	3835.42
9.085	3838.55	15.299	3919.58			23.241	3898.25	22.464	3877.59	19.231	3853.75	16.836	3834.82
9.089	3837.88	15.293	3918.78			23.23	3898.02	22.455	3876.98	19.23	3853.25	16.835	3833.71
9.073	3837.21	15.286	3918.25			23.217	3897.28	22.446	3876.28	19.23	3852.45	16.835	3833.14
9.073	3836.55	15.274	3917.48			23.208	3896.58	22.435	3875.61	19.229	3851.91	16.836	3832.58
9.049	3835.71	15.263	3916.91			23.194	3895.78	22.431	3874.98	19.23	3851.18	16.835	3831.97
9.042	3835.21	15.229	3916.17			23.182	3895.17	22.423	3874.17	19.229	3850.44	16.836	3831.37
9.032	3834.30	15.178	3915.64			23.169	3894.54	22.413	3873.57	19.228	3849.87	16.836	3830.74
9.028	3833.84	15.091	3914.87			23.153	3893.63	22.384	3872.77	19.228	3849.20	16.836	3829.93
9.012	3833.10	15.05	3914.30			23.144	3893.00	22.37	3872.23	19.229	3848.47	16.836	3829.30
8.99	3832.40	15.026	3913.49			23.133	3892.16	22.36	3871.60	19.229	3847.76	16.836	3828.76
8.978	3831.69	14.998	3912.96			23.125	3891.53	22.357	3871.03	19.228	3847.26	16.836	3827.93
8.974	3830.99	14.857	3912.22			23.113	3891.03	22.351	3870.16	19.228	3846.39	16.836	3827.19
8.972	3830.49	14.638	3911.45			23.092	3890.39	22.344	3869.62	19.228	3845.86	16.836	3826.62
8.97	3829.69	14.507	3911.09			23.08	3889.72	22.321	3869.06	19.228	3845.22	16.836	3825.92
8.97	3829.15	14.336	3910.28			23.065	3889.29	22.297	3868.22	19.227	3844.42	16.837	3825.35
8.969	3828.52	14.295	3909.68			23.012	3888.45	22.293	3867.52	19.228	3843.85	16.836	3824.81
8.963	3827.85	14.217	3908.94			22.926	3887.81	22.29	3866.91	19.228	3843.08	16.836	3823.94
8.958	3827.14	14.128	3908.38			22.776	3886.98	22.282	3866.04	19.228	3842.44	16.835	3823.41
8.954	3826.61	14.026	3907.67			22.7	3886.37	22.279	3865.61	19.229	3841.71	16.835	3822.61
8.951	3825.84	13.839	3906.94			22.562	3885.57	22.273	3864.91	19.229	3841.21	16.835	3822.04
8.949	3825.14	13.614	3906.20			22.247	3885.00	22.27	3864.20	19.228	3840.44	16.835	3821.10
8.941	3824.54	13.482	3905.53			21.915	3884.40	22.267	3863.50	19.228	3839.70	16.834	3820.50
8.922	3823.83	13.284	3904.80			21.675	3883.80	22.263	3862.80	19.228	3839.17	16.835	3819.96
8.899	3823.26	13.184	3904.23			21.525	3883.20	22.257	3862.20	19.229	3838.36	16.835	3819.43
8.868	3822.53	12.984	3903.49			21.352	3882.36	22.25	3861.56	19.228	3837.76	16.836	3818.59
8.85	3821.83	12.823	3902.82			21.241	3881.76	22.234	3860.93	19.229	3836.76	16.836	3818.09
8.842	3821.19	12.699	3902.12			21.051	3881.19	22.219	3860.22	19.229	3836.15	16.834	3817.29
8.837	3820.32	12.633	3901.48			20.418	3880.39	22.181	3859.52	19.229	3835.62	16.833	3816.75
8.836	3819.68	12.6	3900.88			20.044	3879.82	22.152	3858.78	19.229	3835.05	16.833	3815.95
8.829	3819.05	12.584	3900.15			19.63	3878.95	22.128	3858.08	19.229	3834.38	16.83	3815.31
8.81	3818.28	12.575	3899.51			19.369	3878.35	22.112	3857.48	19.226	3833.55	16.828	3814.61
8.763	3817.61	12.556	3899.01			19.003	3877.74	22.099	3856.91	19.226	3833.04	16.828	3814.11
8.73	3817.07	12.534	3898.27			18.622	3877.17	22.089	3856.17	19.225	3832.47	16.828	3813.31
8.684	3816.34	12.478	3897.54			18.164	3876.30	22.07	3855.57	19.225	3831.64	16.829	3812.77
8.642	3815.57	12.39	3896.73			17.896	3875.74	21.993	3854.80	19.225	3831.07	16.828	3812.00
8.609	3815.07	12.334	3896.16			17.683	3875.20	21.899	3854.17	19.225	3830.33	16.828	3811.26
8.577	3814.36	12.267	3895.43			17.352	3874.50	21.828	3853.53	19.224	3829.76	16.829	3810.73
8.552	3813.66	12.219	3894.73			17.09	3873.80	21.761	3852.90	19.224	3828.96	16.829	3809.96
8.542	3812.99	12.177	3894.22			16.971	3873.23	21.609	3851.99	19.222	3828.36	16.829	3809.42
8.535	3812.09	12.117	3893.35			16.85	3872.56	21.532	3851.49	19.22	3827.82	16.829	3808.72
8.53	3811.62	12.086	3892.79			16.684	3871.79	21.449	3850.76	19.219	3826.99	16.828	3807.95
8.523	3810.95	12.041	3892.22			16.546	3871.09	21.38	3850.19	19.219	3826.45	16.829	3807.42
8.515	3810.38	11.957	3891.48			16.391	3870.38	21.269	3849.48	19.217	3825.65	16.83	3806.68
8.495	3809.65	11.924	3890.88			16.204	3869.71	20.958	3848.65	19.215	3825.05	16.829	3805.91
8.48	3808.98	11.886	3889.94			15.955	3869.01	20.695	3848.15	19.214	3824.34	16.828	3805.41
8.464	3808.44	11.856	3889.27			15.729	3868.41	20.348	3847.44	19.213	3823.68	16.828	3804.64
8.448	3807.77	11.823	3888.80			15.486	3867.71	20.139	3846.77	19.213	3823.14	16.828	3803.97
8.426	3806.94	11.768	3888.20			15.273	3866.94	19.805	3846.14	19.212	3822.30	16.827	3803.17
8.418	3806.34	11.7	3887.60			15.165	3866.44	19.35	3845.44	19.211	3821.77	16.827	3802.73
8.414	3805.67	11.578	3886.86			15.035	3865.70	19.107	3844.77	19.21	3820.93	16.828	3802.03
8.398	3805.03	11.44	3886.20			14.961	3865.16	18.884	3844.16	19.211	3820.40	16.828	3801.33
8.371	3804.40	11.342	3885.49			14.836	3864.39	18.619	3843.36	19.21	3819.59	16.828	3800.66
8.348	3803.76	11.251	3884.56			14.672	3863.63	18.347	3842.73	19.211	3819.06	16.828	3799.96
8.321	3803.06	11.209	3884.05			14.511	3862.99	17.998	3842.06	19.211	3818.09	16.829	3799.25
8.281	3802.25	11.149	3883.52			14.396	3862.49	17.637	3841.42	19.211	3817.52	16.829	3798.75
8.244	3801.65	11.055	3882.75			14.236	3861.82	17.254	3840.75	19.211	3816.98	16.828	3797.88
8.211	3801.02	10.988	3881.98			14.074	3861.08	16.983	3840.22	19.211	3816.45	16.828	3797.41
8.184	3800.41	10.964	3881.44			13.909	3860.38	16.628	3839.45	19.212	3815.65	16.828	3796.68
8.141	3799.78	10.949	3880.71			13.761	3859.68	16.493	3838.81	19.211	3815.11	16.827	3795.98
8.094	3798.94	10.933	3880.17			13.626	3858.94	16.356	3838.14	19.212	3814.31	16.828	3795.27
8.069	3798.31	10.843	3879.44			13.535	3858.54	16.145	3837.41	19.211	3813.57	16.828	3794.57
8.05	3797.50	10.757	3878.63			13.371	3857.90	15.906	3836.70	19.211	3812.94	16.828	3793.97
8.046	3797.10	10.708	3878.13			13.249	3857.20	15.703	3836.10	19.211	3812.40	16.828	3793.27
8.043	3796.37	10.598	3877.40			13.152	3856.57	15.547	3835.37	19.211	3811.73	16.829	3792.43
8.037	3795.63	10.508	3876.63			13.022	3855.86	15.433	3834.76	19.21	3810.93	16.829	3791.96
8.022	3795.03	10.455	3876.13			12.948	3855.19	15.283	3834.23	19.21	3810.39	16.828	3791.26
7.957	3794.33	10.403	3875.36			12.862	3854.46	15.176	3833.46	19.21	3809.66	16.828	3790.59
7.89	3793.76	10.387	3874.85			12.777	3853.82	15.132	3832.69	19.208	3809.09	16.827	3789.89
7.829	3793.05	10.36	3874.12			12.684	3853.12	15.081	3832.05	19.206	3808.32	16.826	3789.22
7.787	3792.35	10.3	3873.18			12.606	3852.42	14.991	3831.38	19.199	3807.55	16.826	3788.51
7.758	3791.68	10.276	3872.71			12.557	3851.85	14.863	3830.72	19.193	3807.02	16.826	3787.85
7.736	3790.95	10.243	3871.94			12.484	3851.01	14.705	3830.05	19.172	3806.08	16.825	3787.24
7.715	3790.38	10.219	3871.44			12.4	3850.24	14.527	3829.44	19.158	3805.58	16.823	3786.64
7.692	3789.67	10.182	3870.71			12.361	3849.77	14.218	3828.67	19.141	3805.04	16.823	3786.01
7.668	3789.01	10.139	3869.97			12.304	3849.11	14.057	3828.01	19.123	3804.27	16.825	3785.34
7.646	3788.30	10.112	3869.47			12.249	3848.44	13.912	3827.30	19.049	3803.54	16.826	3784.70
7.63	3787.77	10.077	3868.76			12.197	3847.77	13.748	3826.73	18.967	3803.00	16.826	3784.03
7.617	3786.96	10.047	3868.16			12.117	3847.00	13.474	3826.00	18.872	3802.40	16.828	3783.23
7.605	3786.40	10.005	3867.29			12.059	3846.33	13.235	3825.20	18.485	3801.66	16.825	3782.43
7.59	3785.73	9.973	3866.82			12.01	3845.66	13.141	3824.63	18.178	3800.89	16.824	3781.99
7.581	3784.96	9.919	3866.09			11.969	3845.06	13.057	3823.89	18.019	3800.22	16.822	3781.32
7.564	3784.29	9.873	3865.42			11.928	3844.39	12.989	3823.39	17.946	3799.72	16.822	3780.65
7.549	3783.75	9.845	3864.72			11.882	3843.72	12.904	3822.62	17.871	3798.95	16.821	3780.02
7.507	3783.05	9.815	3863.98			11.823	3843.05	12.831	3822.05	17.784	3798.22	16.82	3779.35
7.474	3782.35	9.779	3863.31			11.764	3842.41	12.725	3821.31	17.7	3797.71	16.82	3778.68
7.454	3781.68	9.723	3862.71			11.708	3841.78	12.648	3820.65	17.573	3796.98	16.819	3778.01
7.437	3781.01	9.684	3862.11			11.661	3841.11	12.586	3819.88	17.403	3796.24	16.819	3777.21
7.415	3780.31	9.657	3861.40			11.617	3840.31	12.551	3819.34	17.279	3795.74	16.82	3776.57
7.397	3779.60	9.638	3860.70			11.572	3839.64	12.502	3818.60	17.136	3795.00	16.82	3775.94
7.384	3778.90	9.618	3860.03			11.518	3838.97	12.455	3818.04	17.005	3794.34	16.82	3775.27
7.377	3778.37	9.593	3859.33			11.467	3838.37	12.4	3817.37	16.655	3793.63	16.82	3774.60
7.366	3777.66	9.557	3858.66			11.429	3837.73	12.333	3816.70	16.317	3792.90	16.82	3773.96
7.356	3777.03	9.518	3857.96			11.396	3837.13	12.308	3816.06	16.042	3792.19	16.82	3773.29

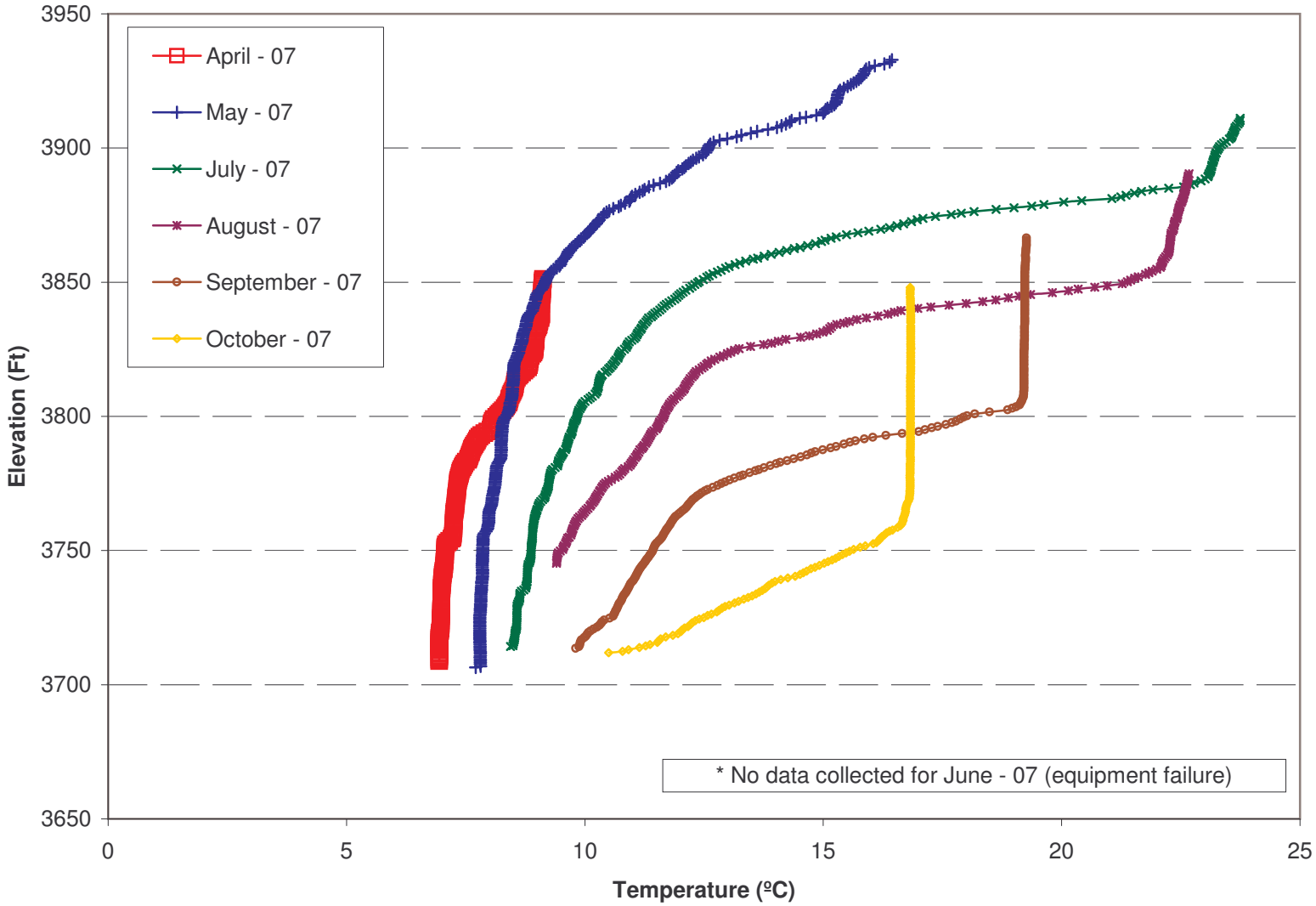
Salt Springs Reservoir mid lake (SS2)
Monthly Temperature Profiles
Table C1-2

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
7.347	3776.33	9.5	3857.42			11.337	3836.66	12.281	3815.39	15.867	3791.59	16.818	3772.39
7.341	3775.72	9.487	3856.65			11.306	3835.92	12.247	3814.76	15.676	3790.89	16.818	3771.95
7.334	3774.92	9.465	3856.02			11.282	3835.19	12.211	3814.05	15.564	3790.39	16.817	3771.29
7.329	3774.25	9.412	3855.35			11.237	3834.49	12.188	3813.32	15.436	3789.65	16.813	3770.62
7.326	3773.72	9.34	3854.71			11.209	3833.82	12.158	3812.72	15.271	3788.78	16.808	3769.95
7.324	3773.08	9.293	3854.04			11.187	3832.91	12.127	3811.98	15.159	3788.28	16.806	3769.31
7.32	3772.31	9.265	3853.44			11.171	3832.41	12.109	3811.38	14.993	3787.54	16.79	3768.48
7.314	3771.68	9.241	3852.77			11.138	3831.68	12.087	3810.54	14.832	3786.84	16.767	3767.84
7.311	3771.11	9.213	3851.97			11.11	3831.04	12.072	3810.07	14.752	3786.34	16.752	3767.27
7.306	3770.44	9.196	3851.33			11.09	3830.37	12.04	3809.37	14.659	3785.64	16.743	3766.64
7.3	3769.80	9.183	3850.70			11.07	3829.63	11.999	3808.77	14.531	3784.90	16.73	3765.97
7.298	3769.07	9.172	3850.03			11.034	3828.97	11.968	3808.03	14.38	3784.20	16.725	3765.33
7.295	3768.40	9.155	3849.43			10.981	3828.40	11.928	3807.36	14.245	3783.53	16.723	3764.49
7.29	3767.69	9.132	3848.62			10.931	3827.73	11.876	3806.63	14.096	3782.83	16.717	3763.82
7.286	3766.99	9.115	3847.99			10.902	3826.99	11.842	3806.03	14.018	3782.36	16.7	3763.16
7.282	3766.32	9.082	3847.19			10.888	3826.46	11.811	3805.26	13.89	3781.66	16.684	3762.35
7.276	3765.69	9.046	3846.68			10.867	3825.72	11.777	3804.55	13.76	3780.85	16.677	3761.78
7.271	3765.05	9.014	3846.05			10.828	3825.05	11.757	3803.88	13.654	3780.15	16.672	3761.18
7.267	3764.28	8.993	3845.38			10.773	3824.28	11.734	3803.22	13.575	3779.68	16.658	3760.55
7.262	3763.68	8.981	3844.74			10.741	3823.65	11.71	3802.55	13.457	3778.98	16.643	3759.88
7.258	3763.01	8.973	3844.07			10.721	3823.01	11.693	3802.01	13.321	3778.14	16.615	3759.24
7.254	3762.11	8.966	3843.44			10.706	3822.31	11.675	3801.24	13.25	3777.67	16.563	3758.61
7.252	3761.54	8.954	3842.47			10.693	3821.71	11.661	3800.61	13.138	3776.97	16.452	3757.64
7.251	3760.94	8.943	3842.03			10.655	3820.94	11.648	3799.94	13.035	3776.27	16.388	3757.20
7.25	3760.23	8.927	3841.37			10.625	3820.33	11.63	3799.27	12.945	3775.60	16.326	3756.60
7.25	3759.70	8.915	3840.73			10.593	3819.60	11.595	3798.60	12.864	3774.93	16.28	3755.83
7.249	3759.00	8.91	3840.09			10.566	3819.00	11.565	3797.86	12.783	3774.23	16.232	3755.19
7.246	3758.16	8.898	3839.29			10.53	3818.26	11.551	3797.23	12.689	3773.53	16.196	3754.56
7.24	3757.59	8.864	3838.66			10.501	3817.72	11.535	3796.59	12.577	3772.69	16.179	3753.96
7.237	3756.96	8.834	3838.02			10.462	3816.96	11.522	3795.92	12.524	3772.22	16.115	3752.99
7.236	3756.22	8.811	3837.25			10.422	3816.39	11.494	3795.35	12.457	3771.55	16.045	3752.55
7.233	3755.48	8.799	3836.65			10.365	3815.52	11.443	3794.58	12.401	3770.85	15.881	3751.75
7.225	3754.78	8.785	3835.95			10.345	3815.05	11.406	3793.98	12.36	3770.31	15.774	3751.25
7.203	3754.35	8.776	3835.34			10.32	3814.28	11.385	3793.35	12.311	3769.61	15.638	3750.44
7.159	3753.61	8.768	3834.61			10.308	3813.71	11.363	3792.71	12.268	3768.94	15.551	3749.77
7.125	3752.97	8.765	3833.97			10.296	3812.94	11.344	3792.01	12.231	3768.27	15.477	3749.17
7.089	3752.27	8.761	3833.40			10.29	3812.27	11.32	3791.27	12.191	3767.47	15.405	3748.54
7.076	3751.47	8.747	3832.63			10.283	3811.50	11.294	3790.57	12.163	3766.84	15.328	3747.77
7.071	3750.93	8.729	3832.03			10.279	3811.03	11.272	3789.93	12.135	3766.17	15.26	3747.13
7.07	3750.30	8.713	3831.23			10.272	3810.40	11.242	3789.20	12.096	3765.46	15.186	3746.50
7.069	3749.66	8.704	3830.59			10.258	3809.56	11.218	3788.56	12.05	3764.83	15.103	3745.86
7.067	3748.96	8.698	3830.02			10.242	3809.03	11.194	3787.99	12.004	3764.13	15.022	3745.22
7.069	3748.36	8.689	3829.25			10.214	3808.29	11.153	3787.49	11.964	3763.49	14.917	3744.42
7.065	3747.55	8.685	3828.52			10.154	3807.49	11.129	3786.66	11.914	3762.75	14.827	3743.75
7.059	3746.79	8.677	3827.92			10.112	3806.92	11.105	3785.92	11.89	3762.35	14.741	3743.22
7.058	3746.22	8.666	3827.31			10.065	3806.32	11.087	3785.28	11.854	3761.58	14.648	3742.38
7.056	3745.65	8.655	3826.71			10.003	3805.61	11.06	3784.65	11.831	3760.98	14.581	3741.74
7.053	3744.91	8.638	3825.94			9.965	3804.84	11.023	3783.91	11.804	3760.14	14.515	3741.14
7.048	3744.28	8.628	3825.27			9.94	3804.21	11	3783.21	11.786	3759.61	14.412	3740.44
7.043	3743.41	8.619	3824.64			9.923	3803.61	10.974	3782.57	11.755	3758.77	14.258	3739.80
7.041	3742.90	8.61	3823.73			9.898	3802.97	10.947	3781.84	11.724	3758.04	14.107	3739.20
7.034	3742.30	8.602	3823.33			9.873	3802.27	10.909	3781.24	11.708	3757.60	13.987	3738.50
7.023	3741.53	8.584	3822.56			9.858	3801.50	10.837	3780.50	11.686	3756.93	13.924	3737.86
7.02	3740.93	8.572	3821.96			9.847	3800.93	10.8	3779.93	11.658	3756.10	13.856	3737.09
7.016	3740.09	8.556	3821.26			9.836	3800.16	10.77	3779.29	11.638	3755.46	13.818	3736.46
7.014	3739.49	8.536	3820.69			9.831	3799.59	10.735	3778.53	11.615	3754.83	13.781	3735.86
7.009	3738.82	8.519	3819.95			9.818	3798.92	10.691	3777.89	11.588	3754.19	13.719	3735.09
7.006	3738.15	8.512	3819.32			9.798	3798.32	10.637	3777.25	11.551	3753.55	13.66	3734.52
7.005	3737.59	8.507	3818.75			9.775	3797.55	10.558	3776.48	11.509	3752.82	13.589	3733.82
7.001	3736.95	8.507	3818.08			9.764	3796.95	10.495	3775.82	11.482	3752.18	13.509	3733.08
6.998	3736.18	8.508	3817.41			9.754	3796.21	10.437	3775.18	11.46	3751.58	13.424	3732.48
6.996	3735.64	8.505	3816.74			9.747	3795.64	10.399	3774.51	11.445	3750.84	13.333	3731.88
6.994	3734.84	8.505	3816.04			9.734	3794.71	10.375	3773.88	11.433	3750.28	13.227	3731.11
6.994	3734.07	8.505	3815.27			9.726	3794.27	10.348	3773.21	11.414	3749.57	13.14	3730.50
6.993	3733.20	8.505	3814.73			9.711	3793.64	10.321	3772.47	11.386	3748.84	13.026	3729.70
6.993	3732.73	8.504	3814.00			9.698	3793.10	10.303	3771.90	11.365	3748.27	12.937	3729.13
6.993	3732.10	8.502	3813.33			9.674	3792.33	10.278	3771.10	11.336	3747.53	12.874	3728.53
6.993	3731.43	8.499	3812.59			9.66	3791.60	10.252	3770.43	11.303	3746.80	12.812	3727.73
6.993	3730.76	8.492	3811.96			9.649	3790.99	10.228	3769.79	11.281	3746.19	12.768	3727.16
6.991	3730.12	8.486	3811.32			9.639	3790.26	10.213	3769.16	11.258	3745.56	12.654	3726.36
6.991	3729.46	8.481	3810.39			9.628	3789.66	10.189	3768.49	11.221	3744.79	12.576	3725.79
6.989	3728.72	8.481	3810.02			9.616	3788.85	10.16	3767.85	11.193	3744.19	12.495	3725.05
6.988	3728.18	8.48	3809.28			9.606	3788.22	10.13	3767.15	11.166	3743.48	12.398	3724.45
6.988	3727.55	8.475	3808.61			9.59	3787.65	10.103	3766.52	11.143	3742.81	12.319	3723.85
6.987	3726.91	8.472	3807.88			9.554	3786.75	10.067	3765.75	11.122	3742.08	12.251	3723.11
6.986	3726.21	8.469	3807.34			9.537	3786.21	10.027	3765.11	11.105	3741.48	12.217	3722.51
6.985	3725.47	8.462	3806.61			9.517	3785.61	9.993	3764.44	11.082	3740.77	12.166	3721.70
6.981	3724.77	8.449	3805.94			9.495	3784.97	9.963	3763.77	11.062	3740.14	12.092	3721.14
6.98	3724.10	8.432	3805.20			9.472	3784.30	9.931	3763.14	11.042	3739.54	12.037	3720.43
6.979	3723.53	8.427	3804.63			9.45	3783.50	9.89	3762.50	11.016	3738.80	12.014	3719.83
6.979	3722.86	8.427	3803.83			9.442	3782.83	9.854	3761.86	10.991	3738.23	11.953	3718.99
6.978	3722.23	8.419	3803.26			9.434	3782.20	9.824	3761.06	10.96	3737.63	11.844	3718.43
6.975	3721.49	8.409	3802.52			9.426	3781.56	9.804	3760.43	10.936	3736.86	11.694	3717.82
6.973	3720.86	8.402	3801.85			9.376	3780.92	9.784	3759.79	10.923	3736.19	11.589	3717.09
6.968	3720.05	8.39	3801.29			9.321	3780.25	9.771	3759.19	10.899	3735.49	11.545	3716.35
6.957	3719.45	8.367	3800.55			9.295	3779.59	9.749	3758.29	10.876	3734.75	11.518	3715.75
6.955	3718.75	8.328	3799.78			9.277	3778.85	9.738	3757.78	10.857	3734.22	11.368	3714.98
6.951	3718.08	8.31	3799.21			9.27	3778.21	9.729	3757.15	10.832	3733.58	11.273	3714.41
6.948	3717.41	8.293	3798.51			9.261	3777.55	9.719	3756.51	10.804	3733.01	11.144	3713.81
6.947	3716.74	8.28	3797.81			9.254	3776.88	9.705	3755.78	10.781	3732.24	10.915	3713.04
6.948	3715.94	8.272	3797.24			9.25	3776.24	9.67	3755.04	10.77	3731.54	10.788	3712.47
6.948	3715.40	8.266	3796.47			9.243	3775.50	9.636	3754.60	10.747	3730.84	10.501	3711.97
6.948	3714.77	8.263	3795.90			9.239	3774.90	9.623	3753.80	10.721	3730.24		
6.948	3714.10	8.262	3795.16			9.236	3774.13	9.611	3753.17	10.705	3729.53		
6.949	3713.46	8.261	3794.46			9.228	3773.50	9.589	3752.53	10.687	3728.83		
6.949	3712.86	8.256	3793.83			9.217	3772.86	9.565	3751.76	10.667	3728.09		
6.949	3712.03	8.253	3793.12			9.2	3772.09	9.548	3751.16	10.648	3727.53		
6.949	3711.39	8.252	3792.59			9.189	3771.59	9.536	3750.42	10.63	3726.76		
6.949	3710.75	8.252	3791.88			9.172	3770.85	9.484	3749.79	10.614	3726.22		
6.948	3710.08	8.25	3791.22			9.162	3770.15	9.441	3749.12	10.595	3725.48		
6.947	3709.42	8.245	3790.51			9.146	3769.55	9.427	3748.45	10.521	3724.75		
6.945	3708.81	8.242	3789.74			9.111	3768.95	9.419	3747.85	10.407	3724.05		
		8.243	3789.21			9.072	3768.24	9.414	3747.21	10.363	3723.41		
		8.244	3788.47			9.045	3767.58	9.41	3746.51	10.343	3722.84		
		8.245	3787.77			9.026	3766.87	9.41	3745.84	10.309	3722.14		
		8.246	3787.20			9.015	3766.24	9.406	3745.24	10.261	3721.44		
		8.243	3786.50			8.997	3765.33			10.186	3720.73		
		8.24	3785.70			8.989	3764.87			10.123	3720.03		
		8.242	3785.16			8.974	3764.13			10.075	3719.40		
		8.235	3784.42			8.962	3763.53			10.049	3718.73		
		8.223	3783.89			8.954	3762.93			10.021	3718.02		
		8.199	3783.19			8.944	3762.12			9.984	3717.49		

Salt Springs Reservoir mid lake (SS2)
Monthly Temperature Profiles
Table C1-2

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
		8.18	3782.55			8.937	3761.55			9.928	3716.72		
		8.158	3781.75			8.932	3760.85			9.909	3716.05		
		8.15	3781.21			8.925	3760.15			9.902	3715.45		
		8.143	3780.51			8.918	3759.55			9.895	3714.75		
		8.142	3779.81			8.912	3758.71			9.874	3714.11		
		8.137	3779.10			8.907	3758.21			9.808	3713.51		
		8.132	3778.40			8.902	3757.51						
		8.129	3777.77			8.901	3756.87						
		8.127	3777.06			8.901	3756.20						
		8.123	3776.53			8.9	3755.53						
		8.119	3775.83			8.899	3754.80						
		8.113	3775.16			8.898	3754.23						
		8.112	3774.42			8.893	3753.46						
		8.104	3773.62			8.887	3752.86						
		8.095	3773.08			8.879	3752.19						
		8.088	3772.38			8.874	3751.45						
		8.087	3771.81			8.872	3750.81						
		8.075	3771.14			8.872	3750.18						
		8.062	3770.44			8.873	3749.44						
		8.058	3769.64			8.871	3748.74						
		8.057	3769.10			8.867	3748.14						
		8.05	3768.43			8.859	3747.40						
		8.047	3767.76			8.855	3746.83						
		8.042	3767.06			8.846	3746.06						
		8.027	3766.43			8.836	3745.49						
		8.01	3765.79			8.811	3744.73						
		7.999	3765.12			8.802	3744.09						
		7.989	3764.45			8.797	3743.45						
		7.988	3763.78			8.794	3742.82						
		7.984	3763.11			8.794	3742.02						
		7.985	3762.44			8.794	3741.41						
		7.984	3761.81			8.794	3740.78						
		7.982	3761.04			8.793	3740.11						
		7.981	3760.37			8.791	3739.47						
		7.975	3759.70			8.785	3738.60						
		7.967	3759.07			8.782	3738.17						
		7.958	3758.30			8.774	3737.37						
		7.95	3757.79			8.767	3736.73						
		7.924	3757.12			8.761	3736.09						
		7.89	3756.46			8.719	3735.36						
		7.874	3755.79			8.669	3734.79						
		7.866	3755.12			8.641	3734.05						
		7.864	3754.31			8.636	3733.48						
		7.862	3753.81			8.632	3732.85						
		7.862	3753.14			8.633	3732.15						
		7.862	3752.47			8.625	3731.41						
		7.858	3751.94			8.607	3730.77						
		7.86	3751.00			8.589	3730.04						
		7.858	3750.47			8.579	3729.37						
		7.857	3749.70			8.576	3728.67						
		7.856	3749.03			8.573	3728.03						
		7.854	3748.36			8.574	3727.43						
		7.851	3747.76			8.575	3726.69						
		7.85	3747.12			8.574	3725.96						
		7.85	3746.45			8.572	3725.39						
		7.85	3745.85			8.572	3724.85						
		7.848	3745.15			8.571	3724.05						
		7.848	3744.48			8.57	3723.35						
		7.848	3743.78			8.572	3722.68						
		7.85	3742.94			8.57	3722.11						
		7.85	3742.47			8.568	3721.37						
		7.85	3741.70			8.561	3720.64						
		7.85	3741.17			8.544	3720.07						
		7.851	3740.40			8.535	3719.37						
		7.849	3739.83			8.532	3718.70						
		7.844	3739.13			8.529	3718.06						
		7.835	3738.42			8.525	3717.36						
		7.835	3737.92			8.519	3716.72						
		7.834	3737.02			8.509	3715.95						
		7.831	3736.38			8.497	3715.25						
		7.828	3735.68			8.492	3714.58						
		7.827	3735.11			8.438	3714.21						
		7.824	3734.41										
		7.82	3733.74										
		7.819	3733.00										
		7.817	3732.27										
		7.819	3731.63										
		7.818	3731.03										
		7.815	3730.19										
		7.813	3729.69										
		7.81	3729.02										
		7.809	3728.35										
		7.808	3727.72										
		7.806	3726.98										
		7.8	3726.35										
		7.795	3725.74										
		7.794	3725.04										
		7.794	3724.37										
		7.794	3723.54										
		7.794	3723.03										
		7.795	3722.26										
		7.795	3721.66										
		7.794	3720.93										
		7.794	3720.19										
		7.795	3719.55										
		7.796	3718.95										
		7.797	3718.28										
		7.797	3717.65										
		7.797	3717.01										
		7.799	3716.28										
		7.798	3715.64										
		7.799	3715.00										
		7.799	3714.24										
		7.8	3713.63										
		7.801	3712.90										
		7.804	3712.26										
		7.805	3711.66										
		7.805	3710.86										
		7.803	3710.22										
		7.807	3709.52										
		7.808	3708.92										
		7.809	3708.25										
		7.809	3707.64										
		7.81	3706.88										
		7.709	3706.41										

Figure C1-2
Salt Springs Reservoir (SS2) Temperature Profiles



Salt Springs Reservoir lake inlet (SS3)
Monthly Temperature Profiles
Table C1-3

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
9.238	3851.13	16.65	3932.80	NO DATA		23.823	3911.13	22.89	3890.07	19.261	3866.47	16.952	3848.10
9.234	3850.53	16.509	3932.36	EQUIPMENT		23.821	3910.70	22.848	3889.70	19.261	3865.60	16.954	3847.40
9.234	3849.46	16.427	3931.63	FAILURE		23.804	3910.26	22.843	3888.96	19.259	3864.86	16.956	3846.73
9.233	3848.79	16.394	3931.16			23.827	3909.39	22.84	3888.23	19.256	3864.09	16.957	3846.06
9.23	3848.15	16.386	3930.22			23.824	3908.66	22.834	3887.39	19.254	3863.39	16.957	3845.39
9.228	3847.52	16.384	3929.55			23.802	3907.72	22.824	3886.89	19.253	3862.92	16.957	3844.72
9.22	3846.88	16.374	3928.75			23.773	3906.95	22.818	3886.39	19.249	3862.22	16.957	3844.02
9.218	3846.28	16.352	3927.98			23.74	3906.21	22.814	3885.72	19.244	3861.55	16.958	3843.41
9.206	3845.61	16.321	3927.21			23.705	3905.78	22.811	3884.95	19.242	3860.78	16.957	3842.81
9.182	3845.01	16.304	3926.81			23.621	3905.28	22.806	3884.28	19.239	3860.11	16.957	3841.98
9.172	3844.37	16.292	3926.51			23.57	3904.61	22.803	3883.54	19.236	3859.47	16.957	3841.24
9.179	3843.84	16.278	3925.61			23.536	3903.94	22.799	3882.91	19.235	3858.77	16.957	3840.81
9.164	3842.80	16.276	3924.80			23.506	3903.37	22.795	3882.27	19.235	3857.87	16.958	3840.27
9.148	3842.27	16.274	3924.10			23.448	3902.67	22.793	3881.50	19.233	3857.20	16.957	3839.37
9.104	3841.76	16.274	3923.73			23.429	3901.96	22.791	3880.83	19.231	3856.46	16.957	3838.70
9.064	3840.96	16.26	3923.06			23.422	3901.10	22.789	3880.23	19.23	3855.76	16.956	3838.13
9.058	3840.29	16.223	3922.19			23.419	3900.33	22.784	3879.46	19.228	3854.86	16.955	3837.43
9.063	3839.76	16.209	3921.62			23.416	3899.66	22.78	3878.79	19.226	3854.15	16.955	3836.76
8.996	3838.99	16.198	3920.99			23.411	3898.92	22.777	3878.26	19.226	3853.45	16.955	3836.19
8.96	3838.45	16.171	3920.32			23.405	3898.72	22.768	3877.59	19.226	3852.71	16.954	3835.18
8.933	3837.62	16.125	3919.55			23.349	3898.05	22.757	3877.02	19.224	3852.11	16.953	3834.65
8.921	3837.11	16.064	3918.85			23.281	3897.55	22.746	3876.25	19.224	3851.64	16.952	3834.01
8.911	3836.48	16.026	3918.38			23.252	3896.55	22.738	3875.65	19.224	3851.18	16.951	3833.45
8.893	3835.81	15.877	3917.24			23.128	3896.08	22.729	3874.98	19.222	3850.31	16.952	3832.61
8.882	3835.11	15.682	3916.77			22.948	3895.44	22.715	3874.24	19.222	3849.70	16.95	3832.01
8.866	3834.40	15.423	3916.24			22.81	3894.77	22.698	3873.50	19.221	3849.20	16.949	3831.40
8.853	3833.77	15.05	3915.50			22.742	3894.07	22.673	3872.84	19.219	3848.53	16.948	3830.84
8.821	3833.10	14.651	3914.80			22.703	3893.27	22.652	3872.27	19.22	3847.63	16.946	3830.00
8.768	3832.43	14.127	3914.20			22.692	3892.56	22.574	3871.63	19.219	3846.99	16.946	3829.40
8.665	3831.59	13.734	3913.70			22.667	3892.13	22.491	3870.96	19.22	3846.29	16.946	3828.76
8.63	3831.09	13.441	3913.16			22.655	3891.29	22.373	3870.23	19.22	3845.66	16.947	3828.03
8.595	3830.36	13.176	3912.36			22.642	3890.66	22.261	3869.46	19.22	3845.12	16.946	3827.29
8.564	3829.79	13.118	3911.55			22.63	3889.82	22.216	3868.85	19.219	3844.38	16.947	3826.75
8.53	3829.19	13.094	3910.62			22.621	3889.22	22.158	3868.35	19.219	3843.55	16.947	3826.02
8.494	3828.55	13.079	3909.91			22.583	3888.72	22.137	3867.55	19.218	3842.98	16.946	3825.45
8.453	3827.78	13.055	3909.15			22.53	3887.98	22.123	3866.98	19.217	3842.44	16.946	3824.75
8.424	3827.04	12.996	3908.48			22.527	3887.24	22.119	3866.21	19.215	3841.81	16.947	3823.98
8.396	3826.34	12.93	3907.97			22.523	3886.44	22.112	3865.61	19.215	3840.97	16.946	3823.34
8.385	3825.97	12.829	3907.57			22.517	3885.81	22.023	3864.94	19.213	3840.44	16.946	3822.77
8.367	3825.04	12.734	3906.94			22.51	3885.07	21.986	3864.27	19.209	3839.63	16.946	3822.00
8.354	3824.27	12.675	3906.10			22.5	3884.43	21.976	3863.47	19.206	3839.07	16.947	3821.43
8.342	3823.80	12.635	3905.43			22.473	3883.80	21.971	3862.97	19.204	3838.50	16.947	3820.63
8.32	3823.13	12.577	3904.83			22.445	3883.16	21.967	3862.20	19.203	3837.59	16.946	3820.03
8.298	3822.49	12.49	3904.26			22.415	3882.49	21.958	3861.49	19.202	3837.12	16.946	3819.23
8.276	3821.66	12.408	3903.52			22.372	3881.82	21.945	3860.99	19.203	3836.56	16.946	3818.66
8.269	3821.19	12.354	3902.62			22.228	3881.02	21.924	3860.32	19.202	3835.82	16.946	3818.12
8.256	3820.45	12.326	3901.95			21.341	3880.35	21.904	3859.49	19.2	3835.08	16.945	3817.15
8.245	3819.78	12.286	3901.52			20.738	3879.82	21.902	3858.95	19.201	3834.55	16.945	3816.58
8.226	3819.05	12.264	3900.95			20.393	3879.12	21.894	3858.18	19.2	3833.58	16.945	3815.95
8.196	3818.41	12.243	3900.15			20.132	3878.41	21.893	3857.61	19.201	3833.04	16.945	3815.41
8.15	3817.78	12.216	3899.51			19.891	3877.84	21.895	3856.91	19.201	3832.47	16.945	3814.58
8.095	3816.97	12.163	3898.71			19.554	3877.01	21.893	3856.21	19.2	3831.50	16.945	3814.04
8.075	3816.31	12.066	3898.21			19.441	3876.41	21.896	3855.54	19.199	3831.04	16.946	3813.24
8.062	3815.67	12	3897.57			19.148	3875.84	21.837	3854.87	19.198	3830.40	16.946	3812.70
8.032	3815.17	11.966	3896.70			18.59	3875.03	21.814	3854.20	19.198	3829.76	16.947	3811.87
8.004	3814.50	11.939	3895.90			18.214	3874.46	21.765	3853.50	19.197	3829.16	16.947	3811.33
7.947	3813.70	11.923	3895.50			17.904	3873.59	21.728	3852.83	19.197	3828.59	16.946	3810.63
7.925	3813.13	11.911	3894.93			17.787	3873.13	21.683	3852.13	19.196	3827.72	16.947	3810.09
7.867	3812.49	11.898	3893.99			17.575	3872.22	21.582	3851.56	19.197	3827.09	16.947	3809.29
7.792	3811.76	11.884	3893.42			17.454	3871.65	21.094	3850.76	19.197	3826.35	16.947	3808.76
7.736	3810.99	11.861	3892.82			17.328	3871.09	20.896	3850.19	19.197	3825.78	16.947	3807.95
7.699	3810.35	11.828	3892.25			17.177	3870.28	20.764	3849.58	19.196	3825.05	16.948	3807.45
7.672	3809.75	11.801	3891.58			17.06	3869.71	20.682	3848.88	19.195	3824.51	16.947	3806.65
7.66	3809.15	11.773	3890.64			16.933	3869.11	20.521	3848.25	19.193	3823.71	16.947	3805.88
7.656	3808.31	11.743	3889.91			16.751	3868.41	20.337	3847.51	19.192	3823.07	16.946	3805.24
7.647	3807.64	11.716	3889.27			16.521	3867.57	20.092	3846.84	19.192	3822.30	16.943	3804.57
7.64	3807.00	11.674	3888.70			16.414	3866.97	19.629	3846.17	19.191	3821.77	16.943	3804.04
7.642	3806.37	11.635	3888.07			16.338	3866.40	19.268	3845.57	19.186	3821.07	16.943	3803.24
7.641	3805.77	11.605	3887.70			16.241	3865.67	19.164	3844.87	19.181	3820.33	16.941	3802.70
7.638	3804.96	11.558	3886.93			16.082	3865.16	19.077	3844.16	19.176	3819.80	16.939	3801.93
7.637	3804.40	11.472	3886.13			15.7	3864.33	18.909	3843.53	19.173	3819.06	16.94	3801.40
7.635	3803.59	11.421	3885.49			15.444	3863.76	18.72	3842.89	19.169	3818.29	16.938	3800.63
7.624	3802.99	11.368	3884.82			14.995	3862.99	18.456	3842.16	19.167	3817.75	16.938	3799.89
7.614	3802.42	11.322	3884.22			14.795	3862.49	17.142	3841.45	19.168	3816.98	16.938	3799.39
7.609	3801.69	11.258	3883.55			14.636	3861.68	16.849	3840.85	19.169	3816.48	16.937	3798.72
7.602	3800.98	11.156	3882.78			14.558	3861.15	16.766	3840.22	19.168	3815.65	16.938	3797.95
7.595	3800.38	11.116	3882.21			14.383	3860.35	16.742	3839.51	19.167	3815.14	16.941	3797.18
7.563	3799.48	11.055	3881.41			14.155	3859.71	16.679	3838.85	19.166	3814.38	16.942	3796.64
7.544	3799.08	10.981	3880.74			13.864	3858.97	16.647	3838.14	19.161	3813.64	16.939	3795.91
7.524	3798.27	10.916	3880.14			13.782	3858.47	16.651	3837.51	19.147	3812.90	16.937	3795.17
7.517	3797.77	10.747	3879.47			13.666	3857.74	16.611	3836.77	19.13	3812.33	16.935	3794.57
7.512	3797.00	10.629	3878.90			13.463	3857.07	16.575	3836.10	19.114	3811.60	16.935	3793.83
7.504	3796.40	10.575	3878.13			13.331	3856.40	16.385	3835.53	19.104	3811.10	16.936	3793.20
7.492	3795.60	10.561	3877.53			13.223	3855.70			19.094	3810.36	16.935	3792.70
7.477	3794.89	10.559	3876.69			13.059	3854.96			19.089	3809.76	16.935	3791.96
7.443	3794.29	10.559	3876.23			12.967	3854.36			19.086	3809.06	16.934	3791.22
7.419	3793.76	10.526	3875.52			12.908	3853.76			19.083	3808.32	16.934	3790.52
7.406	3792.99	10.484	3874.85			12.795	3853.05			19.065	3807.62	16.935	3790.02
7.403	3792.32	10.469	3874.15			12.658	3852.38			19.023	3807.12	16.935	3789.28
7.401	3791.65	10.461	3873.58			12.539	3851.68			18.964	3806.38	16.936	3788.55
7.397	3790.88	10.455	3872.91			12.473	3851.01			18.925	3805.68	16.933	3787.75
7.394	3790.38	10.455	3872.21			12.442	3850.31			18.817	3804.94	16.932	3787.24
7.388	3789.71	10.452	3871.61			12.427	3849.51			18.735	3804.31	16.932	3786.54
7.378	3789.01	10.448	3870.84			12.423	3849.04			18.629	3803.57	16.933	3785.84
7.35	3788.27	10.414	3870.20			12.405	3848.37			18.564	3803.07	16.933	3785.37
7.336	3787.77	10.366	3869.50			12.382	3847.70			18.404	3802.36	16.933	3784.67
7.325	3786.93	10.306	3868.87			12.346	3846.93			18.249	3801.76	16.933	3783.86
7.323	3786.36	10.231	3868.13			12.312	3846.46			17.95	3801.06	16.932	3783.36
7.322	3785.63	10.187	3867.53			12.242	3845.76			17.703	3800.32	16.928	3782.66
7.32	3784.99	10.109	3866.59			12.176	3845.06			17.57	3799.62	16.926	3782.02
7.322	3784.36	10.08	3866.09			12.103	3844.22			17.327	3798.85	16.923	3781.29
7.311	3783.72	10.04	3865.29			12.053	3843.72			17.22	3798.42	16.92	3780.55
7.297	3783.15	10.021	3864.82			11.985	3843.05			17.129	3797.71	16.91	3779.88
7.29	3782.45	10.003	3864.15			11.917	3842.35			17.012	3797.05	16.901	3779.15
7.263	3781.68	9.988	3863.38			11.853	3841.68			16.817	3796.34	16.896	3778.68
7.241	3780.98	9.975	3862.71			11.782	3840.98			16.575	3795.64	16.893	3777.98

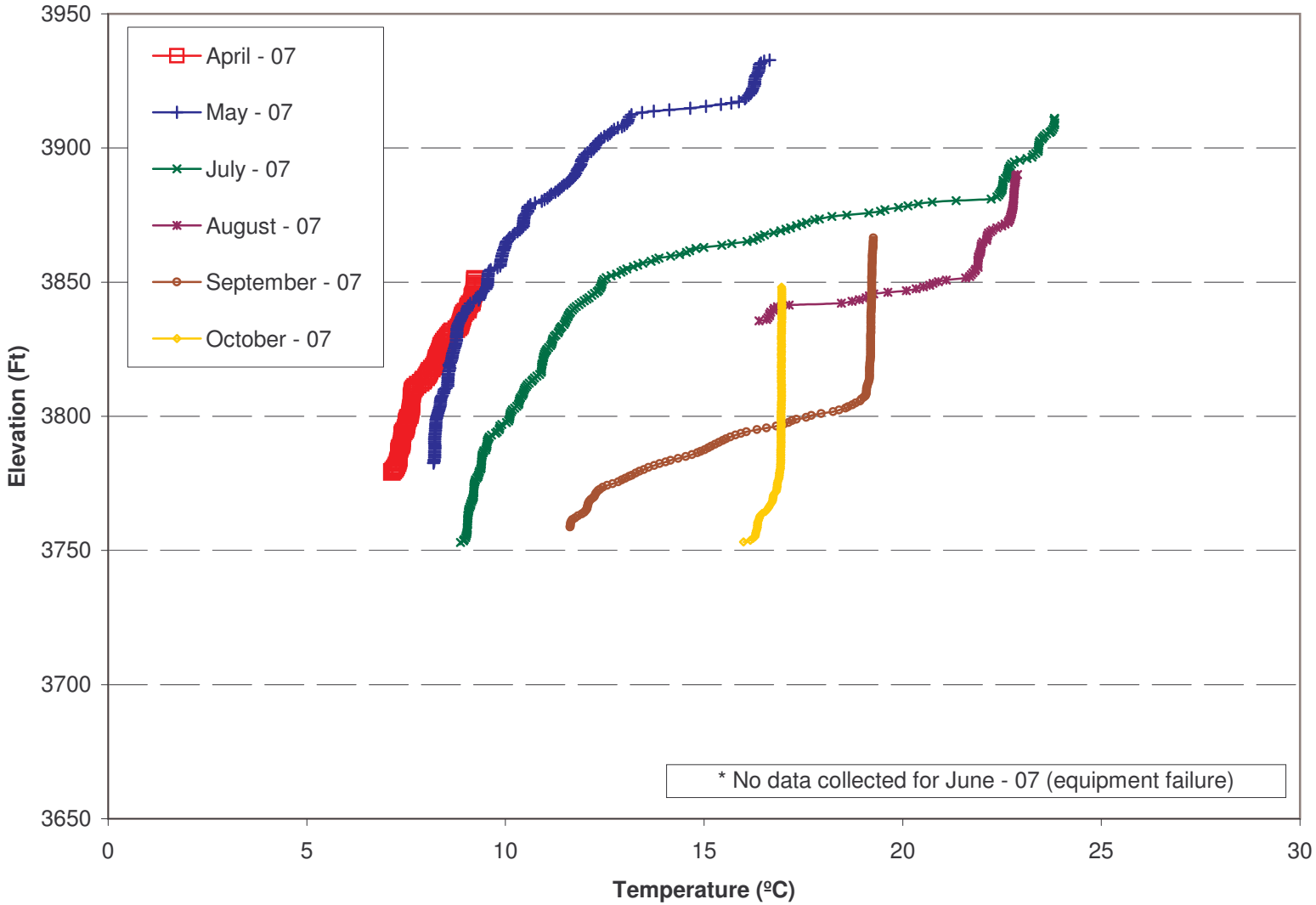
Salt Springs Reservoir lake inlet (SS3)
Monthly Temperature Profiles
Table C1-3

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
7.213	3780.34	9.959	3862.07			11.726	3840.31			16.331	3795.00	16.887	3777.27
7.181	3779.74	9.951	3861.71			11.689	3839.60			16.069	3794.27	16.879	3776.67
7.142	3779.24	9.931	3860.80			11.639	3838.77			15.928	3793.63	16.86	3775.94
		9.914	3860.03			11.611	3838.30			15.794	3792.96	16.85	3775.23
		9.907	3859.46			11.586	3837.60			15.665	3792.26	16.844	3774.56
		9.898	3858.63			11.569	3837.10			15.557	3791.56	16.838	3773.89
		9.891	3858.16			11.541	3836.29			15.472	3790.99	16.834	3773.33
		9.881	3857.52			11.519	3835.62			15.376	3790.29	16.829	3772.66
		9.875	3856.79			11.501	3834.92			15.279	3789.59	16.815	3771.95
		9.866	3856.02			11.474	3834.25			15.184	3788.88	16.771	3771.32
		9.801	3855.48			11.421	3833.45			15.107	3788.25	16.746	3770.65
		9.627	3854.61			11.394	3833.01			15.02	3787.58	16.736	3769.95
		9.585	3854.08			11.368	3832.55			14.916	3786.88	16.73	3769.28
		9.567	3853.31			11.346	3831.68			14.833	3786.37	16.726	3768.58
		9.565	3852.71			11.322	3831.11			14.696	3785.70	16.701	3767.87
		9.558	3852.10			11.268	3830.34			14.542	3785.00	16.669	3767.20
		9.553	3851.30			11.23	3829.77			14.35	3784.30	16.637	3766.40
		9.554	3850.70			11.192	3828.93			14.16	3783.60	16.624	3765.90
		9.554	3850.00			11.179	3828.26			14.034	3782.99	16.589	3765.23
		9.549	3849.39			11.174	3827.66			13.886	3782.33	16.547	3764.53
		9.545	3848.79			11.163	3826.96			13.748	3781.62	16.467	3763.86
		9.527	3848.06			11.137	3826.36			13.607	3780.95	16.422	3763.19
		9.506	3847.39			11.089	3825.65			13.49	3780.18	16.401	3762.65
		9.442	3846.62			11.047	3824.95			13.381	3779.52	16.387	3761.98
		9.398	3846.02			11.026	3824.42			13.284	3778.85	16.367	3761.18
		9.374	3845.28			10.998	3823.81			13.187	3778.04	16.35	3760.51
		9.363	3844.68			10.978	3823.14			13.118	3777.57	16.346	3759.84
		9.355	3844.04			10.966	3822.31			13.02	3776.91	16.342	3759.21
		9.326	3843.41			10.955	3821.81			12.936	3776.24	16.338	3758.54
		9.191	3842.67			10.944	3820.94			12.843	3775.57	16.329	3757.87
		9.115	3842.07			10.941	3820.43			12.698	3774.90	16.317	3757.23
		9.069	3841.13			10.924	3819.53			12.561	3774.26	16.302	3756.57
		9.058	3840.76			10.913	3819.03			12.454	3773.56	16.291	3755.80
		9.042	3840.09			10.908	3818.33			12.376	3772.76	16.283	3755.13
		9.025	3839.39			10.906	3817.66			12.34	3772.32	16.235	3754.49
		8.971	3838.66			10.905	3816.92			12.296	3771.65	16.163	3753.82
		8.928	3837.99			10.904	3816.42			12.267	3770.98	15.993	3753.22
		8.9	3837.15			10.86	3815.65			12.239	3770.15		
		8.889	3836.71			10.792	3815.05			12.21	3769.61		
		8.866	3835.98			10.73	3814.31			12.154	3768.94		
		8.847	3835.41			10.686	3813.58			12.113	3768.27		
		8.82	3834.67			10.661	3813.04			12.087	3767.50		
		8.803	3833.94			10.602	3812.34			12.075	3766.84		
		8.791	3833.34			10.555	3811.80			12.063	3766.20		
		8.783	3832.67			10.525	3811.00			12.056	3765.56		
		8.781	3832.06			10.49	3810.40			12.03	3764.90		
		8.781	3831.26			10.469	3809.73			11.992	3764.26		
		8.774	3830.69			10.453	3808.93			11.93	3763.66		
		8.769	3829.96			10.443	3808.32			11.835	3762.95		
		8.769	3829.35			10.418	3807.65			11.753	3762.12		
		8.766	3828.55			10.381	3806.99			11.688	3761.48		
		8.765	3828.05			10.359	3806.38			11.658	3760.88		
		8.751	3827.28			10.347	3805.68			11.643	3760.21		
		8.742	3826.68			10.339	3804.84			11.638	3759.58		
		8.734	3826.04			10.324	3804.38			11.63	3758.87		
		8.714	3825.31			10.284	3803.77			11.624	3758.71		
		8.698	3824.57			10.228	3803.04						
		8.683	3823.87			10.177	3802.44						
		8.671	3823.30			10.147	3801.70						
		8.664	3822.56			10.123	3801.03						
		8.657	3822.03			10.112	3800.29						
		8.65	3821.36			10.108	3799.66						
		8.634	3820.66			10.103	3798.96						
		8.612	3819.95			10.077	3798.25						
		8.584	3819.25			10.026	3797.69						
		8.588	3818.72			9.91	3796.98						
		8.6	3817.98			9.862	3796.31						
		8.585	3817.24			9.851	3795.58						
		8.576	3816.71			9.837	3795.01						
		8.561	3815.84			9.795	3794.24						
		8.558	3815.34			9.748	3793.67						
		8.554	3814.63			9.65	3793.03						
		8.552	3813.97			9.597	3792.27						
		8.551	3813.26			9.575	3791.70						
		8.548	3812.56			9.55	3791.06						
		8.547	3811.86			9.538	3790.43						
		8.545	3811.29			9.537	3789.69						
		8.503	3810.55			9.529	3788.95						
		8.466	3809.98			9.517	3788.35						
		8.448	3809.28			9.502	3787.55						
		8.441	3808.58			9.458	3787.08						
		8.413	3807.74			9.434	3786.38						
		8.393	3807.21			9.417	3785.61						
		8.379	3806.64			9.408	3785.01						
		8.37	3805.94			9.405	3784.30						
		8.365	3805.23			9.4	3783.53						
		8.364	3804.60			9.398	3782.93						
		8.353	3803.90			9.394	3782.26						
		8.339	3803.23			9.392	3781.63						
		8.327	3802.52			9.387	3780.89						
		8.317	3801.95			9.372	3780.32						
		8.302	3801.22			9.345	3779.55						
		8.286	3800.52			9.333	3778.88						
		8.274	3799.95			9.318	3778.11						
		8.265	3799.31			9.305	3777.51						
		8.256	3798.64			9.276	3776.94						
		8.25	3797.91			9.245	3776.24						
		8.248	3797.17			9.229	3775.60						
		8.248	3796.60			9.22	3774.90						
		8.244	3795.90			9.212	3774.30						
		8.239	3795.30			9.207	3773.60						
		8.237	3794.59			9.206	3772.96						
		8.233	3793.83			9.204	3772.16						
		8.226	3793.26			9.203	3771.49						
		8.223	3792.49			9.2	3770.75						
		8.218	3791.85			9.194	3770.08						

Salt Springs Reservoir lake inlet (SS3)
Monthly Temperature Profiles
Table C1-3

APRIL (4/17/07)		MAY (5/30/07)		JUNE (6/27/07)		JULY (7/25/07)		AUGUST (8/22/07)		SEPTEMBER (9/24/07)		OCTOBER (10/12/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
		8.217	3791.25			9.185	3769.55						
		8.216	3790.55			9.168	3768.95						
		8.218	3789.88			9.146	3768.24						
		8.224	3789.14			9.128	3767.44						
		8.225	3788.51			9.121	3766.84						
		8.222	3787.94			9.1	3766.14						
		8.221	3787.17			9.082	3765.37						
		8.219	3786.50			9.073	3764.77						
		8.22	3785.80			9.068	3764.16						
		8.221	3785.19			9.061	3763.36						
		8.219	3784.56			9.055	3762.82						
		8.207	3783.79			9.05	3762.02						
		8.205	3783.19			9.047	3761.52						
		8.188	3782.52			9.046	3760.85						
						9.045	3760.11						
						9.044	3759.51						
						9.043	3758.54						
						9.041	3758.11						
						9.039	3757.54						
						9.034	3756.87						
						9.023	3756.20						
						9.012	3755.53						
						9	3754.76						
						8.966	3754.13						
						8.944	3753.56						
						8.872	3753.02						

Figure C1-3
Salt Springs Reservoir (SS3) Temperature Profiles



Lower Bear River Reservoir near dam (LB1)
Monthly Temperature Profiles
Table C2-1

APRIL (4/17/07)		MAY (5/29/07)		JUNE (6/26/07)		JULY (7/24/07)		AUGUST (8/21/07)		SEPTEMBER (9/25/07)		OCTOBER (10/11/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
NO DATA		15.67	5815.33	18.974	5816.40	21.273	5803.60	20.121	5792.53	17.117	5776.27	14.301	5775.43
Weather/ Access		15.627	5814.66	18.929	5815.76	21.224	5802.39	20.085	5791.90	17.116	5775.56	14.303	5774.83
Issues		15.602	5813.93	18.897	5815.19	21.211	5801.66	20.05	5791.19	17.116	5774.89	14.303	5774.09
		15.591	5813.29	18.872	5814.46	21.198	5800.92	20.02	5790.66	17.115	5774.02	14.303	5773.42
		15.583	5812.62	18.85	5813.76	21.185	5800.32	19.989	5790.09	17.116	5773.42	14.303	5772.69
		15.575	5811.99	18.824	5813.02	21.173	5799.65	19.974	5789.22	17.116	5772.79	14.302	5772.02
		15.555	5811.38	18.801	5812.28	21.16	5798.98	19.968	5788.75	17.116	5772.12	14.304	5771.08
		15.528	5810.71	18.783	5811.58	21.145	5798.58	19.956	5787.81	17.115	5771.48	14.305	5770.51
		15.503	5809.94	18.771	5810.88	21.134	5797.94	19.951	5787.31	17.116	5770.88	14.305	5769.91
		15.492	5809.41	18.753	5809.94	21.127	5797.38	19.941	5786.64	17.114	5770.28	14.304	5769.28
		15.483	5808.91	18.747	5809.27	21.12	5796.84	19.933	5785.81	17.114	5769.41	14.305	5768.61
		15.474	5808.41	18.738	5808.57	21.109	5795.77	19.926	5785.51	17.115	5768.77	14.305	5767.97
		15.46	5807.70	18.733	5807.90	21.104	5795.13	19.917	5784.67	17.115	5768.17	14.306	5767.30
		15.446	5806.97	18.727	5807.27	21.099	5794.40	19.912	5784.20	17.114	5767.37	14.306	5766.70
		15.427	5806.30	18.714	5806.63	21.093	5793.70	19.906	5783.33	17.115	5766.76	14.306	5766.06
		15.358	5805.63	18.689	5805.99	21.087	5793.06	19.901	5782.70	17.115	5766.23	14.306	5765.50
		15.327	5804.86	18.665	5805.22	21.081	5792.36	19.896	5781.69	17.115	5765.59	14.305	5764.83
		15.308	5804.29	18.654	5804.59	21.075	5791.69	19.893	5781.32	17.114	5764.92	14.305	5764.19
		15.21	5803.69	18.644	5803.95	21.068	5791.05	19.887	5780.66	17.114	5764.19	14.304	5763.69
		14.94	5802.92	18.631	5803.35	21.058	5790.38	19.883	5780.02	17.113	5763.62	14.303	5762.89
		14.789	5802.38	18.618	5802.58	21.045	5789.75	19.877	5779.32	17.113	5762.85	14.303	5762.32
		14.547	5801.55	18.61	5801.95	21.036	5789.11	19.874	5778.58	17.113	5762.28	14.302	5761.51
		14.442	5801.01	18.603	5801.38	21.024	5788.31	19.865	5777.95	17.112	5761.24	14.301	5760.98
		14.348	5800.34	18.598	5800.71	21.011	5787.71	19.855	5777.08	17.113	5760.64	14.299	5760.14
		14.203	5799.57	18.596	5800.07	20.992	5787.07	19.847	5776.61	17.112	5760.04	14.299	5759.54
		13.89	5798.70	18.594	5799.47	20.968	5786.44	19.842	5775.87	17.112	5759.44	14.299	5759.00
		13.733	5798.27	18.593	5798.83	20.946	5785.80	19.84	5775.47	17.112	5758.90	14.299	5758.03
		13.586	5797.57	18.592	5798.23	20.93	5785.17	19.836	5774.57	17.112	5758.03	14.299	5757.57
		13.423	5796.93	18.589	5797.63	20.916	5784.56	19.835	5774.13	17.113	5757.50	14.298	5756.90
		13.295	5796.26	18.589	5796.99	20.896	5783.89	19.832	5773.23	17.111	5756.76	14.299	5756.26
		13.206	5795.69	18.563	5796.39	20.864	5783.36	19.83	5772.69	17.111	5756.16	14.298	5755.69
		13.106	5795.02	18.451	5795.59	20.812	5782.72	19.829	5771.89	17.112	5755.39	14.297	5754.92
		12.991	5794.25	18.27	5794.85	20.768	5782.02	19.829	5771.32	17.112	5754.62	14.297	5754.35
		12.871	5793.65	18.001	5794.25	20.702	5781.25	19.826	5770.65	17.111	5754.08	14.297	5753.65
		12.71	5793.02	17.417	5793.65	20.643	5780.68	19.82	5770.05	17.11	5753.52	14.296	5752.78
		12.551	5792.31	16.815	5793.05	20.585	5780.11	19.815	5769.31	17.109	5752.75	14.296	5752.28
		12.358	5791.68	16.339	5792.44	20.532	5779.54	19.807	5768.71	17.109	5752.24	14.296	5751.58
		12.09	5790.98	15.769	5791.54	20.445	5778.71	19.797	5768.11	17.109	5751.48	14.296	5750.91
		11.921	5790.31	15.445	5790.91	20.339	5778.11	19.79	5767.31	17.109	5750.74	14.295	5750.24
		11.81	5789.57	15.153	5790.30	20.21	5777.54	19.785	5766.57	17.11	5750.17	14.297	5749.50
		11.685	5788.73	14.874	5789.70	19.763	5776.67	19.783	5765.97	17.112	5749.47	14.296	5749.04
		11.515	5788.20	14.589	5789.10	19.535	5776.10	19.781	5765.27	17.111	5748.83	14.296	5748.33
		11.309	5787.53	14.174	5788.30	19.154	5775.30	19.78	5764.80	17.112	5748.03	14.296	5747.56
		11.111	5786.79	13.812	5787.69	18.535	5774.53	19.775	5763.96	17.112	5747.56	14.296	5746.96
		10.971	5786.29	13.462	5787.13	18.011	5773.96	19.767	5763.22	17.112	5746.82	14.296	5746.29
		10.742	5785.62	12.998	5786.26	17.546	5773.36	19.761	5762.76	17.112	5746.09	14.297	5745.69
		10.443	5784.89	12.748	5785.65	16.939	5772.82	19.754	5761.99	17.11	5745.39	14.298	5744.99
		9.976	5784.12	12.512	5785.05	16.458	5772.02	19.749	5761.32	17.109	5744.85	14.298	5744.35
		9.687	5783.48	12.225	5784.32	16.079	5771.38	19.745	5760.75	17.108	5743.98	14.297	5743.85
		9.453	5782.81	11.924	5783.75	15.805	5770.78	19.74	5760.01	17.109	5743.35	14.298	5742.81
		9.372	5782.34	11.467	5782.88	15.51	5769.98	19.723	5759.34	17.107	5742.84	14.3	5742.31
		9.279	5781.54	11.162	5782.27	15.338	5769.44	19.699	5758.61	17.108	5742.07	14.3	5741.61
		9.192	5780.81	10.796	5781.50	14.948	5768.47	19.65	5757.87	17.11	5741.37	14.301	5740.77
		9.116	5780.27	10.564	5780.90	14.731	5767.87	19.611	5757.37	17.11	5740.87	14.301	5740.34
		8.947	5779.50	10.363	5780.33	14.523	5767.30	19.264	5756.63	17.111	5740.10	14.302	5739.57
		8.723	5778.76	10.202	5779.73	14.307	5766.73	19.126	5756.07	17.108	5739.36	14.302	5738.93
		8.618	5778.26	10.027	5778.90	13.924	5765.93	18.944	5755.26	17.108	5738.90	14.303	5738.23
		8.469	5777.33	9.923	5778.33	13.635	5765.36	18.808	5754.76	17.103	5738.13	14.304	5737.53
		8.393	5776.86	9.765	5777.52	13.258	5764.56	18.552	5753.86	17.099	5737.49	14.303	5736.72
		8.226	5776.09	9.655	5776.95	12.995	5764.02	18.491	5753.42	17.097	5736.75	14.303	5736.19
		8.07	5775.59	9.549	5776.42	12.74	5763.49	18.309	5752.49	17.098	5736.05	14.303	5735.52
		7.921	5774.82	9.337	5775.38	12.415	5762.68	18.136	5751.92	17.096	5735.35	14.303	5734.82
		7.804	5774.05	9.218	5774.85	12.114	5762.01	17.948	5751.15	17.093	5734.85	14.303	5734.15
		7.743	5773.51	9.093	5774.28	11.927	5761.45	17.824	5750.58	17.092	5734.15	14.303	5733.55
		7.692	5772.84	8.945	5773.61	11.619	5760.61	17.632	5749.91	17.092	5733.58	14.302	5732.78
		7.659	5772.11	8.827	5773.04	11.431	5760.07	17.45	5749.27	17.085	5732.84	14.302	5732.14
		7.628	5771.44	8.674	5772.27	11.162	5759.30	17.329	5748.54	17.08	5731.97	14.303	5731.57
		7.596	5770.87	8.579	5771.70	10.979	5758.74	17.16	5747.84	17.068	5731.47	14.303	5730.94
		7.531	5770.10	8.446	5770.90	10.72	5757.97	17.073	5747.33	17.055	5730.73	14.303	5730.23
		7.489	5769.56	8.351	5770.36	10.507	5757.40	17.003	5746.66	17.048	5730.16	14.303	5729.60
		7.442	5768.76	8.218	5769.56	10.172	5756.63	16.922	5746.06	17.04	5729.43	14.303	5728.90
		7.419	5768.23	8.123	5768.86	9.913	5755.93	16.803	5745.16	17.035	5728.93	14.301	5728.19
		7.39	5767.46	8.068	5768.29	9.737	5755.42	16.651	5744.52	17.024	5728.02	14.297	5727.52
		7.359	5766.65	8.007	5767.52	9.527	5754.69	16.495	5743.89	17.023	5727.42	14.296	5726.69
		7.336	5766.15	7.968	5766.99	9.381	5753.98	16.383	5743.35	17.019	5726.79	14.297	5726.22
		7.293	5765.22	7.913	5766.18	9.304	5753.45	16.279	5742.42	16.995	5726.15	14.298	5725.48
		7.262	5764.68	7.875	5765.65	9.206	5752.68	16.139	5741.71	16.964	5725.48	14.297	5724.81
		7.223	5764.14	7.828	5764.84	9.129	5751.91	16.043	5741.08	16.938	5724.74	14.297	5724.14
		7.183	5763.37	7.805	5764.31	9.09	5751.41	15.878	5740.71	16.918	5724.08	14.296	5723.44
		7.161	5762.84	7.77	5763.51	9.039	5750.54	15.696	5739.84	16.908	5723.34	14.295	5722.74
		7.135	5762.24	7.737	5762.70	9.004	5749.97	15.567	5739.37	16.891	5722.70	14.294	5722.20
		7.098	5761.43	7.714	5762.17	8.972	5749.43	15.454	5738.47	16.886	5722.10	14.294	5721.40
		7.072	5760.67	7.684	5761.63	8.921	5748.73	15.353	5737.77	16.873	5721.47	14.295	5720.73
		7.059	5760.16	7.642	5760.86	8.857	5748.03	15.315	5737.10	16.865	5720.80	14.293	5720.26
		7.04	5759.26	7.616	5760.36	8.796	5747.29	15.248	5736.76	16.851	5720.13	14.29	5719.36
		7.026	5758.69	7.577	5759.59	8.737	5746.62	15.104	5735.79	16.845	5719.46	14.29	5718.76
		7.011	5758.19	7.541	5758.82	8.698	5746.12	14.992	5735.32	16.847	5718.82	14.289	5718.09
		6.986	5757.45	7.517	5758.29	8.635	5745.42	14.719	5734.55	16.812	5718.02	14.289	5717.39
		6.962	5756.68	7.486	5757.52	8.58	5744.75	14.64	5733.92	16.769	5717.35	14.289	5716.75
		6.937	5756.15	7.462	5756.85	8.531	5744.05	14.447	5733.28	16.738	5716.68	14.291	5716.15
		6.898	5755.45	7.448	5756.31	8.498	5743.31	14.292	5732.61	16.722	5716.08	14.291	5715.48
		6.875	5754.64	7.424	5755.58	8.468	5742.61	14.191	5731.94	16.715	5715.44	14.291	5714.81
		6.864	5754.11	7.4	5754.81	8.443	5742.11	14.038	5731.31	16.711	5714.74	14.291	5714.17
		6.834	5753.44	7.387	5754.31	8.403	5741.37	13.961	5730.64	16.708	5714.17	14.291	5713.47
		6.785	5752.67	7.369	5753.57	8.354	5740.64	13.801	5730.04	16.707	5713.17	14.29	5712.80
		6.761	5752.17	7.354	5753.07	8.309	5739.90	13.586	5729.23	16.706	5712.67	14.29	5712.17
		6.741	5751.33	7.327	5752.23	8.276	5739.13	13.456	5728.43	16.707	5712.17	14.29	5711.26
		6.734	5750.83	7.287	5751.29	8.252	5738.63	13.287	5727.90	16.706	5711.50	14.29	5710.80
		6.722	5750.06	7.261	5750.79	8.204	5737.96	13.139	5727.19	16.705	5710.66	14.29	5710.16
		6.712	5749.32	7.232	5750.29	8.159	5737.26	12.989	5726.46	16.705	5709.99	14.289	5709.49
		6.705	5748.82	7.197	5749.52	8.119	5736.59	12.847	5725.86			14.289	5708.89
		6.694	5747.92	7.166	5748.79	8.075	5735.95	12.762	5725.19			14.288	5708.02
		6.687	5747.42	7.143	5748.28	8.026	5735.32	12.635	5724.55			14.287	5707.38
		6.676	5746.68	7.111	5747.55	7.996	5734.65	12.532	5723.85			14.287	5706.78
		6.668	5746.15	7.085	5746.81	7.971	5734.05	12.412	5723.28			14.287	5706.18
		6.662	5745.41	7.073	5746.31	7.934	5733.34	12.204	5722.64			14.287	5705.38

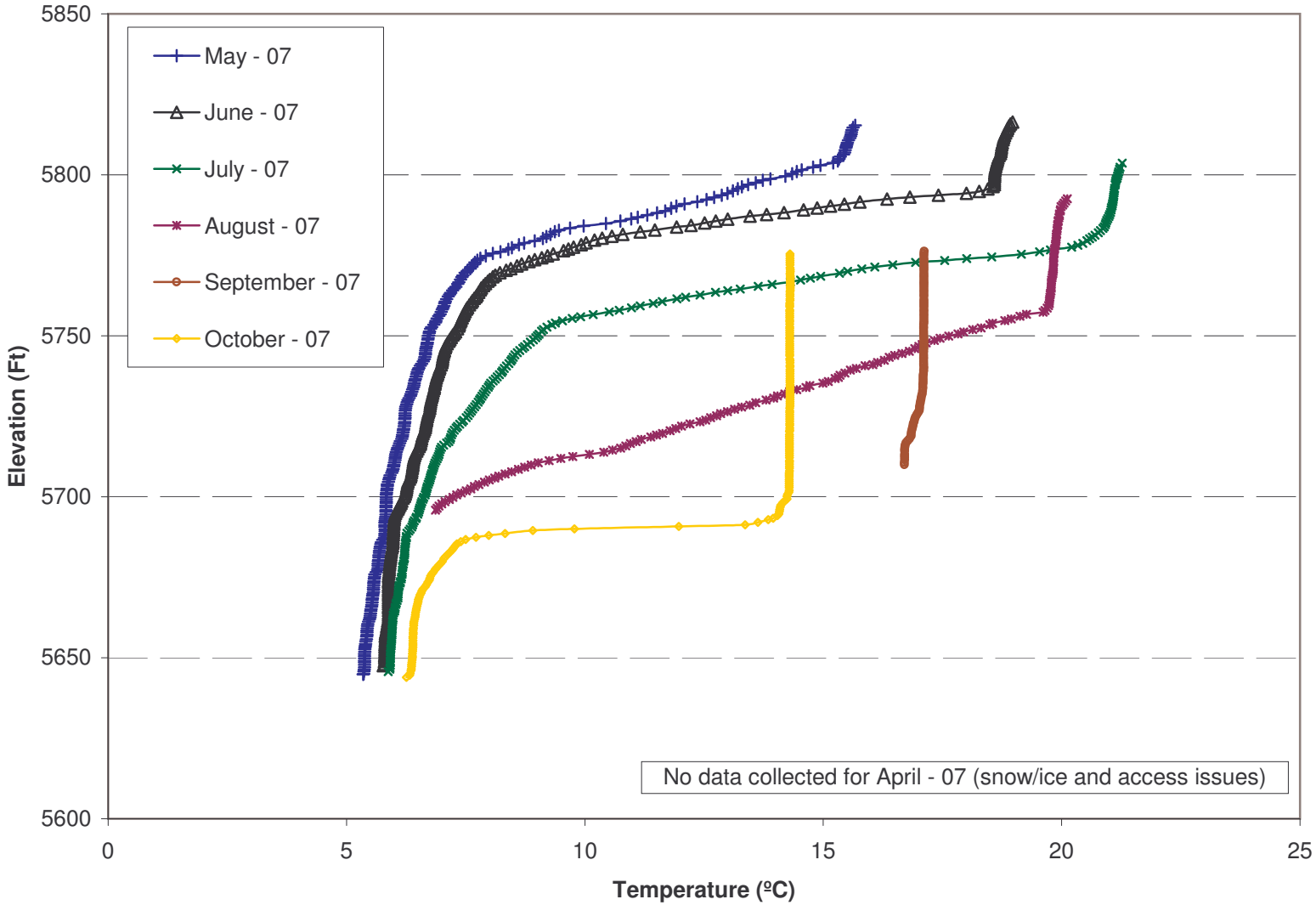
Lower Bear River Reservoir near dam (LB1)
Monthly Temperature Profiles
Table C2-1

APRIL (4/17/07)		MAY (5/29/07)		JUNE (6/26/07)		JULY (7/24/07)		AUGUST (8/21/07)		SEPTEMBER (9/25/07)		OCTOBER (10/11/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
		6.657	5744.67	7.054	5745.47	7.901	5732.64	12.026	5721.97			14.287	5704.77
		6.653	5744.17	7.045	5744.97	7.87	5731.94	11.908	5721.24			14.286	5704.17
		6.642	5743.44	7.033	5744.24	7.841	5731.24	11.786	5720.54			14.286	5703.44
		6.63	5742.70	7.022	5743.53	7.811	5730.53	11.627	5719.70			14.285	5702.83
		6.611	5742.03	7.013	5742.80	7.791	5730.06	11.503	5719.20			14.286	5702.00
		6.574	5741.33	7.008	5742.30	7.759	5729.36	11.38	5718.60			14.277	5701.43
		6.545	5740.73	7.001	5741.73	7.722	5728.66	11.185	5717.83			14.252	5700.79
		6.516	5739.99	6.988	5740.99	7.686	5727.99	11.072	5717.16			14.24	5700.16
		6.501	5739.45	6.959	5740.09	7.649	5727.29	10.955	5716.52			14.237	5699.32
		6.485	5738.75	6.945	5739.59	7.616	5726.62	10.858	5715.82			14.196	5698.72
		6.471	5738.05	6.928	5738.85	7.586	5725.98	10.747	5715.15			14.148	5698.12
		6.46	5737.35	6.91	5738.15	7.553	5725.28	10.58	5714.55			14.108	5697.38
		6.443	5736.54	6.898	5737.64	7.51	5724.58	10.395	5713.81			14.097	5696.81
		6.434	5736.04	6.885	5736.91	7.456	5723.74	10.094	5713.18			14.085	5696.04
		6.422	5735.34	6.874	5736.17	7.424	5723.24	9.746	5712.51			14.078	5695.47
		6.413	5734.67	6.862	5735.47	7.374	5722.57	9.497	5711.90			14.07	5694.70
		6.403	5734.00	6.855	5735.00	7.329	5721.83	9.251	5711.27			14.037	5694.17
		6.387	5733.33	6.844	5734.13	7.301	5721.37	9.024	5710.57			13.946	5693.37
		6.369	5732.63	6.836	5733.63	7.257	5720.66	8.872	5709.86			13.848	5692.86
		6.354	5731.96	6.821	5732.93	7.224	5719.96	8.734	5709.19			13.628	5692.09
		6.339	5731.32	6.808	5732.19	7.205	5719.29	8.605	5708.56			13.36	5691.32
		6.311	5730.66	6.796	5731.49	7.186	5718.42	8.465	5707.79			11.968	5690.76
		6.288	5730.09	6.787	5730.89	7.172	5717.85	8.327	5707.12			9.782	5690.05
		6.272	5729.42	6.776	5730.18	7.145	5717.15	8.195	5706.38			8.906	5689.48
		6.26	5728.75	6.765	5729.48	7.102	5716.72	8.107	5705.85			8.328	5688.62
		6.247	5728.08	6.759	5728.85	7.038	5716.05	7.996	5705.21			7.981	5688.05
		6.239	5727.44	6.754	5728.18	6.994	5715.34	7.89	5704.54			7.715	5687.44
		6.235	5726.77	6.745	5727.47	6.968	5714.67	7.777	5703.81			7.501	5686.71
		6.23	5725.94	6.73	5726.77	6.953	5713.97	7.682	5703.17			7.397	5686.11
		6.228	5725.27	6.719	5726.30	6.939	5713.17	7.605	5702.47			7.318	5685.37
		6.225	5724.57	6.705	5725.60	6.921	5712.50	7.512	5701.87			7.281	5684.80
		6.223	5724.13	6.694	5724.90	6.899	5711.83	7.406	5701.17			7.243	5684.07
		6.22	5723.23	6.684	5724.20	6.875	5711.16	7.313	5700.60			7.211	5683.46
		6.218	5722.76	6.677	5723.59	6.854	5710.49	7.229	5699.83			7.165	5682.66
		6.21	5721.92	6.668	5722.89	6.838	5709.82	7.154	5699.16			7.122	5682.12
		6.2	5721.12	6.662	5722.22	6.825	5709.15	7.066	5698.46			7.071	5681.36
		6.194	5720.69	6.653	5721.52	6.81	5708.52	6.996	5697.79			7.041	5680.79
		6.185	5720.02	6.639	5720.85	6.8	5707.98	6.941	5697.15			7.01	5679.92
		6.177	5719.28	6.622	5720.28	6.786	5707.21	6.902	5696.48			6.973	5679.31
		6.169	5718.65	6.601	5719.58	6.771	5706.58	6.868	5695.88			6.936	5678.71
		6.156	5717.98	6.588	5718.91	6.758	5705.91					6.89	5677.98
		6.131	5717.31	6.575	5718.07	6.745	5705.24					6.86	5677.44
		6.114	5716.67	6.566	5717.40	6.731	5704.57					6.822	5676.64
		6.094	5715.90	6.554	5716.74	6.714	5703.90					6.793	5676.07
		6.075	5715.23	6.545	5716.27	6.696	5703.13					6.766	5675.40
		6.062	5714.60	6.525	5715.60	6.681	5702.53					6.748	5674.63
		6.046	5713.96	6.497	5714.90	6.67	5701.90					6.733	5674.10
		6.035	5713.29	6.473	5714.23	6.66	5701.26					6.704	5673.49
		6.026	5712.69	6.443	5713.42	6.649	5700.62					6.677	5672.72
		6.021	5712.09	6.426	5712.75	6.623	5699.85					6.648	5672.02
		6.014	5711.42	6.414	5712.09	6.602	5699.25					6.601	5671.39
		6.005	5710.68	6.403	5711.38	6.581	5698.48					6.581	5670.75
		5.994	5709.91	6.396	5710.71	6.565	5697.88					6.565	5670.11
		5.987	5709.34	6.391	5710.08	6.552	5697.24					6.542	5669.48
		5.978	5708.64	6.387	5709.54	6.537	5696.54					6.523	5668.74
		5.965	5708.01	6.382	5708.87	6.524	5695.91					6.508	5668.04
		5.948	5707.40	6.371	5708.14	6.51	5695.27					6.5	5667.40
		5.913	5706.63	6.365	5707.54	6.494	5694.64					6.49	5666.70
		5.9	5706.03	6.355	5706.77	6.469	5693.67					6.478	5666.07
		5.893	5705.43	6.344	5706.16	6.454	5693.26					6.469	5665.40
		5.878	5704.66	6.319	5705.53	6.42	5692.53					6.46	5664.79
		5.859	5703.93	6.29	5704.76	6.399	5691.96					6.451	5664.09
		5.854	5703.36	6.277	5704.16	6.385	5691.29					6.443	5663.32
		5.849	5702.65	6.267	5703.42	6.372	5690.62					6.438	5662.69
		5.844	5702.05	6.26	5702.78	6.338	5689.99					6.427	5662.02
		5.84	5701.28	6.257	5702.12	6.307	5689.35					6.415	5661.28
		5.836	5700.68	6.244	5701.48	6.267	5688.71					6.411	5660.71
		5.833	5699.88	6.232	5700.84	6.258	5687.71					6.408	5660.01
		5.831	5699.27	6.217	5700.18	6.253	5687.21					6.403	5659.24
		5.832	5698.54	6.189	5699.54	6.247	5686.47					6.4	5658.64
		5.831	5698.07	6.159	5698.67	6.24	5685.80					6.398	5657.87
		5.828	5697.27	6.139	5698.00	6.235	5685.27					6.396	5657.33
		5.828	5696.67	6.118	5697.36	6.228	5684.50					6.395	5656.60
		5.827	5695.90	6.096	5696.80	6.223	5683.70					6.393	5656.06
		5.827	5695.33	6.078	5696.23	6.223	5683.09					6.393	5655.29
		5.826	5694.52	6.048	5695.52	6.221	5682.49					6.394	5654.56
		5.825	5693.79	6.025	5694.82	6.218	5681.89					6.392	5653.99
		5.819	5693.19	6.013	5694.19	6.213	5681.12					6.391	5653.29
		5.813	5692.58	6.004	5693.42	6.209	5680.62					6.389	5652.58
		5.804	5692.02	5.998	5692.85	6.2	5680.02					6.387	5652.02
		5.806	5691.25	5.994	5692.08	6.193	5679.18					6.384	5651.25
		5.808	5690.61	5.992	5691.48	6.183	5678.48					6.382	5650.54
		5.81	5689.84	5.989	5690.71	6.176	5678.01					6.379	5649.97
		5.81	5689.31	5.987	5690.04	6.173	5677.21					6.375	5649.31
		5.806	5688.54	5.985	5689.44	6.17	5676.54					6.369	5648.60
		5.804	5687.93	5.983	5688.83	6.163	5675.90					6.366	5647.90
		5.791	5687.26	5.981	5688.16	6.153	5675.06					6.362	5647.26
		5.76	5686.66	5.979	5687.40	6.148	5674.50					6.358	5646.53
		5.732	5685.89	5.976	5686.83	6.133	5673.63					6.351	5645.99
		5.718	5685.29	5.974	5686.06	6.124	5673.22					6.338	5645.16
		5.706	5684.55	5.971	5685.52	6.109	5672.49					6.325	5644.59
		5.7	5683.99	5.967	5684.75	6.095	5671.89					6.255	5643.89
		5.694	5683.22	5.954	5684.15	6.088	5671.22						
		5.689	5682.61	5.944	5683.38	6.084	5670.55						
		5.682	5681.88	5.938	5682.78	6.083	5669.88						
		5.679	5681.28	5.931	5682.01	6.081	5669.18						
		5.672	5680.37	5.924	5681.31	6.077	5668.54						
		5.67	5679.97	5.917	5680.70	6.064	5667.84						
		5.665	5679.20	5.911	5680.14	6.043	5667.07						
		5.664	5678.63	5.905	5679.37	6.033	5666.53						
		5.661	5677.86	5.9	5678.80	6.023	5665.73						
		5.652	5677.29	5.895	5678.03	6.016	5665.16						
		5.62	5676.63	5.894	5677.36	6.008	5664.56						
		5.596	5675.92	5.889	5676.66	5.989	5663.92						
		5.587	5675.15	5.886	5676.09	5.978	5663.15						
		5.582	5674.58	5.882	5675.32	5.974	5662.32						

Lower Bear River Reservoir near dam (LB1)
Monthly Temperature Profiles
Table C2-1

APRIL (4/17/07)		MAY (5/29/07)		JUNE (6/26/07)		JULY (7/24/07)		AUGUST (8/21/07)		SEPTEMBER (9/25/07)		OCTOBER (10/11/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
		5.577	5673.82	5.883	5674.75	5.969	5661.75						
		5.573	5673.25	5.879	5674.01	5.967	5661.18						
		5.57	5672.51	5.879	5673.44	5.964	5660.38						
		5.566	5671.81	5.879	5672.61	5.962	5659.81						
		5.564	5671.21	5.88	5672.04	5.957	5659.04						
		5.563	5670.47	5.878	5671.30	5.954	5658.44						
		5.555	5669.87	5.879	5670.73	5.952	5657.70						
		5.55	5669.27	5.879	5670.00	5.951	5657.13						
		5.542	5668.53	5.879	5669.43	5.948	5656.33						
		5.539	5667.96	5.879	5668.66	5.945	5655.76						
		5.535	5667.22	5.88	5667.96	5.942	5655.16						
		5.531	5666.49	5.879	5667.39	5.94	5654.39						
		5.528	5665.85	5.878	5666.75	5.937	5653.72						
		5.517	5665.08	5.879	5665.98	5.931	5652.98						
		5.508	5664.51	5.879	5665.45	5.927	5652.45						
		5.502	5663.78	5.879	5664.68	5.923	5651.68						
		5.498	5663.08	5.877	5663.84	5.922	5651.08						
		5.49	5662.47	5.879	5663.27	5.921	5650.31						
		5.478	5661.91	5.879	5662.71	5.92	5649.74						
		5.462	5661.20	5.874	5661.97	5.919	5648.87						
		5.447	5660.43	5.864	5661.43	5.919	5648.47						
		5.44	5659.86	5.855	5660.66	5.918	5647.73						
		5.435	5659.13	5.847	5659.83	5.916	5647.00						
		5.431	5658.43	5.847	5659.43	5.908	5646.43						
		5.429	5657.86	5.833	5658.69	5.873	5645.72						
		5.426	5657.12	5.821	5657.95								
		5.422	5656.55	5.816	5657.42								
		5.417	5655.78	5.812	5656.65								
		5.408	5655.15	5.814	5656.01								
		5.398	5654.31	5.813	5655.35								
		5.394	5653.74	5.81	5654.61								
		5.391	5653.21	5.808	5654.07								
		5.385	5652.60	5.807	5653.37								
		5.382	5651.84	5.805	5652.64								
		5.38	5651.17	5.804	5651.93								
		5.379	5650.53	5.804	5651.30								
		5.379	5649.83	5.801	5650.66								
		5.378	5649.09	5.802	5650.06								
		5.377	5648.52	5.803	5649.52								
		5.375	5647.79	5.796	5648.82								
		5.375	5647.05	5.793	5647.95								
		5.372	5646.35	5.769	5647.52								
		5.367	5645.78										
		5.36	5645.01										
		5.35	5644.81										

Figure C2-1
Lower Bear River Reservoir (LB1) Temperature Profiles



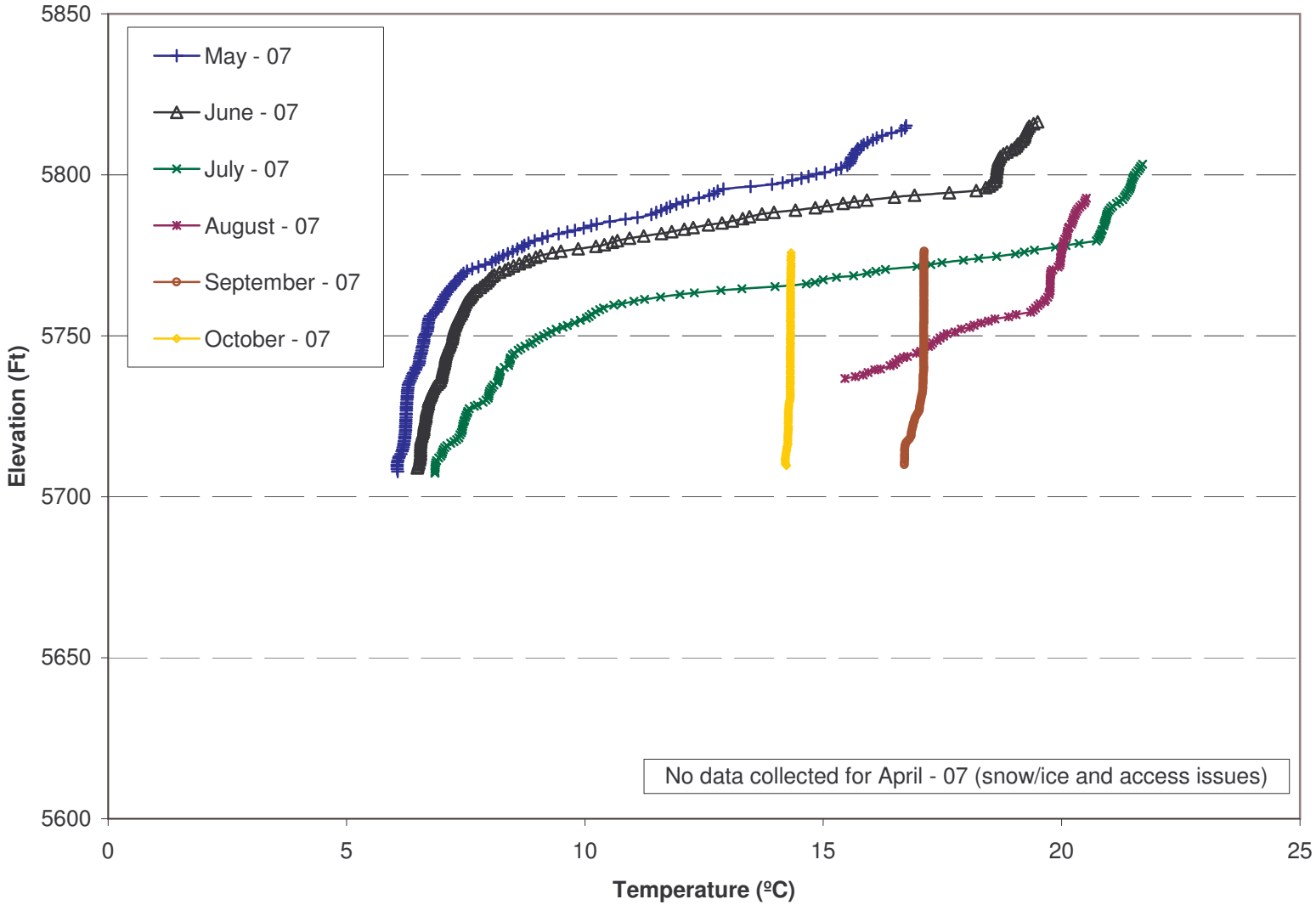
Lower Bear River Reservoir mid lake (LB2)
Monthly Temperature Profiles
Table C2-2

APRIL (4/17/07)		MAY (5/29/07)		JUNE (6/26/07)		JULY (7/24/07)		AUGUST (8/21/07)		SEPTEMBER (9/25/07)		OCTOBER (10/11/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
NO DATA		16.738	5815.30	19.498	5816.43	21.701	5803.30	20.517	5792.70	17.117	5776.27	14.322	5775.73
Weather/ Access		16.714	5814.53	19.414	5815.90	21.661	5802.63	20.497	5792.00	17.116	5775.56	14.322	5774.83
Issues		16.641	5813.76	19.321	5815.09	21.633	5801.93	20.48	5791.33	17.116	5774.89	14.322	5774.13
		16.43	5812.99	19.285	5814.46	21.603	5801.26	20.428	5790.62	17.115	5774.02	14.321	5773.36
		16.238	5812.19	19.261	5813.76	21.563	5800.55	20.379	5790.02	17.116	5773.42	14.322	5772.39
		16.122	5811.52	19.243	5813.05	21.527	5799.85	20.339	5789.39	17.116	5772.79	14.322	5771.65
		16.039	5810.81	19.229	5812.32	21.502	5799.25	20.311	5788.68	17.116	5772.12	14.32	5770.95
		15.927	5810.01	19.216	5811.71	21.485	5798.58	20.291	5788.02	17.115	5771.48	14.321	5770.21
		15.847	5809.41	19.187	5811.05	21.471	5797.74	20.27	5787.38	17.116	5770.88	14.32	5769.51
		15.794	5808.84	19.141	5810.38	21.46	5797.08	20.248	5786.68	17.114	5770.28	14.32	5768.81
		15.722	5808.14	19.08	5809.64	21.446	5796.41	20.237	5786.01	17.114	5769.41	14.319	5768.20
		15.705	5807.60	19.05	5808.97	21.428	5795.77	20.222	5785.31	17.115	5768.77	14.316	5767.50
		15.67	5806.80	19.01	5808.37	21.405	5795.10	20.204	5784.60	17.115	5768.17	14.316	5766.83
		15.64	5806.23	18.949	5807.77	21.373	5794.43	20.158	5783.77	17.114	5767.37	14.316	5766.13
		15.599	5805.43	18.853	5807.10	21.343	5793.76	20.141	5783.36	17.115	5766.76	14.316	5765.50
		15.584	5804.93	18.776	5806.50	21.318	5793.13	20.125	5782.53	17.115	5766.23	14.316	5764.59
		15.575	5804.26	18.717	5805.69	21.282	5792.29	20.117	5781.96	17.115	5765.59	14.316	5763.79
		15.549	5803.59	18.689	5805.02	21.216	5791.72	20.111	5781.39	17.114	5764.92	14.316	5763.19
		15.507	5802.92	18.673	5804.46	21.148	5791.15	20.104	5780.76	17.114	5764.19	14.315	5762.55
		15.374	5802.18	18.659	5803.59	21.072	5790.32	20.065	5780.05	17.113	5763.62	14.314	5761.92
		15.269	5801.61	18.652	5802.95	21.029	5789.68	20.047	5779.18	17.113	5762.85	14.315	5761.25
		15.033	5800.74	18.645	5802.28	20.994	5789.05	20.036	5778.55	17.113	5762.28	14.314	5760.61
		14.858	5800.28	18.642	5801.88	20.969	5788.41	20.026	5777.91	17.112	5761.24	14.314	5759.94
		14.688	5799.47	18.637	5801.04	20.953	5787.77	20.012	5777.31	17.113	5760.64	14.314	5759.34
		14.541	5798.94	18.633	5800.54	20.941	5787.17	20.004	5776.67	17.112	5760.04	14.313	5758.70
		14.346	5798.27	18.631	5799.74	20.932	5786.57	19.997	5775.84	17.112	5759.44	14.313	5758.10
		14.15	5797.53	18.628	5799.17	20.92	5785.97	19.988	5775.34	17.112	5758.90	14.313	5757.33
		13.927	5797.03	18.612	5798.27	20.908	5785.40	19.98	5774.53	17.112	5758.03	14.313	5756.73
		13.477	5796.40	18.589	5797.86	20.896	5784.80	19.977	5774.06	17.113	5757.50	14.312	5756.19
		12.905	5795.63	18.539	5797.09	20.882	5784.13	19.976	5773.29	17.111	5756.76	14.311	5755.63
		12.783	5794.96	18.482	5796.56	20.853	5783.06	19.973	5772.76	17.111	5756.16	14.31	5754.79
		12.704	5794.19	18.41	5795.99	20.836	5782.52	19.961	5771.92	17.112	5755.39	14.311	5754.19
		12.611	5793.59	18.206	5795.12	20.819	5781.75	19.924	5771.39	17.112	5754.62	14.311	5753.45
		12.392	5792.82	17.646	5794.45	20.805	5781.22	19.819	5770.55	17.111	5754.08	14.311	5752.85
		12.164	5792.08	16.913	5793.65	20.784	5780.65	19.781	5770.02	17.11	5753.52	14.312	5752.25
		12.051	5791.54	16.492	5793.11	20.763	5780.05	19.769	5769.38	17.109	5752.75	14.312	5751.38
		11.916	5790.84	15.917	5792.14	20.73	5779.48	19.764	5768.85	17.109	5752.24	14.312	5750.57
		11.79	5790.11	15.649	5791.61	20.362	5778.67	19.762	5768.08	17.109	5751.48	14.311	5750.01
		11.713	5789.60	15.416	5791.11	20.092	5778.07	19.762	5767.37	17.109	5750.74	14.311	5749.44
		11.601	5788.97	15.08	5790.34	19.865	5777.57	19.762	5766.87	17.11	5750.17	14.31	5748.90
		11.499	5788.37	14.833	5789.77	19.427	5776.57	19.762	5766.10	17.112	5749.47	14.31	5748.10
		11.394	5787.66	14.414	5789.00	19.219	5776.03	19.762	5765.43	17.111	5748.83	14.311	5747.56
		11.102	5786.73	13.966	5788.33	19.028	5775.46	19.76	5764.83	17.112	5748.03	14.309	5746.76
		10.854	5786.22	13.713	5787.83	18.635	5774.63	19.758	5763.99	17.112	5747.56	14.309	5746.22
		10.52	5785.49	13.455	5787.02	18.257	5774.06	19.743	5763.43	17.112	5746.82	14.309	5745.42
		10.245	5784.72	13.309	5786.39	17.939	5773.46	19.736	5762.82	17.112	5746.09	14.308	5744.65
		10.135	5784.22	13.092	5785.62	17.489	5772.69	19.708	5761.99	17.11	5745.39	14.307	5744.15
		9.972	5783.45	12.874	5785.08	17.257	5772.15	19.66	5761.22	17.109	5744.85	14.307	5743.58
		9.789	5782.81	12.589	5784.45	16.963	5771.52	19.642	5760.62	17.108	5743.98	14.307	5742.98
		9.631	5782.28	12.273	5783.65	16.304	5770.58	19.549	5759.98	17.109	5743.35	14.308	5742.28
		9.447	5781.64	12.086	5783.08	16.103	5770.01	19.5	5759.34	17.107	5742.84	14.307	5741.54
		9.218	5780.91	11.823	5782.31	15.918	5769.44	19.453	5758.64	17.108	5742.07	14.307	5740.77
		9.107	5780.24	11.604	5781.77	15.636	5768.71	19.403	5757.94	17.11	5741.37	14.307	5740.20
		8.945	5779.53	11.236	5781.00	15.277	5768.14	19.35	5757.37	17.11	5740.87	14.308	5739.40
		8.818	5778.80	10.935	5780.33	14.995	5767.37	19.049	5756.60	17.111	5740.10	14.309	5738.70
		8.73	5778.13	10.68	5779.56	14.824	5766.63	18.887	5755.93	17.108	5739.36	14.31	5738.16
		8.679	5777.63	10.576	5779.06	14.644	5766.10	18.601	5755.23	17.108	5738.90	14.31	5737.36
		8.583	5776.92	10.406	5778.29	13.99	5765.33	18.467	5754.59	17.103	5738.13	14.308	5736.82
		8.487	5776.15	10.233	5777.79	13.294	5764.62	18.313	5753.99	17.099	5737.49	14.308	5736.26
		8.383	5775.52	9.859	5777.02	12.852	5764.12	18.16	5753.32	17.097	5736.75	14.307	5735.49
		8.288	5774.88	9.497	5776.25	12.292	5763.39	18.071	5752.59	17.098	5736.05	14.305	5734.95
		8.197	5774.28	9.318	5775.75	11.99	5762.85	17.895	5752.08	17.096	5735.35	14.304	5734.18
		8.125	5773.61	9.069	5774.91	11.586	5762.08	17.765	5751.21	17.093	5734.85	14.305	5733.41
		8.052	5772.91	8.969	5774.45	11.251	5761.34	17.6	5750.68	17.092	5734.15	14.305	5732.74
		7.907	5772.14	8.825	5773.61	11.026	5760.74	17.524	5749.91	17.092	5733.58	14.305	5732.11
		7.766	5771.44	8.747	5773.07	10.776	5760.01	17.448	5749.31	17.085	5732.84	14.305	5731.40
		7.637	5770.80	8.625	5772.37	10.609	5759.50	17.392	5748.54	17.08	5731.97	14.306	5730.80
		7.527	5770.13	8.5	5771.67	10.39	5758.60	17.295	5747.77	17.068	5731.47	14.303	5730.10
		7.454	5769.46	8.394	5770.97	10.313	5758.13	17.256	5747.13	17.055	5730.73	14.293	5729.60
		7.406	5768.73	8.323	5770.43	10.223	5757.43	17.204	5746.66	17.048	5730.16	14.282	5728.76
		7.384	5768.29	8.214	5769.76	10.141	5756.69	17.109	5745.79	17.04	5729.43	14.278	5728.09
		7.36	5767.59	8.1	5768.89	10.086	5755.96	17.047	5745.19	17.035	5728.93	14.274	5727.42
		7.307	5766.92	8.052	5768.46	10.028	5755.49	16.951	5744.62	17.024	5728.02	14.269	5726.72
		7.266	5766.25	8	5767.75	9.906	5754.79	16.767	5743.59	17.023	5727.42	14.268	5726.22
		7.218	5765.42	7.969	5767.05	9.788	5754.05	16.68	5743.22	17.019	5726.79	14.269	5725.52
		7.188	5764.75	7.919	5766.38	9.634	5753.22	16.577	5742.62	16.995	5726.15	14.266	5724.85
		7.16	5764.24	7.859	5765.71	9.539	5752.71	16.523	5741.75	16.964	5725.48	14.266	5724.21
		7.115	5763.58	7.805	5765.01	9.399	5752.01	16.476	5741.11	16.938	5724.74	14.265	5723.51
		7.081	5762.87	7.735	5764.21	9.293	5751.31	16.403	5740.68	16.918	5724.08	14.264	5722.81
		7.051	5762.20	7.692	5763.74	9.207	5750.64	16.199	5739.71	16.908	5723.34	14.266	5721.94
		7.026	5761.43	7.642	5763.00	9.129	5750.04	16.082	5739.40	16.891	5722.70	14.267	5721.37
		6.999	5760.63	7.611	5762.37	9.036	5749.37	15.941	5738.60	16.886	5722.10	14.266	5720.90
		6.98	5760.20	7.587	5761.80	8.973	5748.73	15.834	5737.80	16.873	5721.47	14.264	5720.20
		6.955	5759.53	7.553	5761.26	8.901	5747.93	15.668	5737.36	16.865	5720.80	14.262	5719.49
		6.927	5758.86	7.512	5760.46	8.846	5747.46	15.456	5736.73	16.851	5720.13	14.259	5718.83
		6.906	5758.19	7.483	5759.69	8.743	5746.76			16.845	5719.46	14.259	5718.12
		6.878	5757.49	7.463	5759.09	8.657	5746.12			16.847	5718.82	14.258	5717.45
		6.812	5756.85	7.445	5758.29	8.6	5745.49			16.812	5718.02	14.258	5716.65
		6.76	5756.18	7.429	5757.68	8.517	5744.58			16.769	5717.35	14.255	5716.18
		6.732	5755.38	7.405	5756.88	8.482	5744.12			16.738	5716.68	14.239	5715.51
		6.722	5754.71	7.376	5756.25	8.441	5743.18			16.722	5716.08	14.232	5714.88
		6.715	5754.04	7.35	5755.58	8.434	5742.81			16.715	5715.44	14.226	5714.21
		6.707	5753.41	7.326	5754.94	8.426	5742.34			16.711	5714.74	14.219	5713.54
		6.704	5752.70	7.308	5754.31	8.413	5741.54			16.708	5714.17	14.208	5712.74
		6.699	5752.10	7.292	5753.64	8.398	5740.80			16.707	5713.17	14.203	5711.97
		6.692	5751.43	7.279	5753.00	8.311	5740.23			16.706	5712.67	14.202	5711.50
		6.669	5750.70	7.261	5752.30	8.231	5739.23			16.707	5712.17	14.203	5710.80
		6.649	5750.26	7.252	5751.76	8.224	5738.76			16.706	5711.50	14.205	5710.19
		6.629	5749.56	7.239	5750.96	8.213	5738.03			16.705	5710.66	14.229	5709.73
		6.623	5748.79	7.233	5750.39	8.199	5737.46			16.705	5709.99		
		6.619	5748.19	7.223	5749.62	8.189	5736.72						
		6.613	5747.52	7.212	5749.05	8.178	5736.05						
		6.599	5746.78	7.189	5748.18	8.163	5735.45						
		6.589	5746.25	7.169	5747.41	8.092	5734.71						
		6.583	5745.48	7.158	5746.98	8.055	5734.05						
		6.571	5744.64	7.141	5746.34	8.031	5733.48						
		6.559	5744.24	7.118	5745.51	8.003	5732.81						
		6.541	5743.57	7.1	5744.87	7.99	5732.00						
		6.537	5742.87	7.087	5744.24	7.985	5731.34						

Lower Bear River Reservoir mid lake (LB2)
Monthly Temperature Profiles
Table C2-2

APRIL (4/17/07)		MAY (5/29/07)		JUNE (6/26/07)		JULY (7/24/07)		AUGUST (8/21/07)		SEPTEMBER (9/25/07)		OCTOBER (10/11/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
		6.53	5742.06	7.078	5743.60	7.974	5730.63						
		6.522	5741.43	7.071	5742.96	7.926	5730.10						
		6.505	5740.79	7.064	5742.26	7.863	5729.40						
		6.463	5740.16	7.055	5741.56	7.743	5728.46						
		6.448	5739.42	7.041	5740.92	7.679	5728.12						
		6.418	5738.62	7.029	5740.29	7.572	5727.39						
		6.399	5738.28	7.019	5739.65	7.545	5726.52						
		6.378	5737.51	7.007	5738.82	7.533	5726.05						
		6.36	5736.71	7.003	5738.18	7.508	5725.35						
		6.333	5735.98	6.996	5737.64	7.491	5724.64						
		6.315	5735.37	6.986	5737.01	7.474	5723.84						
		6.297	5734.84	6.966	5736.17	7.464	5723.37						
		6.291	5733.97	6.938	5735.54	7.449	5722.67						
		6.285	5733.27	6.899	5734.94	7.436	5721.90						
		6.28	5732.73	6.856	5734.27	7.432	5721.13						
		6.277	5732.06	6.826	5733.63	7.425	5720.63						
		6.274	5731.36	6.803	5732.86	7.407	5719.89						
		6.272	5730.86	6.788	5732.26	7.378	5719.26						
		6.265	5730.19	6.776	5731.62	7.358	5718.36						
		6.263	5729.32	6.749	5730.89	7.312	5717.72						
		6.261	5728.72	6.731	5730.25	7.254	5717.18						
		6.257	5727.98	6.72	5729.65	7.188	5716.65						
		6.258	5727.41	6.715	5728.85	7.108	5715.91						
		6.257	5726.81	6.702	5728.11	7.06	5715.28						
		6.252	5725.87	6.687	5727.47	7.031	5714.61						
		6.251	5725.47	6.677	5726.87	7.016	5713.94						
		6.249	5724.63	6.671	5726.27	7.004	5713.30						
		6.247	5723.96	6.668	5725.50	6.98	5712.67						
		6.243	5723.36	6.666	5724.90	6.934	5712.07						
		6.242	5722.69	6.653	5724.30	6.887	5711.23						
		6.24	5722.06	6.641	5723.56	6.869	5710.53						
		6.24	5721.42	6.633	5722.82	6.862	5709.82						
		6.238	5720.72	6.627	5722.22	6.859	5709.09						
		6.232	5720.08	6.622	5721.49	6.857	5708.59						
		6.227	5719.38	6.621	5720.88	6.855	5707.82						
		6.222	5718.68	6.612	5720.21	6.855	5707.31						
		6.22	5718.11	6.595	5719.61								
		6.211	5717.34	6.578	5718.88								
		6.207	5716.64	6.565	5718.14								
		6.199	5716.07	6.56	5717.57								
		6.185	5715.37	6.557	5716.94								
		6.176	5714.66	6.554	5716.20								
		6.166	5714.10	6.554	5715.46								
		6.14	5713.29	6.553	5714.73								
		6.106	5712.59	6.55	5714.19								
		6.095	5712.05	6.55	5713.46								
		6.079	5711.32	6.545	5712.89								
		6.07	5710.75	6.539	5712.15								
		6.064	5709.98	6.536	5711.55								
		6.062	5709.41	6.519	5710.68								
		6.061	5708.64	6.508	5710.11								
		6.075	5707.84	6.496	5709.48								
				6.485	5708.94								

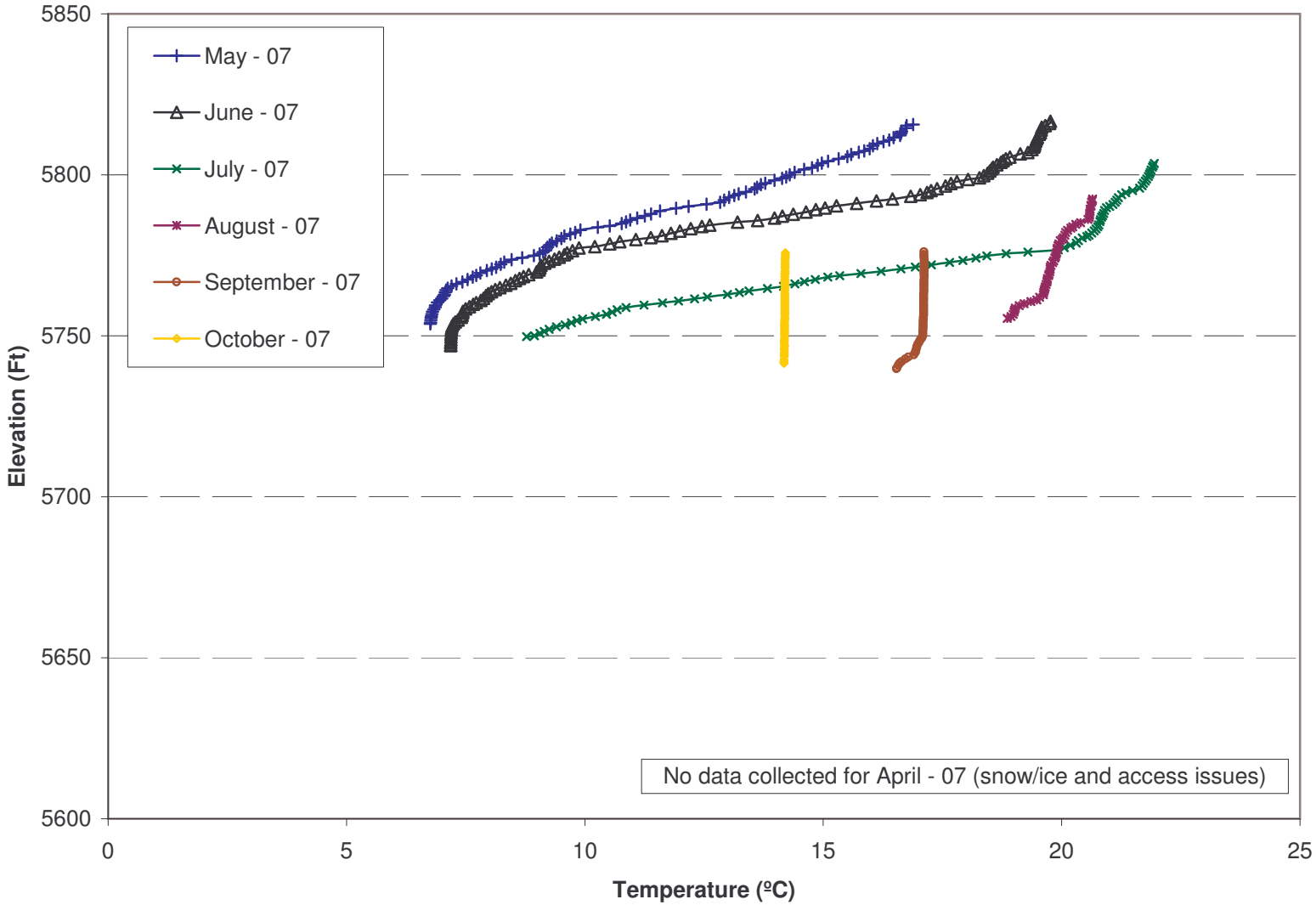
Figure C2-2
Lower Bear River Reservoir (LB2) Temperature Profiles



Lower Bear River Reservoir lake inlet (LB3)
Monthly Temperature Profiles
Table C2-3

APRIL (4/17/07)		MAY (5/29/07)		JUNE (6/26/07)		JULY (7/24/07)		AUGUST (8/21/07)		SEPTEMBER (9/25/07)		OCTOBER (10/11/07)	
Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)	Temp (°C)	Elevation (ft)
NO DATA		16.888	5815.67	19.763	5816.63	21.941	5803.53	20.651	5792.46	17.115	5776.13	14.206	5775.77
Weather/ Access		16.751	5815.26	19.75	5815.96	21.921	5802.90	20.646	5792.00	17.113	5775.23	14.203	5775.10
Issues		16.731	5814.53	19.654	5815.29	21.906	5802.39	20.625	5791.46	17.115	5774.56	14.203	5774.39
		16.638	5813.46	19.58	5814.76	21.873	5801.56	20.615	5790.56	17.117	5773.79	14.202	5773.89
		16.627	5812.82	19.57	5813.92	21.857	5800.76	20.612	5790.29	17.117	5773.05	14.202	5773.16
		16.61	5812.25	19.555	5813.09	21.842	5800.19	20.6	5789.35	17.118	5772.28	14.2	5772.32
		16.477	5811.55	19.532	5812.62	21.819	5799.48	20.595	5788.72	17.118	5771.55	14.201	5771.65
		16.383	5810.85	19.492	5811.68	21.785	5798.75	20.589	5788.02	17.117	5770.85	14.198	5771.05
		16.261	5810.31	19.475	5811.15	21.758	5798.08	20.584	5787.45	17.117	5770.21	14.197	5770.11
		16.131	5809.74	19.456	5810.44	21.718	5797.34	20.58	5786.71	17.116	5769.51	14.197	5769.51
		16.042	5809.04	19.439	5809.74	21.685	5796.64	20.553	5786.11	17.117	5768.84	14.196	5769.01
		15.973	5808.07	19.427	5809.04	21.633	5795.84	20.398	5785.17	17.118	5768.14	14.196	5768.27
		15.86	5807.44	19.413	5808.60	21.489	5795.13	20.293	5784.60	17.115	5767.27	14.196	5767.44
		15.747	5807.00	19.375	5807.83	21.344	5794.40	20.23	5783.87	17.115	5766.56	14.195	5766.80
		15.584	5806.30	19.293	5806.96	21.257	5793.83	20.19	5783.43	17.116	5765.89	14.195	5766.16
		15.505	5805.66	19.134	5806.46	21.19	5792.89	20.126	5782.73	17.115	5765.23	14.197	5765.53
		15.321	5804.96	18.917	5805.53	21.157	5792.12	20.085	5782.13	17.114	5764.39	14.195	5764.73
		15.1	5804.26	18.831	5804.96	21.122	5791.45	20.07	5781.22	17.111	5763.72	14.195	5764.06
		14.972	5803.66	18.773	5804.39	21.077	5790.82	20.041	5780.49	17.11	5763.02	14.195	5763.15
		14.881	5802.92	18.726	5803.89	21.009	5790.18	20.011	5779.95	17.108	5762.31	14.196	5762.52
		14.765	5802.18	18.641	5803.08	20.94	5789.82	19.972	5779.55	17.107	5761.65	14.195	5761.81
		14.599	5801.71	18.564	5802.38	20.901	5788.91	19.941	5778.58	17.107	5761.14	14.194	5761.18
		14.398	5800.78	18.531	5801.88	20.881	5787.98	19.922	5777.98	17.107	5760.44	14.191	5760.51
		14.299	5800.04	18.494	5801.21	20.859	5787.37	19.908	5777.18	17.108	5759.60	14.191	5759.84
		14.22	5799.31	18.445	5800.47	20.839	5786.80	19.901	5776.77	17.109	5759.04	14.191	5759.21
		14.136	5798.94	18.369	5799.74	20.817	5786.03	19.896	5775.90	17.11	5758.37	14.192	5758.54
		13.978	5798.27	18.279	5799.10	20.805	5785.47	19.884	5775.34	17.109	5757.73	14.195	5757.87
		13.782	5797.37	18.04	5798.60	20.782	5784.46	19.876	5774.70	17.107	5757.10	14.195	5757.20
		13.69	5796.93	17.803	5797.90	20.756	5783.86	19.854	5774.16	17.105	5756.46	14.195	5756.56
		13.61	5796.13	17.677	5797.26	20.722	5783.22	19.832	5773.33	17.103	5755.76	14.193	5755.76
		13.561	5795.63	17.563	5796.56	20.681	5782.59	19.808	5772.76	17.101	5755.12	14.191	5755.12
		13.38	5794.69	17.388	5795.72	20.633	5781.92	19.774	5771.89	17.098	5754.49	14.189	5754.56
		13.222	5794.09	17.26	5795.09	20.575	5781.28	19.762	5771.32	17.097	5753.68	14.189	5753.79
		13.133	5793.59	17.175	5794.55	20.531	5780.82	19.757	5770.69	17.098	5753.08	14.189	5753.18
		13.023	5792.98	17.034	5793.82	20.433	5780.41	19.754	5769.95	17.096	5752.24	14.189	5752.58
		12.922	5792.11	16.835	5793.31	20.355	5779.58	19.734	5769.15	17.092	5751.61	14.189	5751.98
		12.835	5791.51	16.45	5792.51	20.305	5778.84	19.727	5768.68	17.093	5750.97	14.189	5751.38
		12.549	5790.91	16.115	5791.91	20.179	5778.14	19.703	5767.84	17.088	5750.37	14.187	5750.81
		12.176	5790.21	15.701	5791.17	20.056	5777.37	19.697	5767.21	17.084	5749.80	14.187	5750.27
		11.915	5789.57	15.279	5790.37	19.93	5776.70	19.689	5766.70	17.066	5749.23	14.188	5749.44
		11.576	5788.73	15.04	5789.73	19.293	5776.03	19.672	5765.93	17.033	5748.66	14.185	5748.73
		11.388	5787.86	14.841	5789.17	18.833	5775.53	19.657	5765.23	17.014	5748.06	14.184	5748.20
		11.258	5787.23	14.639	5788.43	18.432	5774.86	19.645	5764.63	16.99	5747.49	14.185	5747.43
		11.095	5786.59	14.371	5787.73	18.202	5774.12	19.632	5763.99	16.965	5746.66	14.186	5746.86
		10.951	5785.99	14.144	5787.16	17.928	5773.36	19.621	5763.39	16.958	5746.09	14.185	5746.09
		10.865	5785.39	13.979	5786.56	17.649	5772.82	19.615	5762.76	16.944	5745.39	14.183	5745.52
		10.773	5784.85	13.622	5785.79	17.267	5772.05	19.535	5761.95	16.938	5744.82	14.181	5744.75
		10.524	5784.15	13.203	5785.29	16.93	5771.35	19.482	5761.18	16.903	5744.05	14.181	5744.18
		10.268	5783.68	12.617	5784.38	16.627	5770.75	19.354	5760.68	16.79	5743.38	14.181	5743.55
		9.906	5782.85	12.455	5783.91	16.211	5770.04	19.212	5759.95	16.725	5742.81	14.177	5742.54
		9.796	5782.08	12.221	5783.24	15.791	5769.34	19.11	5759.41	16.646	5742.01	14.178	5742.01
		9.695	5781.61	11.991	5782.47	15.343	5768.67	19.03	5758.61	16.605	5741.44	14.176	5741.44
		9.567	5781.01	11.802	5781.81	15.096	5768.20	19.014	5758.01	16.575	5740.84		
		9.505	5780.27	11.616	5781.10	14.832	5767.50	19.002	5757.40	16.549	5740.03		
		9.411	5779.47	11.383	5780.50	14.607	5766.80	18.981	5756.70	16.539	5739.77		
		9.307	5778.80	11.066	5779.93	14.406	5766.10	18.938	5756.03				
		9.262	5778.23	10.733	5779.20	14.165	5765.36	18.861	5755.40				
		9.215	5777.53	10.52	5778.53	13.831	5764.69						
		9.174	5776.56	10.207	5777.72	13.439	5763.92						
		9.125	5775.99	9.875	5777.29	13.24	5763.45						
		9.048	5775.42	9.742	5776.42	12.988	5762.85						
		8.933	5774.92	9.626	5775.75	12.569	5762.08						
		8.687	5774.28	9.567	5775.15	12.303	5761.48						
		8.46	5773.65	9.459	5774.41	11.962	5760.81						
		8.307	5772.91	9.362	5773.78	11.628	5760.21						
		8.235	5772.17	9.248	5773.17	11.24	5759.54						
		8.138	5771.30	9.159	5772.54	10.863	5758.80						
		8.045	5770.77	9.079	5771.90	10.678	5758.13						
		7.942	5770.27	9.053	5771.10	10.574	5757.36						
		7.809	5769.53	9.036	5770.40	10.45	5756.66						
		7.719	5768.76	8.987	5769.86	10.221	5755.99						
		7.648	5768.23	8.824	5769.03	9.949	5755.22						
		7.538	5767.46	8.714	5768.39	9.834	5754.72						
		7.431	5766.75	8.628	5767.82	9.717	5754.05						
		7.306	5766.12	8.54	5767.15	9.584	5753.38						
		7.203	5765.48	8.447	5766.32	9.403	5752.75						
		7.122	5764.78	8.343	5765.71	9.249	5752.04						
		7.086	5764.18	8.217	5764.94	9.146	5751.38						
		7.07	5763.54	8.122	5764.34	9.058	5750.77						
		7.054	5762.77	8.038	5763.71	8.94	5750.00						
		7.035	5762.30	7.973	5763.10	8.778	5749.74						
		6.998	5761.60	7.925	5762.47								
		6.958	5761.10	7.873	5761.67								
		6.903	5760.36	7.817	5761.00								
		6.868	5759.49	7.724	5760.29								
		6.859	5758.89	7.659	5759.83								
		6.831	5758.22	7.576	5759.02								
		6.805	5757.49	7.5	5758.35								
		6.79	5756.75	7.443	5757.62								
		6.778	5756.05	7.435	5757.08								
		6.773	5755.55	7.424	5756.31								
		6.767	5754.88	7.406	5755.74								
		6.763	5754.11	7.337	5754.91								
		6.76	5753.74	7.28	5754.34								
				7.243	5753.74								
				7.214	5753.03								
				7.202	5752.37								
				7.197	5751.76								
				7.194	5750.99								
				7.191	5750.42								
				7.189	5749.66								
				7.189	5748.82								
				7.188	5748.25								
				7.187	5747.75								
				7.186	5747.01								
				7.184	5746.98								

Figure C2-3
Lower Bear River Reservoir (LB3) Temperature Profiles



Appendix D

Mokelumne River Project (FERC Project No. 137)

2007 Water Temperature Monitoring Program

Reservoir Water Quality Data

Appendix D1-1
Mokelumne River Project
FERC No. 137

Salt Springs Reservoir
Station SS1 - Near Dam

2007 *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)	Secchi Disk (ft)
4/17/2007	0.7	8.8	10.07	98.1	26	6.28	4	
	21.4	7.84	10.06	94.6	26	6.28	3.8	
	42.7	6.96	9.76	91.4	27	5.43	4.9	
5/30/2007	0.5	16.65	**	102.8	21	6.68	10.9	16
	40	8.24	**	96.3	22	3.86	11.3	
	79	7.62	**	92.1	23	3.54	27	
6/27/2007	0.5	20.68	7.88	100.7	22.3	**	< 1.0	31
	36	9.26	9.34	93.2	19.5	**	< 1.0	
	73	7.96	8.96	87	21	**	< 1.0	
7/25/2007	0.5	23.3	7.65	102.1	25.9	**	< 1.0	
	30	10.13	8.76	95.5	19.9	**	< 1.0	
	60	8.37	8.07	84.7	21.4	**	< 1.0	
8/22/2007	1	22.61	7.89	92.8	**	9.12	< 1.0	
	33	11	8.7	80.2	**	7.18	< 1.0	
	66.6	8.47	7.5	65.1	**	6.26	12.9	
9/24/2007	0.5	19.12	7.73	92.3	28	**	33.9	29
	26.5	13.6	7.36	78.1	22	**	0	
	53.1	8.84	5.9	56	23	**	0	
10/12/2007	0.5	16.6	8.06	84.5	28	9.49	< 1.0	20
	26	16.46	6.88	71.9	28	9.6	< 1.0	
	49.5	8.94	4.64	40.9	24	9.93	< 1.0	

** = No data collected due to equipment malfunction

Appendix D1-2
Mokelumne River Project
FERC No. 137

Salt Springs Reservoir
Station SS2 - 1/3 Distance from Dam

2007 *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)	Secchi Disk (ft)
4/17/2007	0.5	9.15	10.13	99.5	26	6.19	6.2	
	20.9	7.31	10.14	95.4	26	6.08	5.1	
	40.2	6.85	9.56	89.6	28	6.02	6.4	
5/30/2007	0.5	16.42	8.98	102	20	6.75	33	16
	35	8.46	9.96	96	21	2.5	22	
	70	7.69	7.32	65.8	22	3.89	8.2	
6/27/2007	0.5	21.17	7.79	100.6	22.6	**	< 1.0	31
	32	9.44	8.7	92.3	19.6	**	< 1.0	
	64	7.98	8.92	86.3	21	**	< 1.0	
7/25/2007	0.5	23.62	7.61	104.2	25.9	**	< 1.0	
	30	10.14	8.61	94.5	20.4	**	< 1.0	
	60	8.37	7.95	84.3	21.7	**	< 1.0	
8/22/2007	1	22.74	7.88	92.9	**	7.13	< 1.0	
	25	11.99	8.42	79.4	**	5.74	< 1.0	
	48.9	9.25	8.08	71.5	**	4.28	0.1	
9/24/2007	0.5	19.12	7.76	92.6	28	**	< 1.0	29
	23	16.6	6.94	78.6	23	**	< 1.0	
	46.6	9.75	6.57	63.8	22	**	1.3	
10/12/2007	1	16.67	7.9	82.9	28	9.89	< 1.0	20
	20	16.64	7.05	74	22	9.71	< 1.0	
	41	11.36	5.89	55	23	7	20.7	

** = No data collected due to equipment malfunction

Appendix D1-3
Mokelumne River Project
FERC No. 137

Salt Springs Reservoir
Station SS3 - 2/3 Distance from Dam

2007 *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)	Secchi Disk (ft)
4/17/2007	0.5	9.27	10.1	99	26	6.35	3.8	
	12.1	8.33	10.22	97.7	25	6.32	12.1	
	23.5	7.16	10.37	97.1	26	6.32	23.5	
5/30/2007	0.5	16.65	8.99	105.1	20	7.14	2.9	16
	28	9.28	9.72	95.1	21	3.1	4.2	
	56.5	8.08	9.87	73.8	23	4.23	8.4	
6/27/2007	0.5	21.15	9.14	99.6	23	**	< 1.0	31
	25	10.02	9.06	90.9	19.7	**	< 1.0	
	51	8.44	8.98	87.9	20.3	**	< 1.0	
7/25/2007	0.5	23.76	7.54	101.3	26.5	**	< 1.0	
	19	12.25	8.29	95.3	20.7	**	< 1.0	
	38	9.32	8.24	88.7	20.8	**	< 1.0	
8/22/2007	**	**	7.85	92.9	**	7.38	13.7	
	**	**	8.05	93.2	**	6.97	4.3	
	**	**	8	76	**	6	< 1.0	
9/24/2007	0.5	19.14	7.72	92.1	28	**	1.2	29
	17.5	19	7.51	89.4	28	**	< 1.0	
	34.6	11.37	6.59	66.4	22	**	< 1.0	
10/12/2007	0.5	16.79	8.15	85.8	28	8.4	< 1.0	20
	14.3	16.78	8.06	84.8	28	8.09	< 1.0	
	28.7	16.15	7.98	82.9	30	7.85	3.9	

** = No data collected due to equipment malfunction

Appendix D1-4
Mokelumne River Project
FERC No. 137

Lower Bear River Reservoir
Station LB1 - Near Dam

2007 *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)	Secchi Disk (ft)
4/1/2007								
No data due to								
weather/access								
issues								
5/29/2007	0.5	15.43	7.56	89	13	6.63	4.4	28
	26	6.27	10.19	98.5	14	3.95	13.4	
	53	5.2	7.98	50.8	15	5.49	5.9	
6/26/2007	0.5	18.98	7.28	96.7	11.9	**	< 1.0	35
	25	6.72	10.16	102.4	10.4	**	< 1.0	
	51	5.62	9.52	91.9	10.6	**	< 1.0	
7/24/2007	0.5	21	7.4	100.5	12.7	**	< 1.0	28
	23.5	7.42	8.89	102.6	11	**	< 1.0	
	47	5.76	8.89	87.5	11.6	**	< 1.0	
8/21/2007	0.5	20.09	7.67	87.4	**	7.5	< 1.0	
	13.9	17.94	8.75	93.9	**	6.85	< 1.0	
	27.1	8.85	9.98	85.9	**	5.74	< 1.0	
9/25/2007	0.5	16.91	7.48	85.3	13	**	< 1.0	25
	20	16.77	7.35	83.5	13	**	< 1.0	
	40	6.04	7.53	66.8	13	**	3.2	
10/11/2007	0.3	14.12	7.89	**	13	8.74	< 1.0	26
	20	14.09	7.83	**	13	8	< 1.0	
	40	6.15	6.56	**	14	7.38	4.7	

** = No data collected due to equipment malfunction

Appendix D1-5
Mokelumne River Project
FERC No. 137

Lower Bear River Reservoir
Station LB2 - 1/3 Distance from Dam

2007 *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)	Secchi Disk (ft)
4/1/2007 No data due to weather/access issues								
5/29/2007	0.5	16.7	7.15	88.9	13	6.64	8.8	28
	16.5	7.03	10	98.8	13	6.4	11.7	
	33	5.95	10.14	96.5	13	5.18	7.5	
6/26/2007	0.5	19.5	7.15	96.3	11.9	**	< 1.0	35
	16	7.92	10.13	101.1	10.4	**	< 1.0	
	33	6.34	9.94	99.1	10.4	**	< 1.0	
7/24/2007	0.5	21.46	7.25	101.5	12.6	**	< 1.0	28
	13.2	10.81	10.44	104.2	11.2	**	< 1.0	
	26.5	6.98	9.49	96.4	11.1	**	< 1.0	
8/21/2007	0.5	20.34	7.58	88.5	**	7.62	< 1.0	
	11.4	19.52	8.1	89.7	**	7.13	< 1.0	
	23.4	11.61	9.47	85.3	**	6.13	< 1.0	
9/25/2007	0.5	16.96	7.48	85.3	13	**	< 1.0	25
	10	16.95	7.43	84.8	13	**	< 1.0	
	20	16.54	7.36	83.3	13	**	< 1.0	
10/11/2007	0.2	14.14	7.91	**	13	7.85	< 1.0	26
	10	14.12	7.88	**	13	7.34	< 1.0	
	20	14.01	7.8	**	13	6.8	< 1.0	

** = No data collected due to equipment malfunction

Appendix D1-6
Mokelumne River Project
FERC No. 137

Lower Bear River Reservoir
Station LB3 - 2/3 Distance from Dam

2007 *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)	Secchi Disk (ft)
4/1/2007 No data due to weather/access issues								
5/29/2007	0.5	17.03	7.34	90.8	13	6.89	5.3	28
	10	11.6	8.5	94.5	14	7.19	3.5	
	20	6.71	9.09	96	13	7.6	5.7	
6/26/2007	0.5	19.75	7.11	96.1	11.7	**	< 1.0	35
	10	14.5	8.76	101.8	11.1	**	< 1.0	
	20	7.18	9.8	99.6	10.2	**	< 1.0	
7/24/2007	0.5	21.81	8.93	101.3	12.6	**	0.2	28
	8.5	18.5	8.26	109.1	12.1	**	7.2	
	17	8.44	9.35	98.6	11	**	1.6	
8/21/2007	0.5	20.52	7.56	84.5	**	7.32	< 1.0	
	8	19.74	7.53	83.8	**	6.81	< 1.0	
	16.3	16.78	8.07	85.4	**	6.05	< 1.0	
9/25/2007	0.5	16.96	7.5	85.6	13	**	< 1.0	25
	6.1	16.96	7.51	85.6	13	**	< 1.0	
	11.9	16.39	7.44	83.8	13	**	5.2	
10/11/2007	0.5	14.04	7.99	**	13	7.36	< 1.0	25
	5.9	14	7.97	**	13	7.07	< 1.0	
	11.8	13.99	7.94	**	13	6.69	9.2	

** = No data collected due to equipment malfunction

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

Blue Creek below Upper Blue Lake
Station BC1

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	**	**	**	**	**	**
May	9.02	0.035	9.34	7.56	105.9	5.4
June	17.44	0.033	7.3	7	99.5	3.6
July	19.94	0.033	7.67	7.78	104.3	23.3
August	17.76	0.035	7.38	7.15	100.2	9.9
September	11.84	0.037	8.93	7.36	96.3	2.1

** = No data collected due to access/weather issues

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

Blue Creek below Lower Blue Lake
Station BC2

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	**	**	**	**	**	**
May	6.29	0.026	10.07	7.78	106.9	6.5
June	9.5	0.023	9.42	7.64	104.6	4.1
July	18.27	0.024	7.72	7.75	103.7	7.1
August	17.38	0.028	7.25	7.4	98	8.9
September	12.01	0.03	8.44	7.75	91.2	2.4

** = No data collected due to access/weather issues

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

Meadow Creek below Twin Lake
Station MC1

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	**	**	**	**	**	**
May	10.2	0.016	8.94	7.31	101.7	4.1
June	17.07	0.012	7.21	7.3	96.5	1.4
July	19.03	0.011	7.39	7.68	103.1	9.1
August	16.62	0.012	7.2	7.45	95.8	7.7
September	9.6	0.014	9.06	7.54	92.8	8.6

** = No data collected due to access/weather issues

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

Meadow Creek below Meadow Lake
Station MC2

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	**	**	**	**	**	**
May	6.33	0.018	9.7	8.23	101.1	5.5
June	7.78	0.013	8.97	7.67	97.5	13.2
July	13.22	0.013	8.42	7.74	104.4	27.5
August	17.27	0.014	7.18	7.34	97.1	3.8
September	11.26	0.016	8.67	7.29	92.4	5.8

** = No data collected due to access/weather issues

AppendixD2-5
Mokelumne River Project (FERC No. 137)

North Fork Mokelumne River above Salt Salt Springs Reservoir
Station NFMR1

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	7.07	0.025	10.52	6.8	98	7.9
May	12.78	0.024	9.96	7.75	106.7	5.1
June	16.83	0.042	7.87	6.92	91.5	8.2
July	**	**	**	**	**	**
August	19.38	0.042	8.04	7.34	105.5	0.8
September	11.42	0.044	8.72	7.9	89.5	1

** = No data collected due to access issues

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

North Fork Mokelumne River below Salt Springs Reservoir
Station NFMR2

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	6.93	0.027	10.48	5.18	97.8	5.3
May	9.88	0.027	10.5	7.41	103.2	4.5
June	11.05	0.023	9.41	7.36	97.8	1.3
July	13.13	0.023	10.23	7.57	103.6	39.6
August	13.04	0.024	7.56	7.53	100.3	2.6
September	12.63	0.024	9.27	8.33	98.2	2.5

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

Cole Creek below Project Diversion
Station CC0

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	**	**	**	**	**	**
May	14.14	0.011	7.28	8.73	85.7	6.9
June	15.62	0.024	7.31	7.39	84.6	3.2
July	18.67	0.031	9.04	7.45	76.4	1.3
August	15.88	0.037	7.28	8.91	78.3	33.1
September	8.25	0.035	8.57	7.55	88.1	6.4

** = No data collected due to access/weather issues

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

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

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	4.1	0.018	11.54	6.82	99.8	7.3
May	14.42	0.02	9.09	7.39	99.3	5.3
June	16.8	0.03	7.72	6.7	88.4	2.4
July	18.97	0.039	8.24	7.1	99.2	0
August	18.69	0.013	7.74	7.2	93.6	1.9
September	14.11	0.049	7.94	7.61	84.2	3.7

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

Bear River below Lower Bear Reservoir
Station BR1

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	4.68	0.017	10.5	5.75	92.1	6.6
May	7.45	0.014	9.01	7.75	91.8	4.7
June	10.2	0.015	8.53	7.54	92.1	2
July	9.44	0.015	9.04	7.75	94.6	15.4
August	9.73	0.016	7.43	8.47	80.7	48.3
September	7.11	0.017	9.28	7.58	92.6	6.8

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

Bear River below Salt Springs Road
Station BR2

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	3.61	0.027	11.49	6.82	97.6	6.1
May	13.73	0.027	9.21	7.48	99.9	7.4
June	16.19	0.027	7.95	6.81	90.7	5.5
July	19.24	0.026	8.28	7.21	100.1	2.7
August	18.14	0.025	7.75	7.27	92.2	1
September	11.15	0.027	8.9	7.5	90.6	4.8

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

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

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	7.36	0.042	11.01	7.22	99.1	6.9
May	14.82	0.038	9.12	7.18	100.8	4
June	17.59	0.051	8.22	6.91	93	< 1.0
July	20.86	0.061	7.57	6.88	91.2	0
August	19.94	0.057	8.11	7.19	99.1	1.4
September	12.11	0.06	9.25	6.97	93.5	3

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

Tiger Creek below Tiger Creek Regulator Dam
Station TC1

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	8.67	0.044	9.84	6.94	94.8	10.9
May	9.22	0.02	9.99	7.38	97.1	15.2
June	9.62	0.024	9.4	7.51	87.7	14
July	9.47	0.019	9.25	7.19	90.3	13.1
August	11.21	0.021	9.67	7.99	97.7	11.3
September	11.38	0.025	9.04	7.07	92.5	4.4

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

North Fork Mokelumne River below Tiger Creek Afterbay
Station NFMR4

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	9.08	0.045	10.73	6.99	100.1	9.1
May	13.76	0.027	9.62	7.17	104.5	3.1
June	13.68	0.032	8.63	7.12	89.5	2.4
July	12.03	0.023	9.3	8.14	91.7	24.6
August	13.18	0.025	9.2	7.63	97.4	8.1
September	13.36	0.027	9.55	7.27	98.8	3.3

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

North Fork Mokelumne River at Electra Powerhouse Diversion Dam
Station NFMR5

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	9.68	0.046	10.39	7.35	98.6	6.2
May	13.75	0.028	9.2	7.34	94.4	12.8
June	14.33	0.034	8.72	7.15	87.2	2
July	14.07	0.025	9.31	7.74	94.5	16.8
August	14.56	0.025	9.06	7.31	99.3	2.6
September	12.41	0.028	8.92	7.43	90.6	2.7

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

Mokelumne River above Electra Powerhouse
Station MR1

2007 *In situ* Water Quality Data

Month	Water Temperature (ºC)	Specific Conductance (mS/cm)	Dissolved Oxygen (mg/L)	pH	DO % Satuaration	Turbidity (NTU)
April	11.61	0.055	10.42	7.3	98.1	7.4
May	17.08	0.04	9.27	7.37	98.8	8.4
June	20.85	0.052	8.89	7.31	101.4	< 1.0
July	23.43	0.055	6.7	7.2	83.5	6.1
August	23.86	0.054	7.99	7.47	97.9	0.8
September	18.2	0.064	7.9	7.26	85.2	3

Appendix E

2007 Water Temperature Monitoring Equipment Calibration Certificates

Memorandum

Date: March 29, 2007 **File #:**

To: ENVIRONMENTAL SERVICES

From: TECHNICAL AND LAND SERVICES

Subject: Bathythermograph 2007 Calibration Report

Pacific Gas and Electric Company

ED CHESLAK

The IDRONAUT Ocean 7 Model 304 temperature/depth data-loggers listed below were checked for temperature calibration at PG&E's Technical and Land Services (TLS) on March 9, 2007 using standard procedures and certified in tolerance (± 0.01 °C) against National Institute of Standards and Technology traceable instrumentation. As noted, one of the units was out of tolerance as found and was taken out of service for factory repair and re-calibration.

Traceable Instrument Identification: Standard Thermometer
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

Idronaut ID:

Count	Model	SN:	Cal Date	In Tolerance
1	Probe 304	0406057	March 9, 2007	Y
2	Probe 304	0505065	March 9, 2007	Y
3	Probe 304	1205072	March 9, 2007	N

Individual Calibration Certificates can be printed if necessary. Original calibration data are located in my files, C:/Equipment/Calibration Certificates.

ERIC KENZLER
Technologist, TLS

EMKenzler(251-5806):emk

Pc: Dan Tilly
Tim Sagraves

Memorandum

Date: December 18, 2007 **File #:**

To: ENVIRONMENTAL SERVICES

From: APPLIED TECHNOLOGY SERVICES

Subject: Hyddrolab Instrument 2007 Calibration Report

Pacific Gas and Electric Company

MATTHEW FRANSZ
CRAIG GELDARD

I certify that between March and December, 2007 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 documenting monthly calibrations is maintained in the Chemistry Laboratory (Room 155) at ATS, most of the instruments were calibrated by qualified PG&E personnel in the field more often than that depending on deployment schedules.

Instrument Identification:

Hydrolab Quanta®. #1 S/N 01310/01277
Hydrolab Quanta® #2 S/N 01943/02100 Note: This unit was not returned from the field after August 2007.
Hydrolab Quanta® #3 S/N 01602/02089
Hydrolab Data Sonde 4a® S/N 37743
Hydrolab Data Sonde 5® S/N 42706

ERIC KENZLER
Technologist
Pacific Gas and Electric Company
Applied Technology Services

Memorandum

Date: January 8, 2008 **File #:**

To: ENVIRONMENTAL SERVICES

From: APPLIED TECHNOLOGY SERVICES

Subject: Mokelumne River Project - Temperature Data Logger 2007 Calibration Report

Pacific Gas and Electric Company

MATTHEW FRANSZ:

The VEMCO TR-12 temperature recorders listed in Table 1 were calibrated at PG&E's Applied Technology Services (ATS) on January 7, 2007 using the manufacturer's calibration procedures and were certified to be within tolerance for temperature (± 0.1 °C) against National Institute of Standards and Technology traceable instrumentation. As noted, three of the VEMCO units were slightly out of tolerance as found and were recalibrated to meet tolerance criteria.

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

Pc: Dan Tilly

Attachment

Pacific Gas & Electric Company - Technical and Land Services
Temperature Data Loggers Calibration Record

Mokelumne River Project

Count	Model	SN:	Cal Date	In Tolerance
1	Vemco TR-12	2906A	1/7/2008	N-R[1]
2	Vemco TR-12	2907A	1/7/2008	Y
3	Vemco TR-12	3040A	1/7/2008	Y
4	Vemco TR-12	3041A	1/7/2008	Y
5	Vemco TR-12	3062A	1/7/2008	Y
6	Vemco TR-12	3066A	1/7/2008	Y
7	Vemco TR-12	5176E	1/7/2008	Y
8	Vemco TR-12	5177E	1/7/2008	Y
9	Vemco TR-12	5178E	1/7/2008	Y
10	Vemco TR-12	5179E	1/7/2008	Y
11	Vemco TR-12	9342A	1/7/2008	Y
12	Vemco TR-12	9344A	1/7/2008	Y
13	Vemco TR-12	9345A	1/7/2008	N-R[1]
14	Vemco TR-12	9346A	1/7/2008	Y
15	Vemco TR-12	9349A	1/7/2008	Y
16	Vemco TR-12	9350A	1/7/2008	Y
17	Vemco TR-12	9351A	1/7/2008	Y
18	Vemco TR-12	9352A	1/7/2008	Y
19	Vemco TR-12	9353A	1/7/2008	N-R[1]
20				

1. N-R = Not in tolerance (± 0.1 °C) as found, recalibrated to within tolerance.