AquA Hydrogeologic Consulting

# SMOKE CREEK DESERT GROUNDWATER MODEL

**and**

# SMOKE CREEK HYDROGRAPHIC BASIN WATER RIGHTS DATABASE REPORT

**Prepared for:**

**Gerlach General Improvement District**
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**June 2009**

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## APPENDICES

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# 1.0 EXECUTIVE SUMMARY

**1.1 Purpose** The purpose of this study and report was two-fold. First was the development of a groundwater flow model to characterize the groundwater flow system within the Smoke Creek Desert groundwater basin. This model was then used to determine potential pumping impacts on Railroad and Garden Springs. These two springs are the water supply sources for the town of Gerlach, Nevada. The second phase of the study was to develop a database for all of the water rights contained within the Smoke Creek Desert hydrographic basin. The developed database includes both surface and groundwater rights.

**1.2 Findings**

- Based on the current water rights data base at the State engineer's office, the groundwater rights within the Smoke Creek Desert Basin are as follows:
    - Certificated – 2,529.72 acre-feet/year
    - Permitted – 7,458.42 acre-feet/year
    - Vested – 2,196.90 acre-feet/year
- Flow from Railroad Spring was measured at a constant 200 gallons per minute (gpm). This measured flow was obtained through the use of a data logger, and a flow meter over a period of one year.
- Flow from Garden Springs was measured in the range of 37 gpm to 53 gpm. Flow from the spring was measured with a data logger and flow meter. The flow measurements were obtained over a one-year period of time.
- A single layer groundwater flow model was built and calibrated for the Smoke Creek Desert groundwater basin. The model area was made up of the alluvial material found in the basin and encompassed 654 square miles.
- The water balance developed for the groundwater model contained a recharge component of 17,507.51 acre-feet/year, and an evapotranspiration component of 17,507.52 acre-feet/year. Both of these components are within approximately five percent of the values used by the State Engineer's office for the Smoke Creek Desert groundwater basin.
- Results from the modeling effort, produced simulated water levels for comparison to observed water levels at 19 observation points throughout the basin. On average, the model values and the field values were within 4.96 feet. For a basin-wide model, this is a very good match.
- After the groundwater model was calibrated to steady-state conditions, forward projections for 20-years were made with all permitted water right wells pumping throughout the basin. Water elevation contours from the pumping wells indicated that no measurable impacts would be detected at Railroad or Garden Springs.

## 1.3 Conclusions

The following conclusions are based on results of the groundwater modeling projections, and spring flow discharged documentation.

- The Smoke Creek Desert groundwater aquifer appears to be capable of meeting the pumping demands of all current permitted groundwater rights without impacting the flow from Railroad and or Garden Springs.
- Additional spring flow is available to be appropriated at Railroad Springs. The existing permit (permit 1446, certificate 50) is for 103 gpm, while it has been demonstrated through data collection that the flow from the spring is a consistent 200 gpm. Application 74210, currently on file at the State Engineer's office is for an additional 224 gpm. Between these two water rights, all of the water flowing from Railroad Springs will be covered under the two Gerlach filings with the State Engineer.
- The existing permitted water right (permit 9151, certificate 2366) covering Garden Spring is for 89.6 gpm, while discharge from the spring has been measured in the range of 37 to 53 gpm. Application 74209, currently on file at the State Engineer's office is for an additional 224 gpm. It is apparent from flow measurements and data collection that the original permitted water right (Certificate 2366) covers all of the flow available from this spring.

## 1.4 Recommendations

- Continue to collect water flow data from the two existing flow meters that were installed in the distribution pipeline. The collection schedule should be bi-weekly until the end of 2009, then the readings can become monthly. This data collection is necessary to continue to establish a history of the springs flow.
- Download the water level data collected from the two springs data loggers every three months. This data should be placed into the spring discharge database.
- The flow data from the Railroad Spring is necessary to support the additional water rights appropriation application that has been filed with the State Engineer.

# 2.0 INTRODUCTION

This report presents the results from a finite-difference groundwater model of the Smoke Creek Desert groundwater basin, located in northern Washoe County, Nevada. The Gerlach General Improvement District (GGID) is concerned that groundwater pumping from the Smoke Creek Desert basin would impact the flow of their two domestic water supply springs. As a result of this concern, the GGID contracted with AquA Hydrogeologic Consulting (AquA), Reno, Nevada to collect spring flow data and develop a groundwater flow model for the basin. Figure 1 shows the boundary of the modeled area.

A transient groundwater model was constructed to project pumping rates, and to assess the possible impacts on the spring discharge in response to the pumping. This report includes a detailed description on the processes and methodology involved in constructing the groundwater flow model along with the results of the transient model.

## 2.1 Methodology

The methodology of the modeling process consisted of constructing a steady state model from a conceptual model, then constructing a transient model to project pumping rates and impacts into the future. Calibration of the model was conducted until a reasonable fit was reached between the simulated and observed hydraulic head (water) levels found at 18 observations points. Pumping scenarios were then applied to the model over time and the drawdown of the hydraulic heads was observed.

The first step in developing the groundwater model involved development of a conceptual model for the Smoke Creek Desert basin area. Because the existing water wells within the basin derive their water from the alluvium material, the groundwater model was set up as a single layer model with the entire basin (alluvial material) included within the model area. Along the northern boundary of the model the two GGID springs were placed.

It was determined from a field investigation that Garden Spring flows from alluvial material, however, its supply source is probably fractures contained within the underlying and up-gradient granitic material. Railroad Spring flows directly from fractures in the granitic rock into a collection box and from there into the GGID pipeline.

Once the conceptual model was developed for the study area, a steady state model was constructed with MODFLOW using the GMS user interface. The steady state model brings the groundwater system to equilibrium without a time component

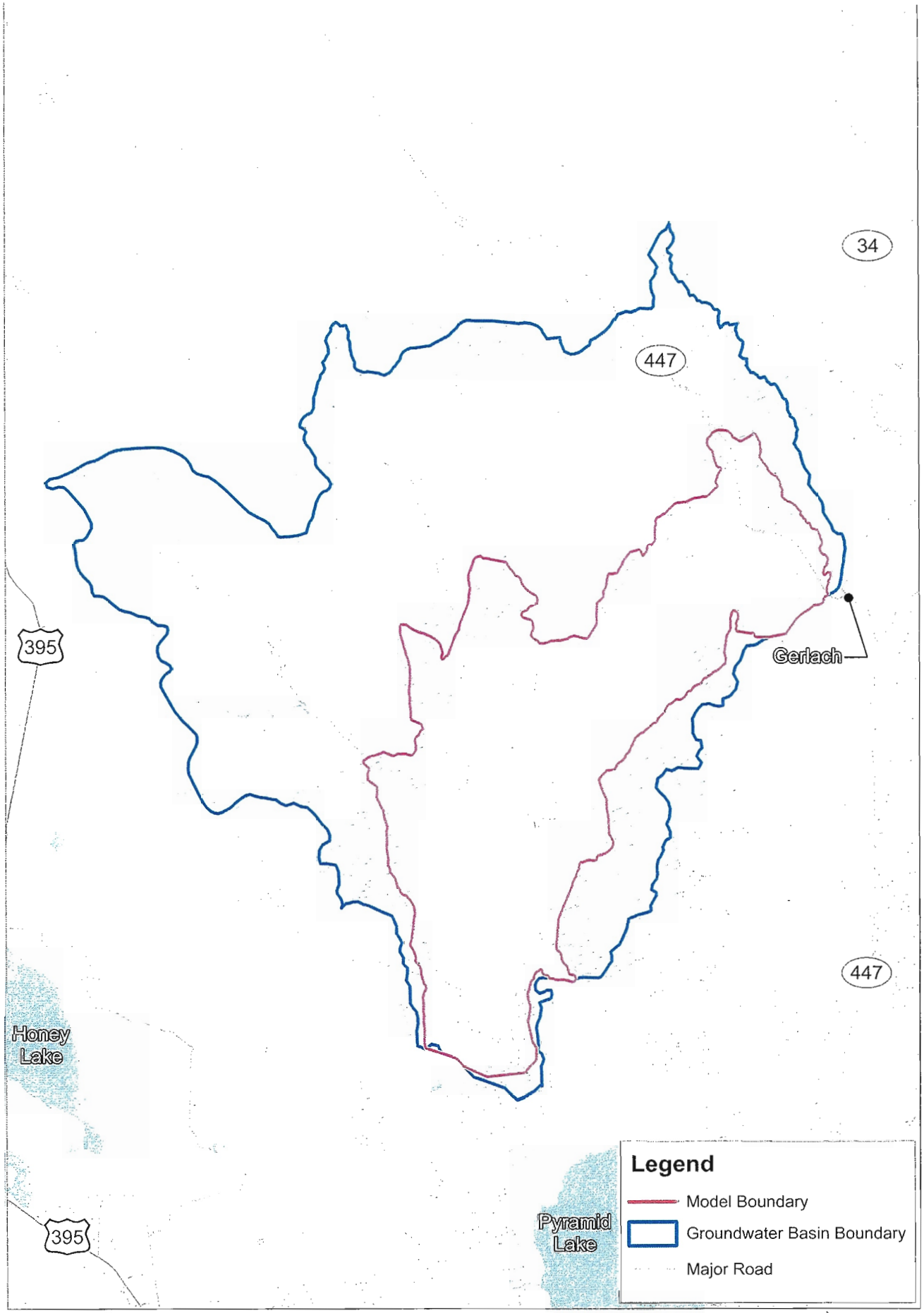


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Figure 1 Smoke Creek Desert Groundwater Model
Location Map

0 12,000 24,000 48,000 Feet

The main sources of groundwater recharge to the alluvium are Smoke Creek, Buffalo Creek, Squaw Creek and inter-basin flow into the model from Sand Pass. The three creeks flow into the basin from the west and northwest. There are no other significant creeks, which flow into the basin, except in a case of a localized heavy thunderstorm that would generate local runoff. Groundwater coming into the basin through Sand Pass (southwest corner of the basin) originates in Honey Lake Valley.

The groundwater model was calibrated by adjusting the hydraulic conductivity values once a reasonable fit between the simulated and observed groundwater levels was obtained. The model was then deemed calibrated and ready for transient runs to be completed. The transient model included the entire basin permitted wells with their associated pumping rates. Time steps for the transient model projected pumping 20 years into the future starting on January 1st, 2008.

## 3.0 GEOLOGIC SETTING

The Smoke Creek Desert basin is located in northern Washoe County, with its southern boundary located approximately 8 miles north of Pyramid Lake. The northeast trending valley extends from this southern boundary northward approximately 36 miles, at its widest point; the basin alluvial material was approximately 12 miles. This occurs in two general locations; one is the entrance point of Buffalo Creek into the basin, and again along the northern boundary where Squaw Creek flows into the basin. For modeling purposes, the Granite Range was defined as the basins northern boundary. The Smoke Creek Desert basin is characterized by having an extensive playa along the center axis of the basin. This part of the basin is essentially flat with only a slight to moderate gradient inward from the base of the consolidated rocks, which forms the basins boundary.

The mountain ranges, which encompass the Smoke Creek Desert basin, are the Granite Range along the northern boundary, the Fox Range along the eastern boundary, Terraced Hills along the southern part of the basin, and a group of un-named mountains and hills, which form the western boundary. The Granite Range and the Fox Range are composed mostly of consolidated rock made up of medium to coarse-grained granodiorite with a mixture of plagioclase, microcline, quartz, hornblende and biotite. The Terraced Hills and the un-named mountains and hills, which comprise the southern and western boundaries of the basin, are composed mostly of andesitic and basaltic flows. Because the groundwater model developed for this study only included the alluvial portion of the basin, the hydrogeologic properties of the consolidated rocks were not evaluated.

The majority of the geologic formation within the modeled area is eroded out washed alluvial material from the surrounding mountains. From analysis of the existing driller's logs from wells within the modeled area, the primary subsurface material ranges from gravel and sand to interbedded clay and silt layers. As you move towards the center of the basin the alluvial material contains a higher percentage of silts and clays. Water Resources – Reconnaissance Series Report 44 (April 1968) estimates that along the center axis of the basin, depth of the alluvial material probably exceeds 1,000 feet.

### 3.1 Climate and Vegetation

The Sierra Nevada Mountains located to the west are a major factor influencing the climate in the area. Moist Pacific front storms are cooled and condensed by the orographic effects of the mountainous terrain to the west of the Smoke Creek Desert basin resulting in heavy precipitation, usually more than 30 inches/year. However, the Smoke Creek Desert is located within the rain shadow of the Sierra Nevada Mountains and is considered within the basin and

range province, and precipitation is reduced. Precipitation records indicate an average annual precipitation of approximately 8 inches; average annual high temperatures are around 90 degrees Fahrenheit during the month of July and average low temperatures are around 20 degrees Fahrenheit during the month of December.

Vegetation within the study area consists mainly of sparse sagebrush, although there are some cottonwood trees and various grasses and bushes found adjacent to the three major creeks coming into the basin from the west.

# 4.0 HYDROGEOLOGIC SETTING

The main surface water features within the study area are Smoke Creek, Buffalo Creek, and Squaw Creek. These three creeks enter the Smoke Creek Desert basin from the west and northwest and are considered intermittent and perennial streams. Within the upper reaches of the three creeks, the flow would be considered perennial, however as the creeks enter the alluvial portion of the basin, their flow is intermittent and would be considered ephemeral. It is within the lower reaches of the three creeks, as the flow enters the basin, that it becomes recharge into the alluvium. This recharge occurs mostly in the late winter, spring, and early summer months. The rest of the year, stream recharge is sporadic and limited to local thunderstorms.

## 4.1 Hydrogeology

The two Gerlach water supply springs (Railroad and Garden) lie along the northern boundary of the Smoke Creek Desert Basin. In this area of the basin, the alluvial material is thin to medium depth as you move southward from the Granite Peak range front. It appears from well log information and a U.S.G.S. geophysical survey conducted in the basin, that the thickness of the alluvial material along the elongated center trough of the basin could exceed a thousand feet. The alluvial material is made up of sand, gravel and clay layers. The permeability of the alluvial material is generally good throughout the basin, especially along the basin parameter where, the alluvial material appears to be coarser and is subject to recharge by streams flowing into the basin from the west. The alluvial material in the center portion of the basin contains a higher percentage of fine grain material and as such does not yield groundwater easily.

Depth to groundwater varies throughout the basin. Along the northern, western, and southwest portions of the basin, groundwater is found near land surface or flowing artesian conditions exist. In the remaining portions of the basin, groundwater is within approximately 30 feet of land surface.

Water Resources – Reconnaissance Series, Report 44 concludes that the Smoke Creek Basin is a closed basin. Groundwater appears to flow into the basin from the San Emidio Desert Basin and from Honey Lake Valley through the Sand Pass area. It does not appear that any groundwater exits the basin. As such, the groundwater gradient is towards the center of the basin.

Very little pumping test data exists on tests conducted on wells within the basin. The most recent test involved unpublished data collected from a test conducted on a production well located near where Squaw Creek enters the alluvial portion of the basin. Test results indicate 10 feet of drawdown at a pumping rate of 700 gpm, at the end of 10 days of pumping. This data calculates

a specific capacity of 70 gpm/ft.dd. Reviewing four records of selected wells contained on Table 13 (pages 36-37) of the Water Resources – Reconnaissance Series Report 44 indicate specific capacity values ranging from 15.8 to 67.5 gpm/ft.dd. Because actual drawdown data was not available, a transmissivity value for the aquifer was not assigned. However, it was estimated from the calculated specific capacity values that a transmissivity value range of 30,000 to 100,000 gal/day/ft could be expected.

Several driller's logs provided specific capacity data for a theoretical calculation of the hydraulic conductivity. The screened interval for each of these well varies, but the calculations were used for initiating the hydraulic conductivity field for the model area. The initial hydraulic conductivity value used in the model, varied dependent upon location within the basin. The starting hydraulic conductivity values used in the model varied from 1 to 70 ft/day.

# 5.0 GROUNDWATER FLOW MODEL

A two-dimensional, single layer, finite-difference groundwater flow model was constructed with MODFLOW 2000 (McDonald and Harbaugh, 1988) using the GMS graphical user interface. Available data for developing the model consisted of a DEM of the land surface, limited pumping test data, driller's logs, groundwater level measurements, flow data from the three surface creeks entering the basin, and record flow measurements at Railroad and Garden Springs.

## 5.1 Model Construction

The extent of the modeled area was chosen to be the alluvial material found throughout the entire interior of the Smoke Creek Desert Basin. The mountain ranges, which encompass the alluvial material of Smoke Creek Desert basin, are composed mostly of consolidated rock made up of medium to coarse-grained granodiorite with a mixture of plagioclase, microcline, quartz, hornblende, biotite, and andesitic and basaltic flows. Because the groundwater model developed for this study only included the alluvial portion of the basin, the hydrogeologic properties of the consolidated rocks were not evaluated. A two-dimensional model was chosen to simplify the groundwater flow due to the limited amount of data available to characterize multiple layers.

Initially a steady state model was constructed using the available data and was calibrated by trial and error utilizing the PEST (parameter estimation method), which continually adjusts hydraulic conductivity values in the model, until a best fit is achieved with observed water levels at each designated point in the model.

### 5.1.1 *Model Grid Components*

The groundwater flow model grid encompasses a total area of 252,371.36 acres (394.33 sq. mi.) with 44,890 total active cells. Cell size was set at 500 x 500 feet in the lateral plane. The top elevation for the model was determined using a Digital Elevation Model (DEM) of the land surface. The bottom elevation of the model was determined using available depth of existing wells and U.S.G.S geophysical survey's. There is not enough available data to characterize the subsurface characteristics beneath the drilled wells, so a limited extent of the groundwater aquifer has been modeled.

### 5.1.2 *Boundary Conditions*

Specified flow and no-flow boundary conditions were assigned to all edges of the model. Figure 2 shows the amount of acre-feet/year recharge into the model along the entire boundary parameter. As shown on the figure, the main recharge components were Sand Pass, Smoke Creek, Buffalo Creek and Squaw Creek.

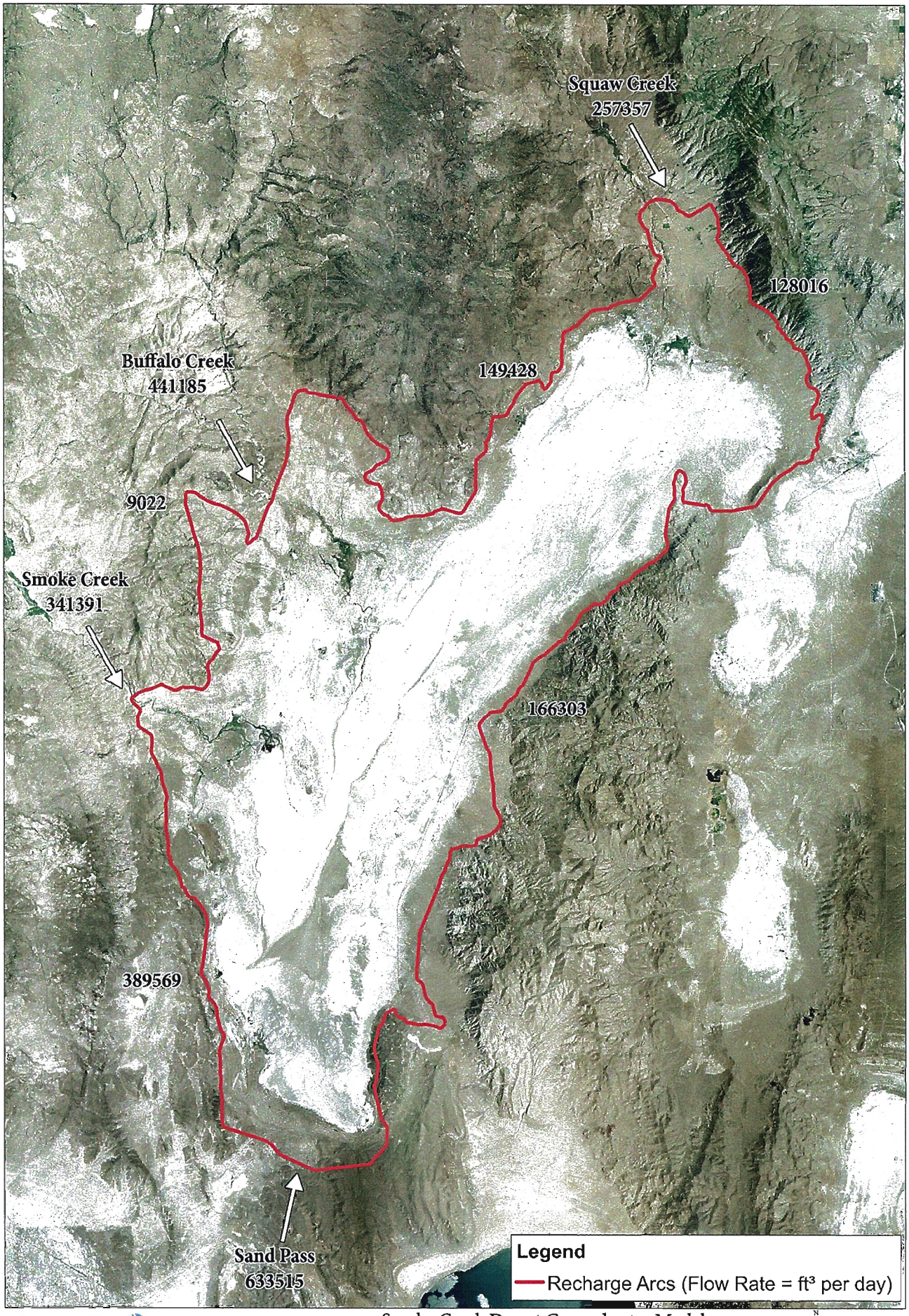


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Figure 2

Smoke Creek Desert Groundwater Model
Boundary Conditions Map

### 5.1.3 *Water Budget*

At the end of the steady state calibration of the model, the following water budget was established:

Recharge = 2,090,488.277 $ft^3$/day (17,507 acre-feet/year)
Evapotranspiration = 2,090,488.999 $ft^3$/day (17,507 acre-feet/year)

### 5.1.4 *Model Parameters*

All model parameters were generated from the available data for the study area. This includes a DEM of the surface elevation, topographic, geologic and air photo images, stream flow measurements, pumping tests, driller's logs, groundwater level measurements, and spring flow measurements.

Aquifer Parameters

Hydraulic conductivity values for the model were initialized from limited pumping data and specific capacity data from available driller's logs. The initial range of values for the hydraulic conductivity was 0.1 to 70. These values were applied to their corresponding wells and a xyz scatter point set was utilized to determine the hydraulic conductivities for the surrounding cells in the model. Calibration of the hydraulic conductivity values taken from specific storage values was conducted to provide a reasonable fit between simulated and observed head levels.

Recharge Parameters

Recharge to the model was from the surrounding range fronts and the three major streams flowing into the basin. The main streams are Smoke Creek, Buffalo Creek, and Squaw Creek. These three creeks enter the Smoke Creek Desert basin from the west and northwest. Surface water recharge into the model was as follows:

Smoke Creek - 2,859 acre-feet/year
Buffalo Creek - 3,695 acre-feet/year
Squaw Creek – 2,155 acre-feet/year

Figure 2 shows the remaining recharge into the basin as modeled. For modeling purposes, no recharge came into the model from the Black Rock Basin and two small sections near the southern most part of the basin.

Discharge Parameters

Discharge used in the model was limited to the permitted water rights assigned to pumping and artesian wells that were used for irrigation purposes. The total acre-feet placed into the model covering irrigation rights were 12,185 acre-feet/year.

Evaporation Parameters

Evapotranspiration in the model at the end of steady state calibration was calculated to be 2,090,488.999 $ft^3$/day (17,507 acre-feet/year). Figure 3 shows the extinction depths assigned in the model for the various vegetation. Source of this information was Water Resources - Reconnaissance Series Report 44.

## 5.2 Model Calibration

The steady state model was calibrated by inserting hydraulic conductivity values taken from the specific capacity data from driller's logs and other information available. After this was completed, the hydraulic conductivity values were then interpolated using the pilot point (PEST) method. Then the values were changed, interpolated, and the model was run again to analyze the error between simulated and observed head measurements for the observation points. This was repeated until a reasonable fit was reached at all of the observation points throughout the entire modeled basin. Figure 4 shows the model steady state calibration target map at the completion of the calibration process. Figure 5 shows the final horizontal conductivity values that were used in the model.

During the model calibration process, water levels over time were looked at throughout the basin. It was determined through comparing water levels at wells drilled in the same area several years apart, that water levels were not declining. As such, the steady state model calibrated was completed.

Following completion of the steady state model calibration, time steps were placed in the model and pumping rates were assigned to the permitted groundwater rights held within the basin that were for irrigation purposes. Yearly pumping scenarios were projected 20 years into the future starting on January 1st, 2008. Section 6 describes the results of the pumping scenarios.

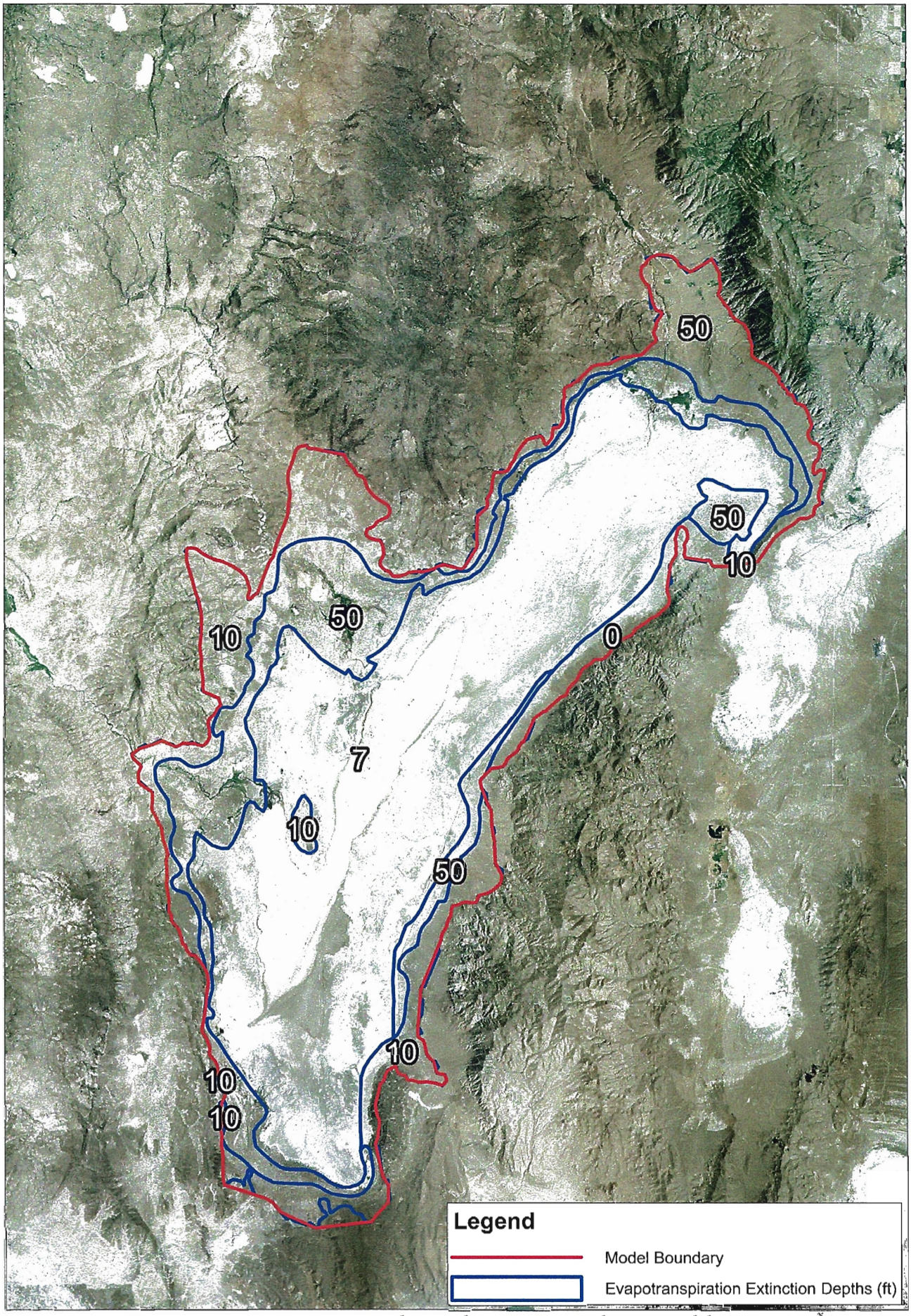


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Figure 3

Smoke Creek Desert Groundwater Model
Model Extinction Depth Map

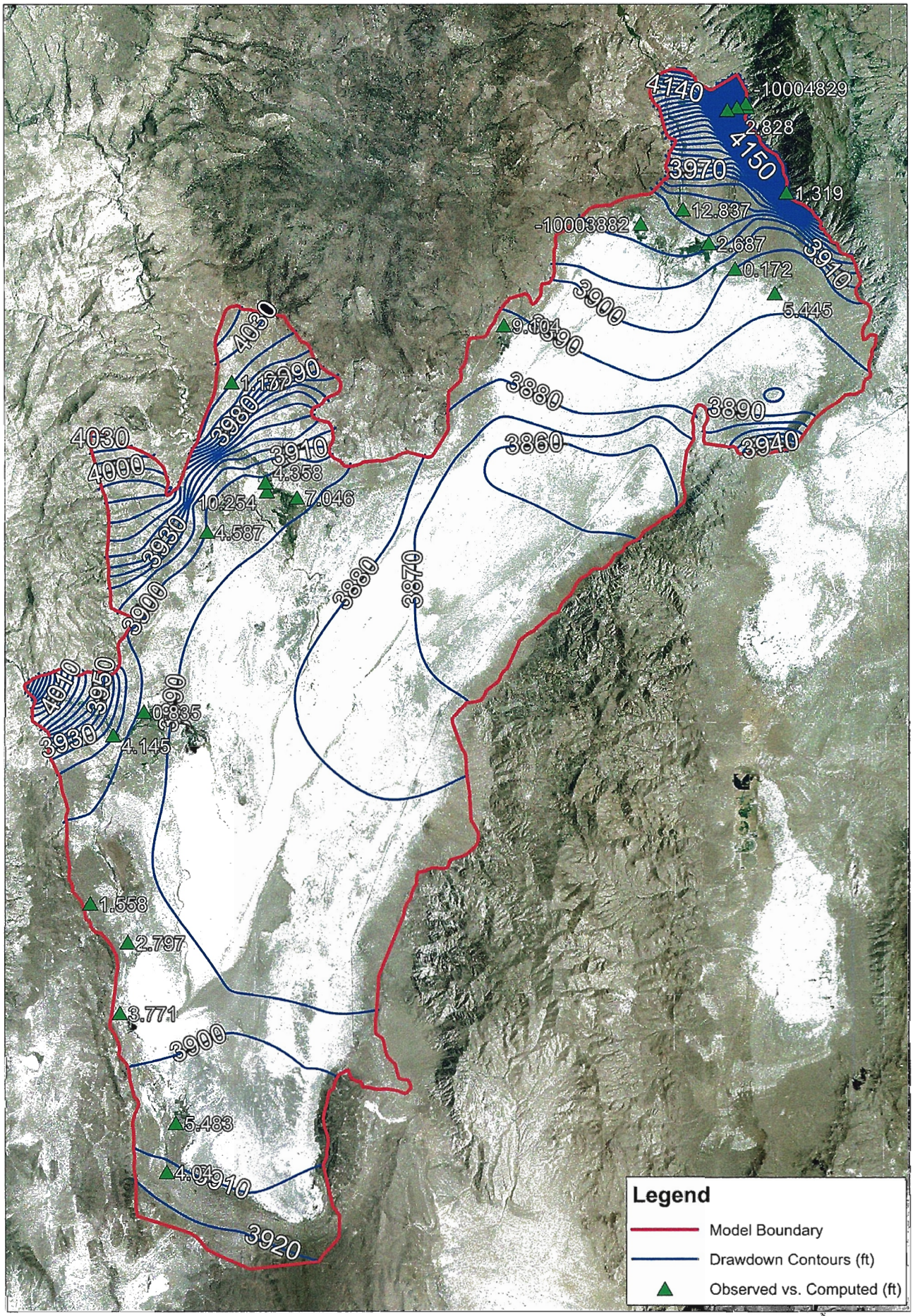


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Figure 4 Smoke Creek Desert Groundwater Model
Steady State Contours

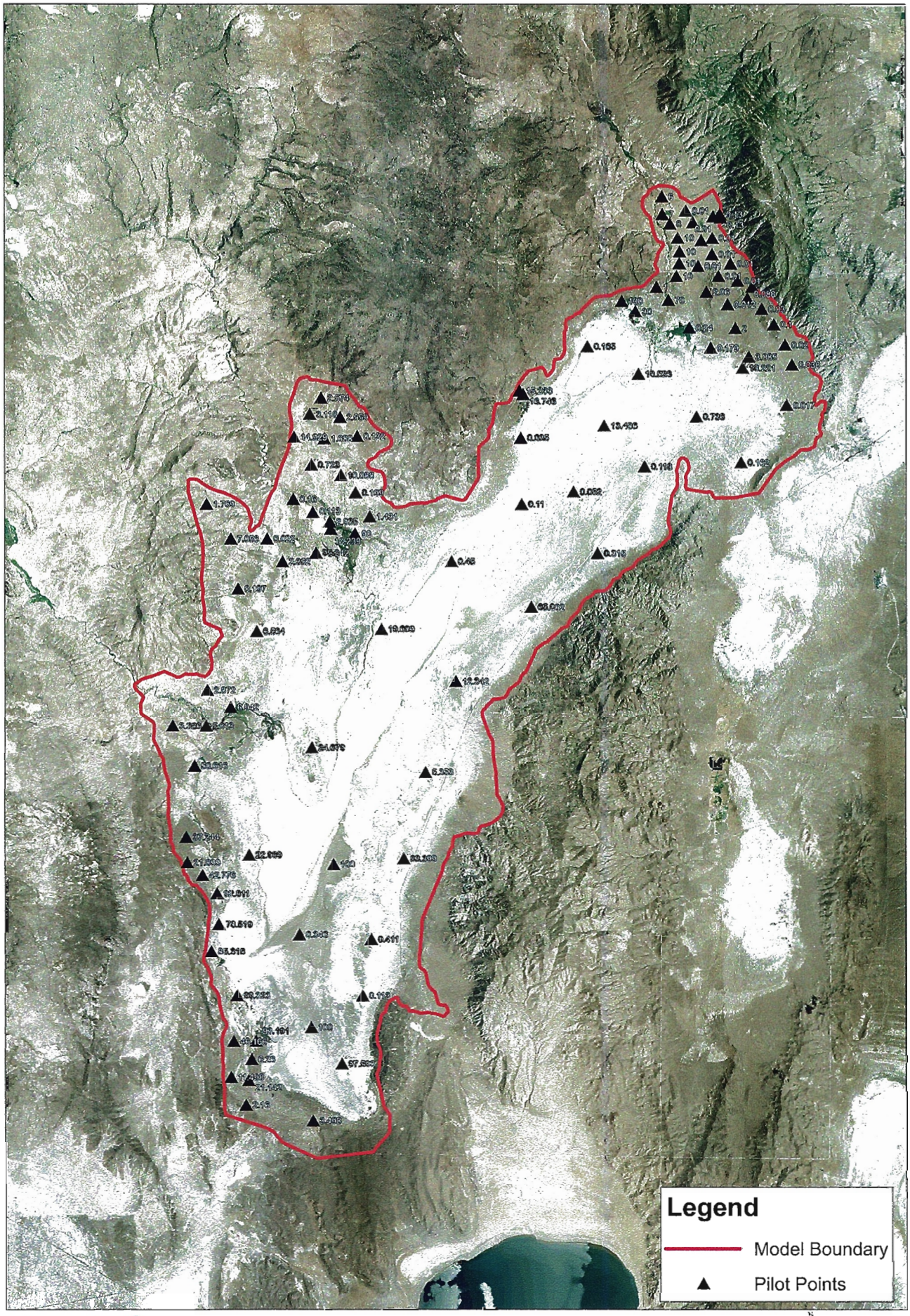


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Figure 5 Smoke Creek Desert Groundwater Model
Horizontal Conductivity Map

0 8,000 16,000 32,000 Feet

## 6.0 MODEL PROJECTIONS

After steady state calibration was completed, a transient model was constructed. This included pumping the permitted production wells throughout the basin for 20 years. The pumping rate of each production well was calculated as their permitted yearly amount converted into a daily rate and then placed into the model. Water levels in the immediate area of the main production wells show the effects of production pumping. Figures 6 through 8 show the water level elevation contours throughout the basin. Figure 6 shows the initial effects of pumping after one year, while Figures 7 and 8 show very little additional effects.

Utilizing air-photos and field investigations reveal that nearly all of the production pumping conducted at this time within the basin is occurring in the Buffalo Creek area. The remaining use of permitted water rights for irrigation purposes throughout the basin is minimal.

One area within the basin that requires a comment, is the permitted water well located approximately one mile west of Garden Springs. At this location, during steady state calibration, modeled water levels were matched as close as possible to the water levels observed in the field. The modeled water level and the field observation point closest to this production well were within 2.77 feet of matching. For a basin wide model, this is a near perfect match. However, to get this match, a very low horizontal conductivity value of 0.001ft/day had to be placed in the model. One reason for the extremely low horizontal conductivity in the area is the groundwater gradient and the location of the well on the range front alluvial fan. The groundwater source for this area is a underlying fault system that is shown in Water Resources – Reconnaissance Series Report 44. In most other areas of the basin model, horizontal conductivity values were mostly in the range of 10 to 100 ft/day. However, when it's permitted pumping rate was assigned to the well during the transient runs, an excessive amount of drawdown was observed at the well. This was not unexpected given the extremely low horizontal conductivity value used in the steady state model. In reality, the horizontal conductivity values obtained throughout other alluvial areas of the basin should be applied for this area also. If this were the case, the pumping water level projected at this well would be minimal and consistent with other areas of the basin.

With respect to the effects of production pumping on Railroad and Garden Springs, no change was detected.

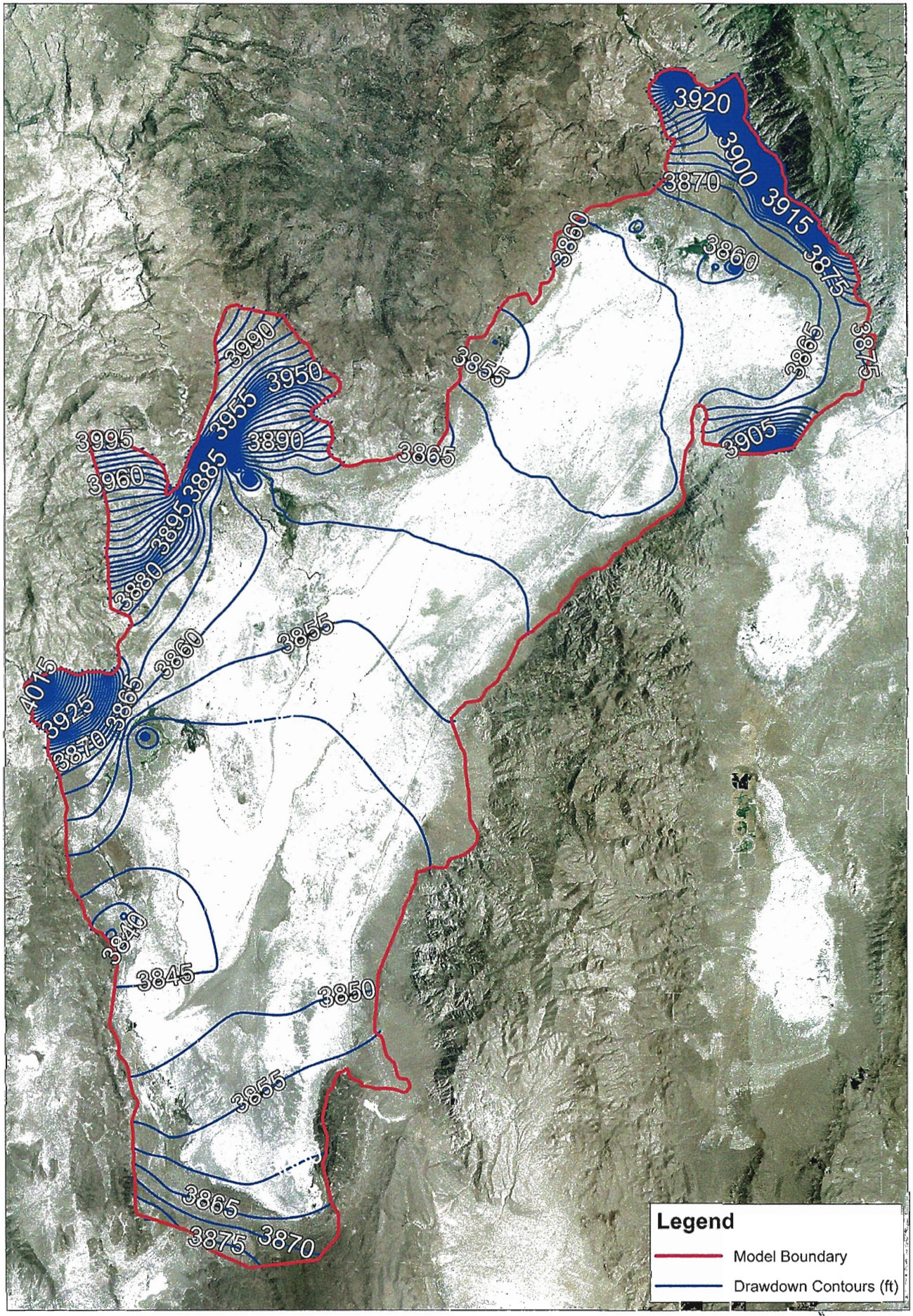


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Figure 6

Smoke Creek Desert Groundwater Model
Water Elevation Contours After 1 year of pumping

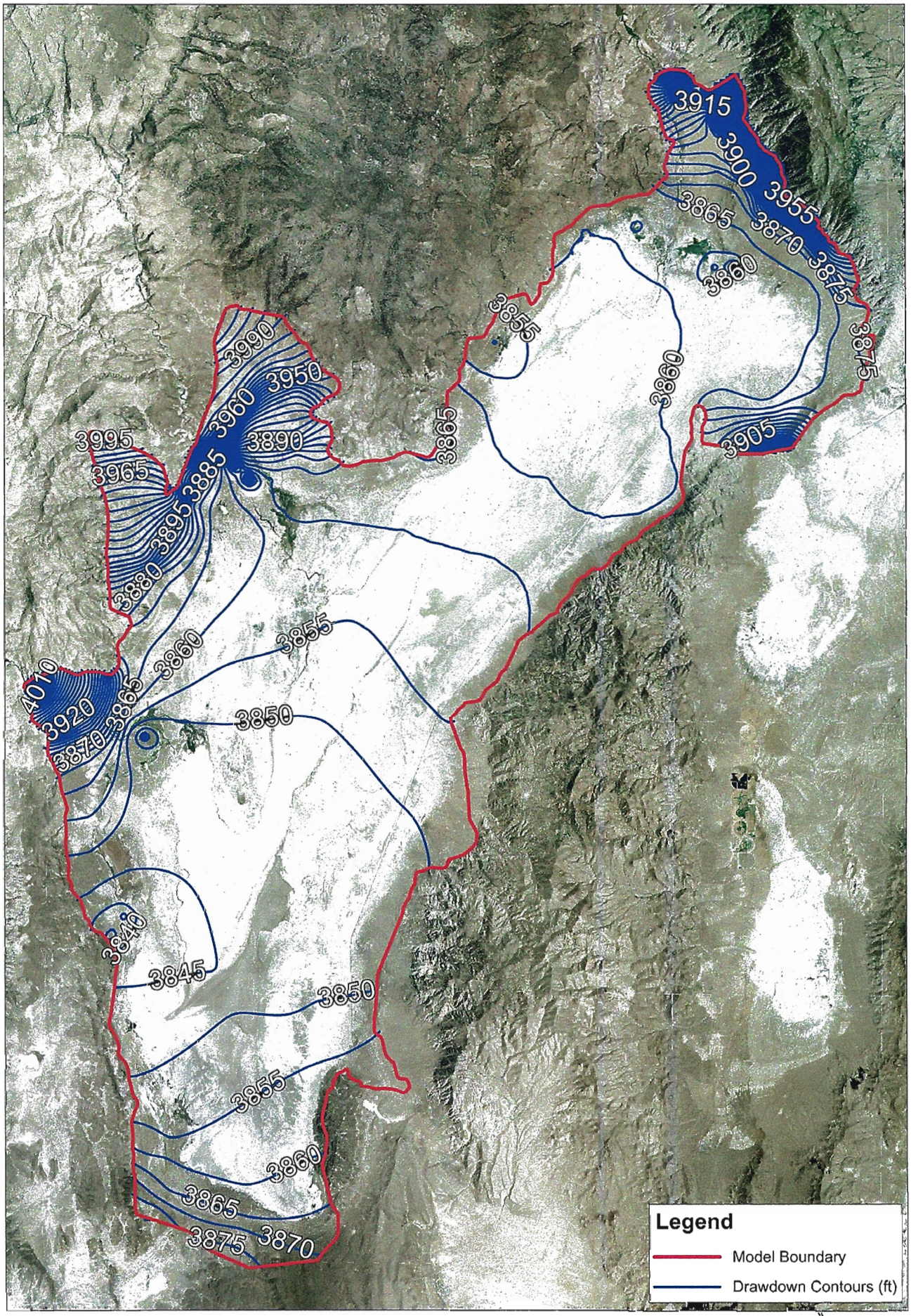


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Figure 7

Smoke Creek Desert Groundwater Model
Water Elevation Contours After 10 years of pumping

0 6,500 13,000 26,000 Feet

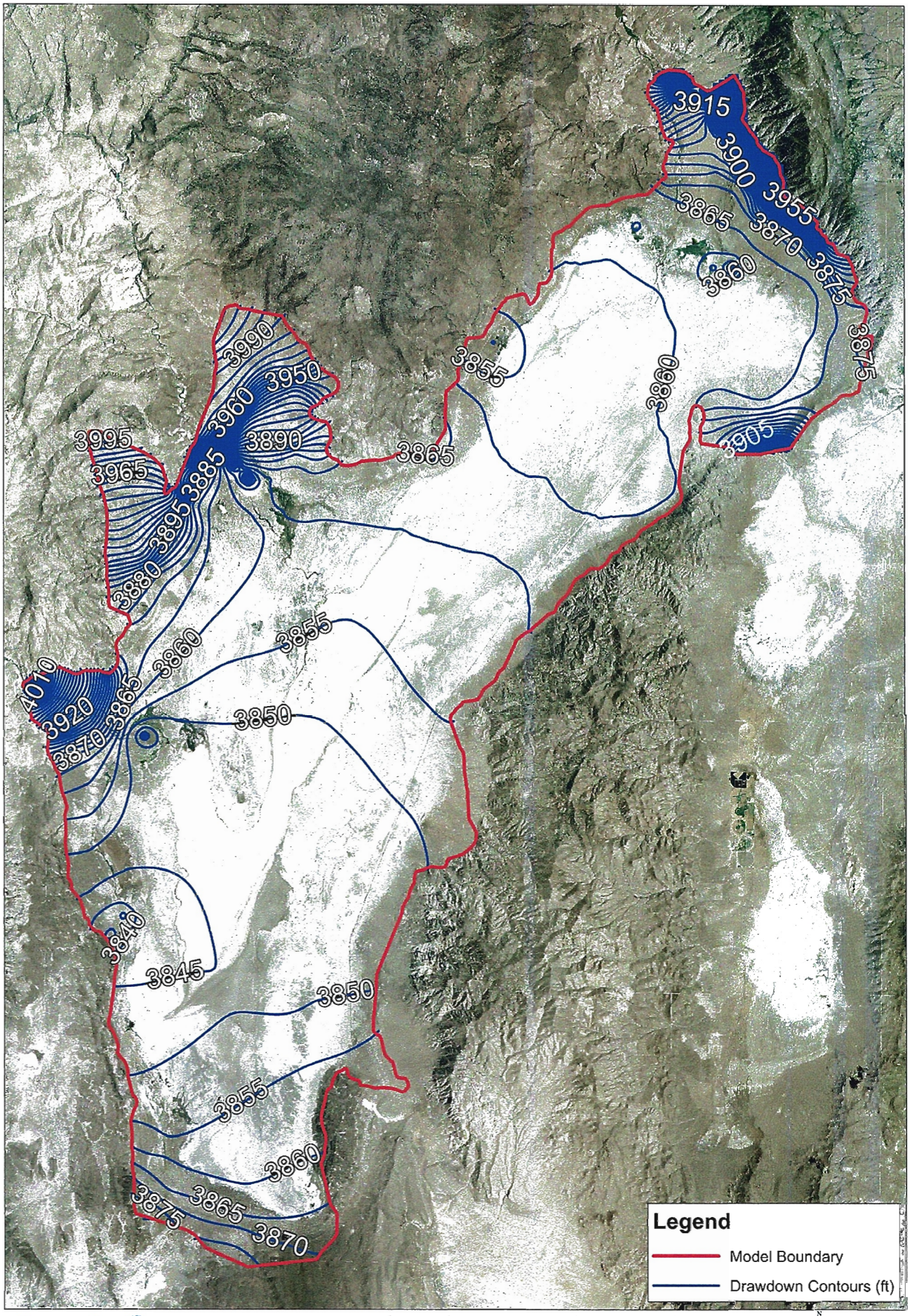


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Figure 8

Smoke Creek Desert Groundwater Model
Water Elevation Contours After 20 years of pumping

## 7.0 WATER RIGHTS

This section contains a water rights database for the Smoke Creek Desert groundwater basin. Highlighted on the State Engineer's office printout are the two Town of Gerlach permitted water rights, which are assigned to Railroad Spring and to Garden Springs. The two water right applications to appropriate additional water at the two springs are also highlighted.

To document the actual flow coming from these two springs, data loggers were installed to record water level fluctuations; two flow meters were then installed in the distribution pipeline. A calibration or rating curve graph was then established which calculated flow out of Garden Springs in gpm verses the measured water level recorded at the spring. This rating curve is included in Appendix A. Data from the Railroad Springs data logger and flow meter indicates the flow from the spring is very consistent at 200 gpm. A calibration or rating curve for Railroad Spring was not necessary due to its lack of fluctuation.

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# Appendix A

## Water level readings from Railroad and Garden Spring

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# Railroad Spring
## Water Level Measurements
## November 2007 - February 2009

Report Date: 2/27/09 15:33
Report User Name: david
Report Computer Na OFFICE_MAC

Log File Properties
File Name rs11-1-07 2009-02-25 13.55.04-1.wsl
Create Date 2/25/09 13:54

Device Properties
Device Level TROLLÆ 500
Site Railroad Springs
Device Name
Serial Number 106301
Firmware Version 2.02

Log Configuration
Log Name rs11-1-07
Created By Unknown
Computer Name Field PC
Application WinSituMobile.exe
Application Version 5.2.0.2
Create Date 11/1/07 12:23
Notes Size(bytes) 4096
Type Linear
Overwrite when full Disabled
Scheduled Start Time 11/1/07 20:00
Scheduled Stop No Stop Time
Interval Days: 0 Hours: 08 Mins: 00 Secs: 00
Level Reference Settings At Log Creation
Level Measurement Mode Depth
Specific Gravity 0.999

Record Count 1450

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/1/07 20:00 | 0 | 53.138 | 1.025 | 0.444 | -- |
| 11/2/07 4:00 | 8 | 53.133 | 1.022 | 0.443 | -0.003 |
| 11/2/07 12:00 | 16 | 53.140 | 1.022 | 0.443 | 0.000 |
| 11/2/07 20:00 | 24 | 53.142 | 1.022 | 0.443 | 0.000 |
| 11/3/07 4:00 | 32 | 53.130 | 1.022 | 0.443 | 0.000 |
| 11/3/07 12:00 | 40 | 53.137 | 1.019 | 0.442 | -0.003 |
| 11/3/07 20:00 | 48 | 53.135 | 1.022 | 0.442 | 0.003 |
| 11/4/07 4:00 | 56 | 53.133 | 1.023 | 0.443 | 0.001 |
| 11/4/07 12:00 | 64 | 53.132 | 1.021 | 0.442 | -0.002 |
| 11/4/07 20:00 | 72 | 53.133 | 1.023 | 0.443 | 0.002 |
| 11/5/07 4:00 | 80 | 53.135 | 1.022 | 0.442 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/5/07 12:00 | 88 | 53.136 | 1.021 | 0.442 | -0.001 |
| 11/5/07 20:00 | 96 | 53.134 | 1.022 | 0.442 | 0.001 |
| 11/6/07 4:00 | 104 | 53.131 | 1.022 | 0.443 | 0.000 |
| 11/6/07 12:00 | 112 | 53.136 | 1.021 | 0.442 | -0.001 |
| 11/6/07 20:00 | 120 | 53.138 | 1.024 | 0.443 | 0.003 |
| 11/7/07 4:00 | 128 | 53.136 | 1.020 | 0.442 | -0.004 |
| 11/7/07 12:00 | 136 | 53.141 | 1.021 | 0.442 | 0.001 |
| 11/7/07 20:00 | 144 | 53.135 | 1.021 | 0.442 | 0.000 |
| 11/8/07 4:00 | 152 | 53.137 | 1.019 | 0.441 | -0.002 |
| 11/8/07 12:00 | 160 | 53.143 | 1.022 | 0.443 | 0.003 |
| 11/8/07 20:00 | 168 | 53.143 | 1.021 | 0.442 | -0.001 |
| 11/9/07 4:00 | 176 | 53.147 | 1.019 | 0.441 | -0.002 |
| 11/9/07 12:00 | 184 | 53.139 | 1.020 | 0.442 | 0.001 |
| 11/9/07 20:00 | 192 | 53.137 | 1.022 | 0.442 | 0.002 |
| 11/10/07 4:00 | 200 | 53.139 | 1.017 | 0.441 | -0.005 |
| 11/10/07 12:00 | 208 | 53.138 | 1.020 | 0.442 | 0.003 |
| 11/10/07 20:00 | 216 | 53.142 | 1.018 | 0.441 | -0.002 |
| 11/11/07 4:00 | 224 | 53.143 | 1.017 | 0.440 | -0.001 |
| 11/11/07 12:00 | 232 | 53.139 | 1.018 | 0.441 | 0.001 |
| 11/11/07 20:00 | 240 | 53.141 | 1.016 | 0.440 | -0.002 |
| 11/12/07 4:00 | 248 | 53.137 | 1.014 | 0.439 | -0.002 |
| 11/12/07 12:00 | 256 | 53.139 | 1.016 | 0.440 | 0.002 |
| 11/12/07 20:00 | 264 | 53.143 | 1.017 | 0.440 | 0.001 |
| 11/13/07 4:00 | 272 | 53.149 | 1.014 | 0.439 | -0.003 |
| 11/13/07 12:00 | 280 | 53.147 | 1.017 | 0.440 | 0.003 |
| 11/13/07 20:00 | 288 | 53.150 | 1.016 | 0.440 | -0.001 |
| 11/14/07 4:00 | 296 | 53.147 | 1.013 | 0.439 | -0.003 |
| 11/14/07 12:00 | 304 | 53.144 | 1.017 | 0.440 | 0.004 |
| 11/14/07 20:00 | 312 | 53.141 | 1.016 | 0.440 | -0.001 |
| 11/15/07 4:00 | 320 | 53.144 | 1.017 | 0.440 | 0.001 |
| 11/15/07 12:00 | 328 | 53.146 | 1.018 | 0.441 | 0.001 |
| 11/15/07 20:00 | 336 | 53.142 | 1.018 | 0.441 | 0.000 |
| 11/16/07 4:00 | 344 | 53.147 | 1.016 | 0.440 | -0.002 |
| 11/16/07 12:00 | 352 | 53.145 | 1.017 | 0.441 | 0.001 |
| 11/16/07 20:00 | 360 | 53.148 | 1.016 | 0.440 | -0.001 |
| 11/17/07 4:00 | 368 | 53.144 | 1.019 | 0.441 | 0.003 |
| 11/17/07 12:00 | 376 | 53.147 | 1.018 | 0.441 | -0.001 |
| 11/17/07 20:00 | 384 | 53.149 | 1.018 | 0.441 | 0.000 |
| 11/18/07 4:00 | 392 | 53.144 | 1.017 | 0.441 | -0.001 |
| 11/18/07 12:00 | 400 | 53.157 | 1.017 | 0.441 | 0.000 |
| 11/18/07 20:00 | 408 | 53.154 | 1.019 | 0.441 | 0.002 |
| 11/19/07 4:00 | 416 | 53.144 | 1.017 | 0.440 | -0.002 |
| 11/19/07 12:00 | 424 | 53.147 | 1.019 | 0.441 | 0.002 |
| 11/19/07 20:00 | 432 | 53.140 | 1.015 | 0.439 | -0.004 |
| 11/20/07 4:00 | 440 | 53.132 | 1.016 | 0.440 | 0.001 |
| 11/20/07 12:00 | 448 | 53.130 | 1.014 | 0.439 | -0.002 |
| 11/20/07 20:00 | 456 | 53.129 | 1.012 | 0.438 | -0.002 |
| 11/21/07 4:00 | 464 | 53.130 | 1.013 | 0.439 | 0.001 |
| 11/21/07 12:00 | 472 | 53.128 | 1.013 | 0.439 | 0.000 |
| 11/21/07 20:00 | 480 | 53.130 | 1.015 | 0.439 | 0.002 |
| 11/22/07 4:00 | 488 | 53.118 | 1.016 | 0.440 | 0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/22/07 12:00 | 496 | 53.123 | 1.015 | 0.439 | -0.001 |
| 11/22/07 20:00 | 504 | 53.133 | 1.016 | 0.440 | 0.001 |
| 11/23/07 4:00 | 512 | 53.116 | 1.012 | 0.438 | -0.004 |
| 11/23/07 12:00 | 520 | 53.124 | 1.015 | 0.440 | 0.003 |
| 11/23/07 20:00 | 528 | 53.123 | 1.014 | 0.439 | -0.001 |
| 11/24/07 4:00 | 536 | 53.120 | 1.013 | 0.439 | -0.001 |
| 11/24/07 12:00 | 544 | 53.122 | 1.016 | 0.440 | 0.003 |
| 11/24/07 20:00 | 552 | 53.129 | 1.015 | 0.440 | -0.001 |
| 11/25/07 4:00 | 560 | 53.121 | 1.014 | 0.439 | -0.001 |
| 11/25/07 12:00 | 568 | 53.128 | 1.017 | 0.440 | 0.003 |
| 11/25/07 20:00 | 576 | 53.128 | 1.018 | 0.441 | 0.001 |
| 11/26/07 4:00 | 584 | 53.125 | 1.011 | 0.438 | -0.007 |
| 11/26/07 12:00 | 592 | 53.129 | 1.016 | 0.440 | 0.005 |
| 11/26/07 20:00 | 600 | 53.122 | 1.017 | 0.440 | 0.001 |
| 11/27/07 4:00 | 608 | 53.132 | 1.014 | 0.439 | -0.003 |
| 11/27/07 12:00 | 616 | 53.137 | 1.017 | 0.441 | 0.003 |
| 11/27/07 20:00 | 624 | 53.131 | 1.014 | 0.439 | -0.003 |
| 11/28/07 4:00 | 632 | 53.110 | 1.010 | 0.437 | -0.004 |
| 11/28/07 12:00 | 640 | 53.119 | 1.013 | 0.439 | 0.003 |
| 11/28/07 20:00 | 648 | 53.135 | 1.018 | 0.441 | 0.005 |
| 11/29/07 4:00 | 656 | 53.129 | 1.014 | 0.439 | -0.004 |
| 11/29/07 12:00 | 664 | 53.130 | 1.015 | 0.440 | 0.001 |
| 11/29/07 20:00 | 672 | 53.126 | 1.019 | 0.441 | 0.004 |
| 11/30/07 4:00 | 680 | 53.119 | 1.019 | 0.441 | 0.000 |
| 11/30/07 12:00 | 688 | 53.124 | 1.019 | 0.441 | 0.000 |
| 11/30/07 20:00 | 696 | 53.119 | 1.018 | 0.441 | -0.001 |
| 12/1/07 4:00 | 704 | 53.118 | 1.021 | 0.442 | 0.003 |
| 12/1/07 12:00 | 712 | 53.116 | 1.018 | 0.441 | -0.003 |
| 12/1/07 20:00 | 720 | 53.125 | 1.018 | 0.441 | 0.000 |
| 12/2/07 4:00 | 728 | 53.123 | 1.013 | 0.439 | -0.005 |
| 12/2/07 12:00 | 736 | 53.128 | 1.014 | 0.439 | 0.001 |
| 12/2/07 20:00 | 744 | 53.128 | 1.012 | 0.439 | -0.002 |
| 12/3/07 4:00 | 752 | 53.127 | 1.012 | 0.438 | 0.000 |
| 12/3/07 12:00 | 760 | 53.138 | 1.014 | 0.439 | 0.002 |
| 12/3/07 20:00 | 768 | 53.136 | 1.014 | 0.439 | 0.000 |
| 12/4/07 4:00 | 776 | 53.142 | 1.014 | 0.439 | 0.000 |
| 12/4/07 12:00 | 784 | 53.149 | 1.013 | 0.439 | -0.001 |
| 12/4/07 20:00 | 792 | 53.149 | 1.012 | 0.438 | -0.001 |
| 12/5/07 4:00 | 800 | 53.146 | 1.017 | 0.441 | 0.005 |
| 12/5/07 12:00 | 808 | 53.142 | 1.017 | 0.440 | 0.000 |
| 12/5/07 20:00 | 816 | 53.143 | 1.019 | 0.441 | 0.002 |
| 12/6/07 4:00 | 824 | 53.143 | 1.017 | 0.440 | -0.002 |
| 12/6/07 12:00 | 832 | 53.138 | 1.020 | 0.442 | 0.003 |
| 12/6/07 20:00 | 840 | 53.143 | 1.021 | 0.442 | 0.001 |
| 12/7/07 4:00 | 848 | 53.134 | 1.020 | 0.442 | -0.001 |
| 12/7/07 12:00 | 856 | 53.135 | 1.020 | 0.442 | 0.000 |
| 12/7/07 20:00 | 864 | 53.128 | 1.016 | 0.440 | -0.004 |
| 12/8/07 4:00 | 872 | 53.129 | 1.014 | 0.439 | -0.002 |
| 12/8/07 12:00 | 880 | 53.121 | 1.015 | 0.439 | 0.001 |
| 12/8/07 20:00 | 888 | 53.125 | 1.015 | 0.440 | 0.000 |
| 12/9/07 4:00 | 896 | 53.108 | 1.013 | 0.439 | -0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 12/9/07 12:00 | 904 | 53.114 | 1.014 | 0.439 | 0.001 |
| 12/9/07 20:00 | 912 | 53.121 | 1.014 | 0.439 | 0.000 |
| 12/10/07 4:00 | 920 | 53.118 | 1.014 | 0.439 | 0.000 |
| 12/10/07 12:00 | 928 | 53.125 | 1.016 | 0.440 | 0.002 |
| 12/10/07 20:00 | 936 | 53.120 | 1.016 | 0.440 | 0.000 |
| 12/11/07 4:00 | 944 | 53.112 | 1.011 | 0.438 | -0.005 |
| 12/11/07 12:00 | 952 | 53.113 | 1.015 | 0.440 | 0.004 |
| 12/11/07 20:00 | 960 | 53.119 | 1.013 | 0.439 | -0.002 |
| 12/12/07 4:00 | 968 | 53.115 | 1.011 | 0.438 | -0.002 |
| 12/12/07 12:00 | 976 | 53.115 | 1.014 | 0.439 | 0.003 |
| 12/12/07 20:00 | 984 | 53.125 | 1.015 | 0.439 | 0.001 |
| 12/13/07 4:00 | 992 | 53.113 | 1.010 | 0.438 | -0.005 |
| 12/13/07 12:00 | 1000 | 53.123 | 1.014 | 0.439 | 0.004 |
| 12/13/07 20:00 | 1008 | 53.125 | 1.015 | 0.439 | 0.001 |
| 12/14/07 4:00 | 1016 | 53.107 | 1.010 | 0.437 | -0.005 |
| 12/14/07 12:00 | 1024 | 53.113 | 1.013 | 0.439 | 0.003 |
| 12/14/07 20:00 | 1032 | 53.125 | 1.015 | 0.439 | 0.002 |
| 12/15/07 4:00 | 1040 | 53.118 | 1.013 | 0.439 | -0.002 |
| 12/15/07 12:00 | 1048 | 53.125 | 1.016 | 0.440 | 0.003 |
| 12/15/07 20:00 | 1056 | 53.127 | 1.015 | 0.439 | -0.001 |
| 12/16/07 4:00 | 1064 | 53.127 | 1.015 | 0.440 | 0.000 |
| 12/16/07 12:00 | 1072 | 53.127 | 1.020 | 0.442 | 0.005 |
| 12/16/07 20:00 | 1080 | 53.129 | 1.019 | 0.441 | -0.001 |
| 12/17/07 4:00 | 1088 | 53.126 | 1.016 | 0.440 | -0.003 |
| 12/17/07 12:00 | 1096 | 53.135 | 1.016 | 0.440 | 0.000 |
| 12/17/07 20:00 | 1104 | 53.134 | 1.015 | 0.440 | -0.001 |
| 12/18/07 4:00 | 1112 | 53.130 | 1.017 | 0.440 | 0.002 |
| 12/18/07 12:00 | 1120 | 53.141 | 1.016 | 0.440 | -0.001 |
| 12/18/07 20:00 | 1128 | 53.139 | 1.015 | 0.440 | -0.001 |
| 12/19/07 4:00 | 1136 | 53.140 | 1.018 | 0.441 | 0.003 |
| 12/19/07 12:00 | 1144 | 53.135 | 1.015 | 0.440 | -0.003 |
| 12/19/07 20:00 | 1152 | 53.134 | 1.013 | 0.439 | -0.002 |
| 12/20/07 4:00 | 1160 | 53.131 | 1.016 | 0.440 | 0.003 |
| 12/20/07 12:00 | 1168 | 53.129 | 1.015 | 0.440 | -0.001 |
| 12/20/07 20:00 | 1176 | 53.124 | 1.012 | 0.438 | -0.003 |
| 12/21/07 4:00 | 1184 | 53.114 | 1.011 | 0.438 | -0.001 |
| 12/21/07 12:00 | 1192 | 53.118 | 1.014 | 0.439 | 0.003 |
| 12/21/07 20:00 | 1200 | 53.117 | 1.010 | 0.437 | -0.004 |
| 12/22/07 4:00 | 1208 | 53.103 | 1.011 | 0.438 | 0.001 |
| 12/22/07 12:00 | 1216 | 53.116 | 1.014 | 0.439 | 0.003 |
| 12/22/07 20:00 | 1224 | 53.119 | 1.011 | 0.438 | -0.003 |
| 12/23/07 4:00 | 1232 | 53.115 | 1.010 | 0.437 | -0.001 |
| 12/23/07 12:00 | 1240 | 53.123 | 1.012 | 0.438 | 0.002 |
| 12/23/07 20:00 | 1248 | 53.137 | 1.012 | 0.438 | 0.000 |
| 12/24/07 4:00 | 1256 | 53.135 | 1.013 | 0.439 | 0.001 |
| 12/24/07 12:00 | 1264 | 53.132 | 1.013 | 0.439 | 0.000 |
| 12/24/07 20:00 | 1272 | 53.125 | 1.014 | 0.439 | 0.001 |
| 12/25/07 4:00 | 1280 | 53.099 | 1.010 | 0.437 | -0.004 |
| 12/25/07 12:00 | 1288 | 53.111 | 1.014 | 0.439 | 0.004 |
| 12/25/07 20:00 | 1296 | 53.123 | 1.019 | 0.441 | 0.005 |
| 12/26/07 4:00 | 1304 | 53.120 | 1.011 | 0.438 | -0.008 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 12/26/07 12:00 | 1312 | 53.120 | 1.016 | 0.440 | 0.005 |
| 12/26/07 20:00 | 1320 | 53.117 | 1.012 | 0.438 | -0.004 |
| 12/27/07 4:00 | 1328 | 53.101 | 1.012 | 0.438 | 0.000 |
| 12/27/07 12:00 | 1336 | 53.106 | 1.015 | 0.439 | 0.003 |
| 12/27/07 20:00 | 1344 | 53.114 | 1.019 | 0.441 | 0.004 |
| 12/28/07 4:00 | 1352 | 53.120 | 1.015 | 0.440 | -0.004 |
| 12/28/07 12:00 | 1360 | 53.123 | 1.016 | 0.440 | 0.001 |
| 12/28/07 20:00 | 1368 | 53.125 | 1.016 | 0.440 | 0.000 |
| 12/29/07 4:00 | 1376 | 53.121 | 1.017 | 0.440 | 0.001 |
| 12/29/07 12:00 | 1384 | 53.131 | 1.017 | 0.440 | 0.000 |
| 12/29/07 20:00 | 1392 | 53.139 | 1.016 | 0.440 | -0.001 |
| 12/30/07 4:00 | 1400 | 53.127 | 1.014 | 0.439 | -0.002 |
| 12/30/07 12:00 | 1408 | 53.127 | 1.014 | 0.439 | 0.000 |
| 12/30/07 20:00 | 1416 | 53.123 | 1.013 | 0.439 | -0.001 |
| 12/31/07 4:00 | 1424 | 53.112 | 1.012 | 0.438 | -0.001 |
| 12/31/07 12:00 | 1432 | 53.117 | 1.014 | 0.439 | 0.002 |
| 12/31/07 20:00 | 1440 | 53.116 | 1.011 | 0.438 | -0.003 |
| 1/1/08 4:00 | 1448 | 53.107 | 1.014 | 0.439 | 0.003 |
| 1/1/08 12:00 | 1456 | 53.121 | 1.013 | 0.439 | -0.001 |
| 1/1/08 20:00 | 1464 | 53.119 | 1.015 | 0.439 | 0.002 |
| 1/2/08 4:00 | 1472 | 53.117 | 1.018 | 0.441 | 0.003 |
| 1/2/08 12:00 | 1480 | 53.120 | 1.018 | 0.441 | 0.000 |
| 1/2/08 20:00 | 1488 | 53.121 | 1.017 | 0.441 | -0.001 |
| 1/3/08 4:00 | 1496 | 53.124 | 1.020 | 0.442 | 0.003 |
| 1/3/08 12:00 | 1504 | 53.126 | 1.022 | 0.443 | 0.002 |
| 1/3/08 20:00 | 1512 | 53.128 | 1.021 | 0.442 | -0.001 |
| 1/4/08 4:00 | 1520 | 53.132 | 1.022 | 0.443 | 0.001 |
| 1/4/08 12:00 | 1528 | 53.131 | 1.026 | 0.444 | 0.004 |
| 1/4/08 20:00 | 1536 | 53.129 | 1.022 | 0.443 | -0.004 |
| 1/5/08 4:00 | 1544 | 53.125 | 1.022 | 0.443 | 0.000 |
| 1/5/08 12:00 | 1552 | 53.124 | 1.021 | 0.442 | -0.001 |
| 1/5/08 20:00 | 1560 | 53.129 | 1.022 | 0.443 | 0.001 |
| 1/6/08 4:00 | 1568 | 53.131 | 1.020 | 0.442 | -0.002 |
| 1/6/08 12:00 | 1576 | 53.119 | 1.021 | 0.442 | 0.001 |
| 1/6/08 20:00 | 1584 | 53.119 | 1.020 | 0.442 | -0.001 |
| 1/7/08 4:00 | 1592 | 53.120 | 1.018 | 0.441 | -0.002 |
| 1/7/08 12:00 | 1600 | 53.116 | 1.018 | 0.441 | 0.000 |
| 1/7/08 20:00 | 1608 | 53.121 | 1.015 | 0.440 | -0.003 |
| 1/8/08 4:00 | 1616 | 53.123 | 1.015 | 0.439 | 0.000 |
| 1/8/08 12:00 | 1624 | 53.124 | 1.019 | 0.441 | 0.004 |
| 1/8/08 20:00 | 1632 | 53.128 | 1.020 | 0.442 | 0.001 |
| 1/9/08 4:00 | 1640 | 53.125 | 1.017 | 0.441 | -0.003 |
| 1/9/08 12:00 | 1648 | 53.129 | 1.017 | 0.440 | 0.000 |
| 1/9/08 20:00 | 1656 | 53.129 | 1.018 | 0.441 | 0.001 |
| 1/10/08 4:00 | 1664 | 53.124 | 1.014 | 0.439 | -0.004 |
| 1/10/08 12:00 | 1672 | 53.134 | 1.018 | 0.441 | 0.004 |
| 1/10/08 20:00 | 1680 | 53.136 | 1.019 | 0.441 | 0.001 |
| 1/11/08 4:00 | 1688 | 53.134 | 1.016 | 0.440 | -0.003 |
| 1/11/08 12:00 | 1696 | 53.132 | 1.017 | 0.441 | 0.001 |
| 1/11/08 20:00 | 1704 | 53.136 | 1.021 | 0.442 | 0.004 |
| 1/12/08 4:00 | 1712 | 53.131 | 1.017 | 0.440 | -0.004 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/12/08 12:00 | 1720 | 53.131 | 1.020 | 0.442 | 0.003 |
| 1/12/08 20:00 | 1728 | 53.138 | 1.019 | 0.442 | -0.001 |
| 1/13/08 4:00 | 1736 | 53.128 | 1.018 | 0.441 | -0.001 |
| 1/13/08 12:00 | 1744 | 53.133 | 1.019 | 0.441 | 0.001 |
| 1/13/08 20:00 | 1752 | 53.128 | 1.015 | 0.440 | -0.004 |
| 1/14/08 4:00 | 1760 | 53.119 | 1.015 | 0.439 | 0.000 |
| 1/14/08 12:00 | 1768 | 53.123 | 1.017 | 0.440 | 0.002 |
| 1/14/08 20:00 | 1776 | 53.121 | 1.016 | 0.440 | -0.001 |
| 1/15/08 4:00 | 1784 | 53.124 | 1.018 | 0.441 | 0.002 |
| 1/15/08 12:00 | 1792 | 53.128 | 1.016 | 0.440 | -0.002 |
| 1/15/08 20:00 | 1800 | 53.120 | 1.017 | 0.440 | 0.001 |
| 1/16/08 4:00 | 1808 | 53.107 | 1.018 | 0.441 | 0.001 |
| 1/16/08 12:00 | 1816 | 53.116 | 1.018 | 0.441 | 0.000 |
| 1/16/08 20:00 | 1824 | 53.110 | 1.015 | 0.439 | -0.003 |
| 1/17/08 4:00 | 1832 | 53.111 | 1.017 | 0.441 | 0.002 |
| 1/17/08 12:00 | 1840 | 53.113 | 1.019 | 0.441 | 0.002 |
| 1/17/08 20:00 | 1848 | 53.114 | 1.017 | 0.440 | -0.002 |
| 1/18/08 4:00 | 1856 | 53.112 | 1.019 | 0.441 | 0.002 |
| 1/18/08 12:00 | 1864 | 53.113 | 1.020 | 0.442 | 0.001 |
| 1/18/08 20:00 | 1872 | 53.119 | 1.017 | 0.440 | -0.003 |
| 1/19/08 4:00 | 1880 | 53.119 | 1.017 | 0.441 | 0.000 |
| 1/19/08 12:00 | 1888 | 53.119 | 1.019 | 0.441 | 0.002 |
| 1/19/08 20:00 | 1896 | 53.120 | 1.021 | 0.442 | 0.002 |
| 1/20/08 4:00 | 1904 | 53.126 | 1.023 | 0.443 | 0.002 |
| 1/20/08 12:00 | 1912 | 53.124 | 1.027 | 0.445 | 0.004 |
| 1/20/08 20:00 | 1920 | 53.118 | 1.025 | 0.444 | -0.002 |
| 1/21/08 4:00 | 1928 | 53.125 | 1.022 | 0.443 | -0.003 |
| 1/21/08 12:00 | 1936 | 53.119 | 1.023 | 0.443 | 0.001 |
| 1/21/08 20:00 | 1944 | 53.119 | 1.024 | 0.443 | 0.001 |
| 1/22/08 4:00 | 1952 | 53.113 | 1.019 | 0.441 | -0.005 |
| 1/22/08 12:00 | 1960 | 53.111 | 1.019 | 0.442 | 0.000 |
| 1/22/08 20:00 | 1968 | 53.115 | 1.023 | 0.443 | 0.004 |
| 1/23/08 4:00 | 1976 | 53.108 | 1.017 | 0.440 | -0.006 |
| 1/23/08 12:00 | 1984 | 53.113 | 1.021 | 0.442 | 0.004 |
| 1/23/08 20:00 | 1992 | 53.113 | 1.024 | 0.444 | 0.003 |
| 1/24/08 4:00 | 2000 | 53.116 | 1.023 | 0.443 | -0.001 |
| 1/24/08 12:00 | 2008 | 53.115 | 1.025 | 0.444 | 0.002 |
| 1/24/08 20:00 | 2016 | 53.118 | 1.029 | 0.446 | 0.004 |
| 1/25/08 4:00 | 2024 | 53.117 | 1.023 | 0.443 | -0.006 |
| 1/25/08 12:00 | 2032 | 53.118 | 1.023 | 0.443 | 0.000 |
| 1/25/08 20:00 | 2040 | 53.124 | 1.022 | 0.443 | -0.001 |
| 1/26/08 4:00 | 2048 | 53.129 | 1.022 | 0.443 | 0.000 |
| 1/26/08 12:00 | 2056 | 53.128 | 1.024 | 0.443 | 0.002 |
| 1/26/08 20:00 | 2064 | 53.133 | 1.025 | 0.444 | 0.001 |
| 1/27/08 4:00 | 2072 | 53.130 | 1.025 | 0.444 | 0.000 |
| 1/27/08 12:00 | 2080 | 53.131 | 1.029 | 0.446 | 0.004 |
| 1/27/08 20:00 | 2088 | 53.121 | 1.029 | 0.446 | 0.000 |
| 1/28/08 4:00 | 2096 | 53.119 | 1.026 | 0.445 | -0.003 |
| 1/28/08 12:00 | 2104 | 53.119 | 1.026 | 0.444 | 0.000 |
| 1/28/08 20:00 | 2112 | 53.119 | 1.019 | 0.441 | -0.007 |
| 1/29/08 4:00 | 2120 | 53.116 | 1.021 | 0.442 | 0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/29/08 12:00 | 2128 | 53.119 | 1.024 | 0.443 | 0.003 |
| 1/29/08 20:00 | 2136 | 53.119 | 1.020 | 0.442 | -0.004 |
| 1/30/08 4:00 | 2144 | 53.114 | 1.022 | 0.443 | 0.002 |
| 1/30/08 12:00 | 2152 | 53.110 | 1.018 | 0.441 | -0.004 |
| 1/30/08 20:00 | 2160 | 53.125 | 1.020 | 0.442 | 0.002 |
| 1/31/08 4:00 | 2168 | 53.121 | 1.020 | 0.442 | 0.000 |
| 1/31/08 12:00 | 2176 | 53.122 | 1.024 | 0.443 | 0.004 |
| 1/31/08 20:00 | 2184 | 53.128 | 1.022 | 0.443 | -0.002 |
| 2/1/08 4:00 | 2192 | 53.122 | 1.021 | 0.442 | -0.001 |
| 2/1/08 12:00 | 2200 | 53.122 | 1.022 | 0.442 | 0.001 |
| 2/1/08 20:00 | 2208 | 53.121 | 1.024 | 0.443 | 0.002 |
| 2/2/08 4:00 | 2216 | 53.119 | 1.023 | 0.443 | -0.001 |
| 2/2/08 12:00 | 2224 | 53.112 | 1.023 | 0.443 | 0.000 |
| 2/2/08 20:00 | 2232 | 53.123 | 1.026 | 0.444 | 0.003 |
| 2/3/08 4:00 | 2240 | 53.125 | 1.029 | 0.445 | 0.003 |
| 2/3/08 12:00 | 2248 | 53.127 | 1.027 | 0.445 | -0.002 |
| 2/3/08 20:00 | 2256 | 53.122 | 1.025 | 0.444 | -0.002 |
| 2/4/08 4:00 | 2264 | 53.109 | 1.023 | 0.443 | -0.002 |
| 2/4/08 12:00 | 2272 | 53.113 | 1.018 | 0.441 | -0.005 |
| 2/4/08 20:00 | 2280 | 53.114 | 1.021 | 0.442 | 0.003 |
| 2/5/08 4:00 | 2288 | 53.107 | 1.018 | 0.441 | -0.003 |
| 2/5/08 12:00 | 2296 | 53.110 | 1.019 | 0.441 | 0.001 |
| 2/5/08 20:00 | 2304 | 53.122 | 1.023 | 0.443 | 0.004 |
| 2/6/08 4:00 | 2312 | 53.122 | 1.019 | 0.441 | -0.004 |
| 2/6/08 12:00 | 2320 | 53.125 | 1.019 | 0.441 | 0.000 |
| 2/6/08 20:00 | 2328 | 53.120 | 1.022 | 0.443 | 0.003 |
| 2/7/08 4:00 | 2336 | 53.130 | 1.020 | 0.442 | -0.002 |
| 2/7/08 12:00 | 2344 | 53.133 | 1.023 | 0.443 | 0.003 |
| 2/7/08 20:00 | 2352 | 53.129 | 1.024 | 0.444 | 0.001 |
| 2/8/08 4:00 | 2360 | 53.127 | 1.020 | 0.442 | -0.004 |
| 2/8/08 12:00 | 2368 | 53.123 | 1.021 | 0.442 | 0.001 |
| 2/8/08 20:00 | 2376 | 53.134 | 1.024 | 0.443 | 0.003 |
| 2/9/08 4:00 | 2384 | 53.123 | 1.021 | 0.442 | -0.003 |
| 2/9/08 12:00 | 2392 | 53.128 | 1.021 | 0.442 | 0.000 |
| 2/9/08 20:00 | 2400 | 53.137 | 1.023 | 0.443 | 0.002 |
| 2/10/08 4:00 | 2408 | 53.130 | 1.020 | 0.442 | -0.003 |
| 2/10/08 12:00 | 2416 | 53.134 | 1.022 | 0.443 | 0.002 |
| 2/10/08 20:00 | 2424 | 53.136 | 1.025 | 0.444 | 0.003 |
| 2/11/08 4:00 | 2432 | 53.140 | 1.024 | 0.443 | -0.001 |
| 2/11/08 12:00 | 2440 | 53.138 | 1.023 | 0.443 | -0.001 |
| 2/11/08 20:00 | 2448 | 53.148 | 1.024 | 0.444 | 0.001 |
| 2/12/08 4:00 | 2456 | 53.142 | 1.023 | 0.443 | -0.001 |
| 2/12/08 12:00 | 2464 | 53.137 | 1.025 | 0.444 | 0.002 |
| 2/12/08 20:00 | 2472 | 53.143 | 1.023 | 0.443 | -0.002 |
| 2/13/08 4:00 | 2480 | 53.136 | 1.027 | 0.445 | 0.004 |
| 2/13/08 12:00 | 2488 | 53.126 | 1.029 | 0.446 | 0.002 |
| 2/13/08 20:00 | 2496 | 53.125 | 1.024 | 0.443 | -0.005 |
| 2/14/08 4:00 | 2504 | 53.115 | 1.025 | 0.444 | 0.001 |
| 2/14/08 12:00 | 2512 | 53.124 | 1.022 | 0.443 | -0.003 |
| 2/14/08 20:00 | 2520 | 53.124 | 1.022 | 0.443 | 0.000 |
| 2/15/08 4:00 | 2528 | 53.119 | 1.023 | 0.443 | 0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 2/15/08 12:00 | 2536 | 53.122 | 1.023 | 0.443 | 0.000 |
| 2/15/08 20:00 | 2544 | 53.136 | 1.021 | 0.442 | -0.002 |
| 2/16/08 4:00 | 2552 | 53.127 | 1.024 | 0.444 | 0.003 |
| 2/16/08 12:00 | 2560 | 53.133 | 1.026 | 0.444 | 0.002 |
| 2/16/08 20:00 | 2568 | 53.140 | 1.026 | 0.444 | 0.000 |
| 2/17/08 4:00 | 2576 | 53.132 | 1.025 | 0.444 | -0.001 |
| 2/17/08 12:00 | 2584 | 53.131 | 1.023 | 0.443 | -0.002 |
| 2/17/08 20:00 | 2592 | 53.141 | 1.025 | 0.444 | 0.002 |
| 2/18/08 4:00 | 2600 | 53.131 | 1.026 | 0.444 | 0.001 |
| 2/18/08 12:00 | 2608 | 53.133 | 1.024 | 0.444 | -0.002 |
| 2/18/08 20:00 | 2616 | 53.139 | 1.025 | 0.444 | 0.001 |
| 2/19/08 4:00 | 2624 | 53.132 | 1.024 | 0.443 | -0.001 |
| 2/19/08 12:00 | 2632 | 53.138 | 1.024 | 0.444 | 0.000 |
| 2/19/08 20:00 | 2640 | 53.136 | 1.028 | 0.445 | 0.004 |
| 2/20/08 4:00 | 2648 | 53.142 | 1.025 | 0.444 | -0.003 |
| 2/20/08 12:00 | 2656 | 53.137 | 1.028 | 0.445 | 0.003 |
| 2/20/08 20:00 | 2664 | 53.140 | 1.027 | 0.445 | -0.001 |
| 2/21/08 4:00 | 2672 | 53.131 | 1.026 | 0.444 | -0.001 |
| 2/21/08 12:00 | 2680 | 53.131 | 1.028 | 0.445 | 0.002 |
| 2/21/08 20:00 | 2688 | 53.135 | 1.031 | 0.447 | 0.003 |
| 2/22/08 4:00 | 2696 | 53.135 | 1.029 | 0.446 | -0.002 |
| 2/22/08 12:00 | 2704 | 53.134 | 1.028 | 0.445 | -0.001 |
| 2/22/08 20:00 | 2712 | 53.135 | 1.028 | 0.445 | 0.000 |
| 2/23/08 4:00 | 2720 | 53.131 | 1.023 | 0.443 | -0.005 |
| 2/23/08 12:00 | 2728 | 53.128 | 1.025 | 0.444 | 0.002 |
| 2/23/08 20:00 | 2736 | 53.130 | 1.028 | 0.445 | 0.003 |
| 2/24/08 4:00 | 2744 | 53.129 | 1.029 | 0.445 | 0.001 |
| 2/24/08 12:00 | 2752 | 53.128 | 1.026 | 0.445 | -0.003 |
| 2/24/08 20:00 | 2760 | 53.137 | 1.028 | 0.445 | 0.002 |
| 2/25/08 4:00 | 2768 | 53.132 | 1.022 | 0.443 | -0.006 |
| 2/25/08 12:00 | 2776 | 53.130 | 1.021 | 0.442 | -0.001 |
| 2/25/08 20:00 | 2784 | 53.142 | 1.021 | 0.442 | 0.000 |
| 2/26/08 4:00 | 2792 | 53.139 | 1.023 | 0.443 | 0.002 |
| 2/26/08 12:00 | 2800 | 53.137 | 1.023 | 0.443 | 0.000 |
| 2/26/08 20:00 | 2808 | 53.146 | 1.022 | 0.442 | -0.001 |
| 2/27/08 4:00 | 2816 | 53.144 | 1.023 | 0.443 | 0.001 |
| 2/27/08 12:00 | 2824 | 53.139 | 1.025 | 0.444 | 0.002 |
| 2/27/08 20:00 | 2832 | 53.146 | 1.024 | 0.443 | -0.001 |
| 2/28/08 4:00 | 2840 | 53.136 | 1.027 | 0.445 | 0.003 |
| 2/28/08 12:00 | 2848 | 53.143 | 1.026 | 0.444 | -0.001 |
| 2/28/08 20:00 | 2856 | 53.147 | 1.025 | 0.444 | -0.001 |
| 2/29/08 4:00 | 2864 | 53.143 | 1.026 | 0.444 | 0.001 |
| 2/29/08 12:00 | 2872 | 53.140 | 1.026 | 0.444 | 0.000 |
| 2/29/08 20:00 | 2880 | 53.151 | 1.024 | 0.444 | -0.002 |
| 3/1/08 4:00 | 2888 | 53.145 | 1.027 | 0.445 | 0.003 |
| 3/1/08 12:00 | 2896 | 53.136 | 1.024 | 0.444 | -0.003 |
| 3/1/08 20:00 | 2904 | 53.133 | 1.023 | 0.443 | -0.001 |
| 3/2/08 4:00 | 2912 | 53.131 | 1.024 | 0.444 | 0.001 |
| 3/2/08 12:00 | 2920 | 53.125 | 1.022 | 0.443 | -0.002 |
| 3/2/08 20:00 | 2928 | 53.125 | 1.021 | 0.442 | -0.001 |
| 3/3/08 4:00 | 2936 | 53.119 | 1.022 | 0.443 | 0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 3/3/08 12:00 | 2944 | 53.123 | 1.022 | 0.442 | 0.000 |
| 3/3/08 20:00 | 2952 | 53.137 | 1.023 | 0.443 | 0.001 |
| 3/4/08 4:00 | 2960 | 53.130 | 1.024 | 0.443 | 0.001 |
| 3/4/08 12:00 | 2968 | 53.124 | 1.025 | 0.444 | 0.001 |
| 3/4/08 20:00 | 2976 | 53.136 | 1.026 | 0.444 | 0.001 |
| 3/5/08 4:00 | 2984 | 53.119 | 1.024 | 0.444 | -0.002 |
| 3/5/08 12:00 | 2992 | 53.120 | 1.023 | 0.443 | -0.001 |
| 3/5/08 20:00 | 3000 | 53.132 | 1.025 | 0.444 | 0.002 |
| 3/6/08 4:00 | 3008 | 53.121 | 1.022 | 0.443 | -0.003 |
| 3/6/08 12:00 | 3016 | 53.125 | 1.022 | 0.443 | 0.000 |
| 3/6/08 20:00 | 3024 | 53.132 | 1.024 | 0.444 | 0.002 |
| 3/7/08 4:00 | 3032 | 53.124 | 1.023 | 0.443 | -0.001 |
| 3/7/08 12:00 | 3040 | 53.125 | 1.023 | 0.443 | 0.000 |
| 3/7/08 20:00 | 3048 | 53.137 | 1.026 | 0.444 | 0.003 |
| 3/8/08 4:00 | 3056 | 53.136 | 1.023 | 0.443 | -0.003 |
| 3/8/08 12:00 | 3064 | 53.135 | 1.027 | 0.445 | 0.004 |
| 3/8/08 20:00 | 3072 | 53.144 | 1.025 | 0.444 | -0.002 |
| 3/9/08 4:00 | 3080 | 53.134 | 1.021 | 0.442 | -0.004 |
| 3/9/08 12:00 | 3088 | 53.136 | 1.026 | 0.444 | 0.005 |
| 3/9/08 20:00 | 3096 | 53.142 | 1.024 | 0.443 | -0.002 |
| 3/10/08 4:00 | 3104 | 53.136 | 1.023 | 0.443 | -0.001 |
| 3/10/08 12:00 | 3112 | 53.143 | 1.022 | 0.443 | -0.001 |
| 3/10/08 20:00 | 3120 | 53.144 | 1.023 | 0.443 | 0.001 |
| 3/11/08 4:00 | 3128 | 53.149 | 1.025 | 0.444 | 0.002 |
| 3/11/08 12:00 | 3136 | 53.142 | 1.023 | 0.443 | -0.002 |
| 3/11/08 20:00 | 3144 | 53.148 | 1.025 | 0.444 | 0.002 |
| 3/12/08 4:00 | 3152 | 53.144 | 1.026 | 0.444 | 0.001 |
| 3/12/08 12:00 | 3160 | 53.144 | 1.025 | 0.444 | -0.001 |
| 3/12/08 20:00 | 3168 | 53.148 | 1.025 | 0.444 | 0.000 |
| 3/13/08 4:00 | 3176 | 53.148 | 1.027 | 0.445 | 0.002 |
| 3/13/08 12:00 | 3184 | 53.145 | 1.026 | 0.444 | -0.001 |
| 3/13/08 20:00 | 3192 | 53.139 | 1.025 | 0.444 | -0.001 |
| 3/14/08 4:00 | 3200 | 53.131 | 1.027 | 0.445 | 0.002 |
| 3/14/08 12:00 | 3208 | 53.132 | 1.026 | 0.444 | -0.001 |
| 3/14/08 20:00 | 3216 | 53.139 | 1.024 | 0.444 | -0.002 |
| 3/15/08 4:00 | 3224 | 53.131 | 1.027 | 0.445 | 0.003 |
| 3/15/08 12:00 | 3232 | 53.120 | 1.028 | 0.445 | 0.001 |
| 3/15/08 20:00 | 3240 | 53.122 | 1.024 | 0.443 | -0.004 |
| 3/16/08 4:00 | 3248 | 53.120 | 1.026 | 0.444 | 0.002 |
| 3/16/08 12:00 | 3256 | 53.120 | 1.023 | 0.443 | -0.003 |
| 3/16/08 20:00 | 3264 | 53.125 | 1.022 | 0.443 | -0.001 |
| 3/17/08 4:00 | 3272 | 53.123 | 1.023 | 0.443 | 0.001 |
| 3/17/08 12:00 | 3280 | 53.119 | 1.021 | 0.442 | -0.002 |
| 3/17/08 20:00 | 3288 | 53.138 | 1.022 | 0.443 | 0.001 |
| 3/18/08 4:00 | 3296 | 53.133 | 1.022 | 0.443 | 0.000 |
| 3/18/08 12:00 | 3304 | 53.136 | 1.021 | 0.442 | -0.001 |
| 3/18/08 20:00 | 3312 | 53.138 | 1.025 | 0.444 | 0.004 |
| 3/19/08 4:00 | 3320 | 53.136 | 1.024 | 0.444 | -0.001 |
| 3/19/08 12:00 | 3328 | 53.123 | 1.024 | 0.443 | 0.000 |
| 3/19/08 20:00 | 3336 | 53.112 | 1.025 | 0.444 | 0.001 |
| 3/20/08 4:00 | 3344 | 53.116 | 1.023 | 0.443 | -0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 3/20/08 12:00 | 3352 | 53.113 | 1.022 | 0.443 | -0.001 |
| 3/20/08 20:00 | 3360 | 53.116 | 1.025 | 0.444 | 0.003 |
| 3/21/08 4:00 | 3368 | 53.118 | 1.021 | 0.442 | -0.004 |
| 3/21/08 12:00 | 3376 | 53.114 | 1.020 | 0.442 | -0.001 |
| 3/21/08 20:00 | 3384 | 53.126 | 1.023 | 0.443 | 0.003 |
| 3/22/08 4:00 | 3392 | 53.118 | 1.022 | 0.443 | -0.001 |
| 3/22/08 12:00 | 3400 | 53.117 | 1.020 | 0.442 | -0.002 |
| 3/22/08 20:00 | 3408 | 53.126 | 1.024 | 0.444 | 0.004 |
| 3/23/08 4:00 | 3416 | 53.114 | 1.023 | 0.443 | -0.001 |
| 3/23/08 12:00 | 3424 | 53.122 | 1.022 | 0.443 | -0.001 |
| 3/23/08 20:00 | 3432 | 53.132 | 1.026 | 0.444 | 0.004 |
| 3/24/08 4:00 | 3440 | 53.127 | 1.026 | 0.444 | 0.000 |
| 3/24/08 12:00 | 3448 | 53.130 | 1.024 | 0.443 | -0.002 |
| 3/24/08 20:00 | 3456 | 53.131 | 1.025 | 0.444 | 0.001 |
| 3/25/08 4:00 | 3464 | 53.127 | 1.025 | 0.444 | 0.000 |
| 3/25/08 12:00 | 3472 | 53.127 | 1.024 | 0.444 | -0.001 |
| 3/25/08 20:00 | 3480 | 53.127 | 1.025 | 0.444 | 0.001 |
| 3/26/08 4:00 | 3488 | 53.113 | 1.027 | 0.445 | 0.002 |
| 3/26/08 12:00 | 3496 | 53.110 | 1.024 | 0.444 | -0.003 |
| 3/26/08 20:00 | 3504 | 53.106 | 1.024 | 0.444 | 0.000 |
| 3/27/08 4:00 | 3512 | 53.090 | 1.023 | 0.443 | -0.001 |
| 3/27/08 12:00 | 3520 | 53.095 | 1.020 | 0.442 | -0.003 |
| 3/27/08 20:00 | 3528 | 53.101 | 1.023 | 0.443 | 0.003 |
| 3/28/08 4:00 | 3536 | 53.093 | 1.026 | 0.444 | 0.003 |
| 3/28/08 12:00 | 3544 | 53.099 | 1.026 | 0.445 | 0.000 |
| 3/28/08 20:00 | 3552 | 53.107 | 1.025 | 0.444 | -0.001 |
| 3/29/08 4:00 | 3560 | 53.106 | 1.026 | 0.444 | 0.001 |
| 3/29/08 12:00 | 3568 | 53.105 | 1.025 | 0.444 | -0.001 |
| 3/29/08 20:00 | 3576 | 53.107 | 1.024 | 0.444 | -0.001 |
| 3/30/08 4:00 | 3584 | 53.102 | 1.024 | 0.443 | 0.000 |
| 3/30/08 12:00 | 3592 | 53.104 | 1.024 | 0.443 | 0.000 |
| 3/30/08 20:00 | 3600 | 53.095 | 1.021 | 0.442 | -0.003 |
| 3/31/08 4:00 | 3608 | 53.092 | 1.020 | 0.442 | -0.001 |
| 3/31/08 12:00 | 3616 | 53.083 | 1.021 | 0.442 | 0.001 |
| 3/31/08 20:00 | 3624 | 53.098 | 1.020 | 0.442 | -0.001 |
| 4/1/08 4:00 | 3632 | 53.099 | 1.022 | 0.443 | 0.002 |
| 4/1/08 12:00 | 3640 | 53.096 | 1.022 | 0.443 | 0.000 |
| 4/1/08 20:00 | 3648 | 53.105 | 1.021 | 0.442 | -0.001 |
| 4/2/08 4:00 | 3656 | 53.101 | 1.024 | 0.444 | 0.003 |
| 4/2/08 12:00 | 3664 | 53.106 | 1.022 | 0.443 | -0.002 |
| 4/2/08 20:00 | 3672 | 53.113 | 1.025 | 0.444 | 0.003 |
| 4/3/08 4:00 | 3680 | 53.107 | 1.021 | 0.442 | -0.004 |
| 4/3/08 12:00 | 3688 | 53.105 | 1.019 | 0.441 | -0.002 |
| 4/3/08 20:00 | 3696 | 53.116 | 1.022 | 0.443 | 0.003 |
| 4/4/08 4:00 | 3704 | 53.107 | 1.022 | 0.443 | 0.000 |
| 4/4/08 12:00 | 3712 | 53.103 | 1.022 | 0.443 | 0.000 |
| 4/4/08 20:00 | 3720 | 53.107 | 1.025 | 0.444 | 0.003 |
| 4/5/08 4:00 | 3728 | 53.101 | 1.023 | 0.443 | -0.002 |
| 4/5/08 12:00 | 3736 | 53.101 | 1.019 | 0.441 | -0.004 |
| 4/5/08 20:00 | 3744 | 53.108 | 1.026 | 0.444 | 0.007 |
| 4/6/08 4:00 | 3752 | 53.109 | 1.023 | 0.443 | -0.003 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 4/6/08 12:00 | 3760 | 53.101 | 1.020 | 0.442 | -0.003 |
| 4/6/08 20:00 | 3768 | 53.101 | 1.025 | 0.444 | 0.005 |
| 4/7/08 4:00 | 3776 | 53.098 | 1.022 | 0.443 | -0.003 |
| 4/7/08 12:00 | 3784 | 53.086 | 1.019 | 0.441 | -0.003 |
| 4/7/08 20:00 | 3792 | 53.095 | 1.023 | 0.443 | 0.004 |
| 4/8/08 4:00 | 3800 | 53.089 | 1.025 | 0.444 | 0.002 |
| 4/8/08 12:00 | 3808 | 53.096 | 1.022 | 0.443 | -0.003 |
| 4/8/08 20:00 | 3816 | 53.089 | 1.024 | 0.443 | 0.002 |
| 4/9/08 4:00 | 3824 | 53.083 | 1.022 | 0.443 | -0.002 |
| 4/9/08 12:00 | 3832 | 53.077 | 1.021 | 0.442 | -0.001 |
| 4/9/08 20:00 | 3840 | 53.096 | 1.022 | 0.442 | 0.001 |
| 4/10/08 4:00 | 3848 | 53.091 | 1.021 | 0.442 | -0.001 |
| 4/10/08 12:00 | 3856 | 53.093 | 1.019 | 0.441 | -0.002 |
| 4/10/08 20:00 | 3864 | 53.096 | 1.018 | 0.441 | -0.001 |
| 4/11/08 4:00 | 3872 | 53.086 | 1.020 | 0.442 | 0.002 |
| 4/11/08 12:00 | 3880 | 53.098 | 1.019 | 0.441 | -0.001 |
| 4/11/08 20:00 | 3888 | 53.106 | 1.019 | 0.441 | 0.000 |
| 4/12/08 4:00 | 3896 | 53.091 | 1.020 | 0.442 | 0.001 |
| 4/12/08 12:00 | 3904 | 53.101 | 1.020 | 0.442 | 0.000 |
| 4/12/08 20:00 | 3912 | 53.105 | 1.020 | 0.442 | 0.000 |
| 4/13/08 4:00 | 3920 | 53.105 | 1.023 | 0.443 | 0.003 |
| 4/13/08 12:00 | 3928 | 53.101 | 1.021 | 0.442 | -0.002 |
| 4/13/08 20:00 | 3936 | 53.108 | 1.024 | 0.443 | 0.003 |
| 4/14/08 4:00 | 3944 | 53.104 | 1.026 | 0.444 | 0.002 |
| 4/14/08 12:00 | 3952 | 53.101 | 1.025 | 0.444 | -0.001 |
| 4/14/08 20:00 | 3960 | 53.101 | 1.024 | 0.444 | -0.001 |
| 4/15/08 4:00 | 3968 | 53.082 | 1.023 | 0.443 | -0.001 |
| 4/15/08 12:00 | 3976 | 53.083 | 1.022 | 0.443 | -0.001 |
| 4/15/08 20:00 | 3984 | 53.086 | 1.020 | 0.442 | -0.002 |
| 4/16/08 4:00 | 3992 | 53.081 | 1.022 | 0.443 | 0.002 |
| 4/16/08 12:00 | 4000 | 53.077 | 1.020 | 0.442 | -0.002 |
| 4/16/08 20:00 | 4008 | 53.093 | 1.024 | 0.443 | 0.004 |
| 4/17/08 4:00 | 4016 | 53.092 | 1.022 | 0.443 | -0.002 |
| 4/17/08 12:00 | 4024 | 53.081 | 1.020 | 0.442 | -0.002 |
| 4/17/08 20:00 | 4032 | 53.093 | 1.025 | 0.444 | 0.005 |
| 4/18/08 4:00 | 4040 | 53.090 | 1.025 | 0.444 | 0.000 |
| 4/18/08 12:00 | 4048 | 53.085 | 1.023 | 0.443 | -0.002 |
| 4/18/08 20:00 | 4056 | 53.092 | 1.029 | 0.445 | 0.006 |
| 4/19/08 4:00 | 4064 | 53.087 | 1.027 | 0.445 | -0.002 |
| 4/19/08 12:00 | 4072 | 53.086 | 1.024 | 0.443 | -0.003 |
| 4/19/08 20:00 | 4080 | 53.086 | 1.027 | 0.445 | 0.003 |
| 4/20/08 4:00 | 4088 | 53.070 | 1.022 | 0.443 | -0.005 |
| 4/20/08 12:00 | 4096 | 53.064 | 1.020 | 0.442 | -0.002 |
| 4/20/08 20:00 | 4104 | 53.075 | 1.021 | 0.442 | 0.001 |
| 4/21/08 4:00 | 4112 | 53.069 | 1.023 | 0.443 | 0.002 |
| 4/21/08 12:00 | 4120 | 53.062 | 1.020 | 0.442 | -0.003 |
| 4/21/08 20:00 | 4128 | 53.076 | 1.025 | 0.444 | 0.005 |
| 4/22/08 4:00 | 4136 | 53.066 | 1.023 | 0.443 | -0.002 |
| 4/22/08 12:00 | 4144 | 53.076 | 1.023 | 0.443 | 0.000 |
| 4/22/08 20:00 | 4152 | 53.080 | 1.027 | 0.445 | 0.004 |
| 4/23/08 4:00 | 4160 | 53.076 | 1.026 | 0.444 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 4/23/08 12:00 | 4168 | 53.071 | 1.022 | 0.442 | -0.004 |
| 4/23/08 20:00 | 4176 | 53.072 | 1.024 | 0.443 | 0.002 |
| 4/24/08 4:00 | 4184 | 53.061 | 1.022 | 0.442 | -0.002 |
| 4/24/08 12:00 | 4192 | 53.065 | 1.021 | 0.442 | -0.001 |
| 4/24/08 20:00 | 4200 | 53.074 | 1.024 | 0.443 | 0.003 |
| 4/25/08 4:00 | 4208 | 53.064 | 1.024 | 0.443 | 0.000 |
| 4/25/08 12:00 | 4216 | 53.065 | 1.022 | 0.443 | -0.002 |
| 4/25/08 20:00 | 4224 | 53.078 | 1.022 | 0.442 | 0.000 |
| 4/26/08 4:00 | 4232 | 53.066 | 1.024 | 0.443 | 0.002 |
| 4/26/08 12:00 | 4240 | 53.072 | 1.022 | 0.443 | -0.002 |
| 4/26/08 20:00 | 4248 | 53.081 | 1.022 | 0.443 | 0.000 |
| 4/27/08 4:00 | 4256 | 53.070 | 1.025 | 0.444 | 0.003 |
| 4/27/08 12:00 | 4264 | 53.071 | 1.023 | 0.443 | -0.002 |
| 4/27/08 20:00 | 4272 | 53.082 | 1.024 | 0.443 | 0.001 |
| 4/28/08 4:00 | 4280 | 53.083 | 1.026 | 0.444 | 0.002 |
| 4/28/08 12:00 | 4288 | 53.075 | 1.025 | 0.444 | -0.001 |
| 4/28/08 20:00 | 4296 | 53.086 | 1.026 | 0.444 | 0.001 |
| 4/29/08 4:00 | 4304 | 53.088 | 1.030 | 0.446 | 0.004 |
| 4/29/08 12:00 | 4312 | 53.083 | 1.025 | 0.444 | -0.005 |
| 4/29/08 20:00 | 4320 | 53.075 | 1.024 | 0.444 | -0.001 |
| 4/30/08 4:00 | 4328 | 53.062 | 1.021 | 0.442 | -0.003 |
| 4/30/08 12:00 | 4336 | 53.060 | 1.021 | 0.442 | 0.000 |
| 4/30/08 20:00 | 4344 | 53.073 | 1.022 | 0.443 | 0.001 |
| 5/1/08 4:00 | 4352 | 53.059 | 1.023 | 0.443 | 0.001 |
| 5/1/08 12:00 | 4360 | 53.051 | 1.021 | 0.442 | -0.002 |
| 5/1/08 20:00 | 4368 | 53.068 | 1.024 | 0.443 | 0.003 |
| 5/2/08 4:00 | 4376 | 53.062 | 1.024 | 0.443 | 0.000 |
| 5/2/08 12:00 | 4384 | 53.059 | 1.022 | 0.443 | -0.002 |
| 5/2/08 20:00 | 4392 | 53.073 | 1.025 | 0.444 | 0.003 |
| 5/3/08 4:00 | 4400 | 53.070 | 1.023 | 0.443 | -0.002 |
| 5/3/08 12:00 | 4408 | 53.069 | 1.021 | 0.442 | -0.002 |
| 5/3/08 20:00 | 4416 | 53.071 | 1.025 | 0.444 | 0.004 |
| 5/4/08 4:00 | 4424 | 53.067 | 1.025 | 0.444 | 0.000 |
| 5/4/08 12:00 | 4432 | 53.070 | 1.022 | 0.442 | -0.003 |
| 5/4/08 20:00 | 4440 | 53.083 | 1.026 | 0.444 | 0.004 |
| 5/5/08 4:00 | 4448 | 53.078 | 1.025 | 0.444 | -0.001 |
| 5/5/08 12:00 | 4456 | 53.079 | 1.022 | 0.442 | -0.003 |
| 5/5/08 20:00 | 4464 | 53.083 | 1.025 | 0.444 | 0.003 |
| 5/6/08 4:00 | 4472 | 53.086 | 1.024 | 0.443 | -0.001 |
| 5/6/08 12:00 | 4480 | 53.079 | 1.022 | 0.443 | -0.002 |
| 5/6/08 20:00 | 4488 | 53.083 | 1.024 | 0.443 | 0.002 |
| 5/7/08 4:00 | 4496 | 53.080 | 1.025 | 0.444 | 0.001 |
| 5/7/08 12:00 | 4504 | 53.078 | 1.023 | 0.443 | -0.002 |
| 5/7/08 20:00 | 4512 | 53.079 | 1.023 | 0.443 | 0.000 |
| 5/8/08 4:00 | 4520 | 53.071 | 1.025 | 0.444 | 0.002 |
| 5/8/08 12:00 | 4528 | 53.076 | 1.024 | 0.443 | -0.001 |
| 5/8/08 20:00 | 4536 | 53.079 | 1.024 | 0.443 | 0.000 |
| 5/9/08 4:00 | 4544 | 53.074 | 1.023 | 0.443 | -0.001 |
| 5/9/08 12:00 | 4552 | 53.076 | 1.023 | 0.443 | 0.000 |
| 5/9/08 20:00 | 4560 | 53.084 | 1.022 | 0.443 | -0.001 |
| 5/10/08 4:00 | 4568 | 53.074 | 1.025 | 0.444 | 0.003 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 5/10/08 12:00 | 4576 | 53.081 | 1.022 | 0.442 | -0.003 |
| 5/10/08 20:00 | 4584 | 53.084 | 1.023 | 0.443 | 0.001 |
| 5/11/08 4:00 | 4592 | 53.082 | 1.022 | 0.443 | -0.001 |
| 5/11/08 12:00 | 4600 | 53.083 | 1.023 | 0.443 | 0.001 |
| 5/11/08 20:00 | 4608 | 53.083 | 1.023 | 0.443 | 0.000 |
| 5/12/08 4:00 | 4616 | 53.065 | 1.023 | 0.443 | 0.000 |
| 5/12/08 12:00 | 4624 | 53.072 | 1.022 | 0.443 | -0.001 |
| 5/12/08 20:00 | 4632 | 53.079 | 1.021 | 0.442 | -0.001 |
| 5/13/08 4:00 | 4640 | 53.070 | 1.020 | 0.442 | -0.001 |
| 5/13/08 12:00 | 4648 | 53.074 | 1.020 | 0.442 | 0.000 |
| 5/13/08 20:00 | 4656 | 53.082 | 1.023 | 0.443 | 0.003 |
| 5/14/08 4:00 | 4664 | 53.080 | 1.023 | 0.443 | 0.000 |
| 5/14/08 12:00 | 4672 | 53.079 | 1.018 | 0.441 | -0.005 |
| 5/14/08 20:00 | 4680 | 53.087 | 1.021 | 0.442 | 0.003 |
| 5/15/08 4:00 | 4688 | 53.088 | 1.021 | 0.442 | 0.000 |
| 5/15/08 12:00 | 4696 | 53.083 | 1.019 | 0.441 | -0.002 |
| 5/15/08 20:00 | 4704 | 53.088 | 1.022 | 0.443 | 0.003 |
| 5/16/08 4:00 | 4712 | 53.088 | 1.021 | 0.442 | -0.001 |
| 5/16/08 12:00 | 4720 | 53.091 | 1.019 | 0.441 | -0.002 |
| 5/16/08 20:00 | 4728 | 53.089 | 1.024 | 0.444 | 0.005 |
| 5/17/08 4:00 | 4736 | 53.095 | 1.023 | 0.443 | -0.001 |
| 5/17/08 12:00 | 4744 | 53.088 | 1.021 | 0.442 | -0.002 |
| 5/17/08 20:00 | 4752 | 53.102 | 1.025 | 0.444 | 0.004 |
| 5/18/08 4:00 | 4760 | 53.096 | 1.023 | 0.443 | -0.002 |
| 5/18/08 12:00 | 4768 | 53.096 | 1.022 | 0.442 | -0.001 |
| 5/18/08 20:00 | 4776 | 53.097 | 1.025 | 0.444 | 0.003 |
| 5/19/08 4:00 | 4784 | 53.097 | 1.023 | 0.443 | -0.002 |
| 5/19/08 12:00 | 4792 | 53.096 | 1.021 | 0.442 | -0.002 |
| 5/19/08 20:00 | 4800 | 53.097 | 1.029 | 0.445 | 0.008 |
| 5/20/08 4:00 | 4808 | 53.105 | 1.025 | 0.444 | -0.004 |
| 5/20/08 12:00 | 4816 | 53.095 | 1.023 | 0.443 | -0.002 |
| 5/20/08 20:00 | 4824 | 53.093 | 1.025 | 0.444 | 0.002 |
| 5/21/08 4:00 | 4832 | 53.084 | 1.025 | 0.444 | 0.000 |
| 5/21/08 12:00 | 4840 | 53.083 | 1.020 | 0.442 | -0.005 |
| 5/21/08 20:00 | 4848 | 53.093 | 1.025 | 0.444 | 0.005 |
| 5/22/08 4:00 | 4856 | 53.077 | 1.027 | 0.445 | 0.002 |
| 5/22/08 12:00 | 4864 | 53.077 | 1.027 | 0.445 | 0.000 |
| 5/22/08 20:00 | 4872 | 53.087 | 1.028 | 0.445 | 0.001 |
| 5/23/08 4:00 | 4880 | 53.079 | 1.027 | 0.445 | -0.001 |
| 5/23/08 12:00 | 4888 | 53.083 | 1.026 | 0.444 | -0.001 |
| 5/23/08 20:00 | 4896 | 53.089 | 1.026 | 0.444 | 0.000 |
| 5/24/08 4:00 | 4904 | 53.084 | 1.026 | 0.444 | 0.000 |
| 5/24/08 12:00 | 4912 | 53.084 | 1.023 | 0.443 | -0.003 |
| 5/24/08 20:00 | 4920 | 53.087 | 1.021 | 0.442 | -0.002 |
| 5/25/08 4:00 | 4928 | 53.086 | 1.023 | 0.443 | 0.002 |
| 5/25/08 12:00 | 4936 | 53.088 | 1.021 | 0.442 | -0.002 |
| 5/25/08 20:00 | 4944 | 53.093 | 1.021 | 0.442 | 0.000 |
| 5/26/08 4:00 | 4952 | 53.092 | 1.021 | 0.442 | 0.000 |
| 5/26/08 12:00 | 4960 | 53.100 | 1.020 | 0.442 | -0.001 |
| 5/26/08 20:00 | 4968 | 53.099 | 1.018 | 0.441 | -0.002 |
| 5/27/08 4:00 | 4976 | 53.098 | 1.020 | 0.442 | 0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 5/27/08 12:00 | 4984 | 53.095 | 1.019 | 0.442 | -0.001 |
| 5/27/08 20:00 | 4992 | 53.099 | 1.020 | 0.442 | 0.001 |
| 5/28/08 4:00 | 5000 | 53.091 | 1.020 | 0.442 | 0.000 |
| 5/28/08 12:00 | 5008 | 53.098 | 1.020 | 0.442 | 0.000 |
| 5/28/08 20:00 | 5016 | 53.103 | 1.019 | 0.441 | -0.001 |
| 5/29/08 4:00 | 5024 | 53.100 | 1.021 | 0.442 | 0.002 |
| 5/29/08 12:00 | 5032 | 53.095 | 1.018 | 0.441 | -0.003 |
| 5/29/08 20:00 | 5040 | 53.100 | 1.019 | 0.441 | 0.001 |
| 5/30/08 4:00 | 5048 | 53.089 | 1.019 | 0.441 | 0.000 |
| 5/30/08 12:00 | 5056 | 53.100 | 1.019 | 0.441 | 0.000 |
| 5/30/08 20:00 | 5064 | 53.109 | 1.022 | 0.443 | 0.003 |
| 5/31/08 4:00 | 5072 | 53.106 | 1.021 | 0.442 | -0.001 |
| 5/31/08 12:00 | 5080 | 53.103 | 1.018 | 0.441 | -0.003 |
| 5/31/08 20:00 | 5088 | 53.111 | 1.022 | 0.443 | 0.004 |
| 6/1/08 4:00 | 5096 | 53.101 | 1.022 | 0.442 | 0.000 |
| 6/1/08 12:00 | 5104 | 53.106 | 1.017 | 0.441 | -0.005 |
| 6/1/08 20:00 | 5112 | 53.110 | 1.023 | 0.443 | 0.006 |
| 6/2/08 4:00 | 5120 | 53.105 | 1.020 | 0.442 | -0.003 |
| 6/2/08 12:00 | 5128 | 53.107 | 1.018 | 0.441 | -0.002 |
| 6/2/08 20:00 | 5136 | 53.111 | 1.022 | 0.442 | 0.004 |
| 6/3/08 4:00 | 5144 | 53.107 | 1.022 | 0.442 | 0.000 |
| 6/3/08 12:00 | 5152 | 53.105 | 1.020 | 0.442 | -0.002 |
| 6/3/08 20:00 | 5160 | 53.107 | 1.024 | 0.443 | 0.004 |
| 6/4/08 4:00 | 5168 | 53.100 | 1.024 | 0.443 | 0.000 |
| 6/4/08 12:00 | 5176 | 53.096 | 1.020 | 0.442 | -0.004 |
| 6/4/08 20:00 | 5184 | 53.108 | 1.022 | 0.443 | 0.002 |
| 6/5/08 4:00 | 5192 | 53.095 | 1.021 | 0.442 | -0.001 |
| 6/5/08 12:00 | 5200 | 53.108 | 1.018 | 0.441 | -0.003 |
| 6/5/08 20:00 | 5208 | 53.107 | 1.020 | 0.442 | 0.002 |
| 6/6/08 4:00 | 5216 | 53.110 | 1.022 | 0.443 | 0.002 |
| 6/6/08 12:00 | 5224 | 53.107 | 1.018 | 0.441 | -0.004 |
| 6/6/08 20:00 | 5232 | 53.107 | 1.020 | 0.442 | 0.002 |
| 6/7/08 4:00 | 5240 | 53.103 | 1.020 | 0.442 | 0.000 |
| 6/7/08 12:00 | 5248 | 53.101 | 1.018 | 0.441 | -0.002 |
| 6/7/08 20:00 | 5256 | 53.102 | 1.019 | 0.441 | 0.001 |
| 6/8/08 4:00 | 5264 | 53.106 | 1.021 | 0.442 | 0.002 |
| 6/8/08 12:00 | 5272 | 53.109 | 1.019 | 0.441 | -0.002 |
| 6/8/08 20:00 | 5280 | 53.110 | 1.019 | 0.441 | 0.000 |
| 6/9/08 4:00 | 5288 | 53.109 | 1.020 | 0.442 | 0.001 |
| 6/9/08 12:00 | 5296 | 53.111 | 1.021 | 0.442 | 0.001 |
| 6/9/08 20:00 | 5304 | 53.116 | 1.021 | 0.442 | 0.000 |
| 6/10/08 4:00 | 5312 | 53.106 | 1.022 | 0.443 | 0.001 |
| 6/10/08 12:00 | 5320 | 53.107 | 1.021 | 0.442 | -0.001 |
| 6/10/08 20:00 | 5328 | 53.107 | 1.020 | 0.442 | -0.001 |
| 6/11/08 4:00 | 5336 | 53.102 | 1.020 | 0.442 | 0.000 |
| 6/11/08 12:00 | 5344 | 53.104 | 1.018 | 0.441 | -0.002 |
| 6/11/08 20:00 | 5352 | 53.111 | 1.022 | 0.443 | 0.004 |
| 6/12/08 4:00 | 5360 | 53.102 | 1.021 | 0.442 | -0.001 |
| 6/12/08 12:00 | 5368 | 53.105 | 1.020 | 0.442 | -0.001 |
| 6/12/08 20:00 | 5376 | 53.111 | 1.022 | 0.443 | 0.002 |
| 6/13/08 4:00 | 5384 | 53.108 | 1.022 | 0.443 | 0.000 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 6/13/08 12:00 | 5392 | 53.105 | 1.021 | 0.442 | -0.001 |
| 6/13/08 20:00 | 5400 | 53.109 | 1.024 | 0.444 | 0.003 |
| 6/14/08 4:00 | 5408 | 53.110 | 1.024 | 0.443 | 0.000 |
| 6/14/08 12:00 | 5416 | 53.110 | 1.020 | 0.442 | -0.004 |
| 6/14/08 20:00 | 5424 | 53.110 | 1.022 | 0.443 | 0.002 |
| 6/15/08 4:00 | 5432 | 53.107 | 1.024 | 0.443 | 0.002 |
| 6/15/08 12:00 | 5440 | 53.110 | 1.021 | 0.442 | -0.003 |
| 6/15/08 20:00 | 5448 | 53.111 | 1.023 | 0.443 | 0.002 |
| 6/16/08 4:00 | 5456 | 53.107 | 1.024 | 0.443 | 0.001 |
| 6/16/08 12:00 | 5464 | 53.109 | 1.020 | 0.442 | -0.004 |
| 6/16/08 20:00 | 5472 | 53.107 | 1.024 | 0.444 | 0.004 |
| 6/17/08 4:00 | 5480 | 53.108 | 1.022 | 0.443 | -0.002 |
| 6/17/08 12:00 | 5488 | 53.101 | 1.019 | 0.441 | -0.003 |
| 6/17/08 20:00 | 5496 | 53.105 | 1.023 | 0.443 | 0.004 |
| 6/18/08 4:00 | 5504 | 53.106 | 1.021 | 0.442 | -0.002 |
| 6/18/08 12:00 | 5512 | 53.102 | 1.020 | 0.442 | -0.001 |
| 6/18/08 20:00 | 5520 | 53.113 | 1.023 | 0.443 | 0.003 |
| 6/19/08 4:00 | 5528 | 53.104 | 1.022 | 0.442 | -0.001 |
| 6/19/08 12:00 | 5536 | 53.098 | 1.020 | 0.442 | -0.002 |
| 6/19/08 20:00 | 5544 | 53.103 | 1.023 | 0.443 | 0.003 |
| 6/20/08 4:00 | 5552 | 53.101 | 1.023 | 0.443 | 0.000 |
| 6/20/08 12:00 | 5560 | 53.095 | 1.021 | 0.442 | -0.002 |
| 6/20/08 20:00 | 5568 | 53.096 | 1.025 | 0.444 | 0.004 |
| 6/21/08 4:00 | 5576 | 53.095 | 1.025 | 0.444 | 0.000 |
| 6/21/08 12:00 | 5584 | 53.097 | 1.022 | 0.443 | -0.003 |
| 6/21/08 20:00 | 5592 | 53.105 | 1.024 | 0.444 | 0.002 |
| 6/22/08 4:00 | 5600 | 53.098 | 1.025 | 0.444 | 0.001 |
| 6/22/08 12:00 | 5608 | 53.095 | 1.023 | 0.443 | -0.002 |
| 6/22/08 20:00 | 5616 | 53.091 | 1.024 | 0.444 | 0.001 |
| 6/23/08 4:00 | 5624 | 53.104 | 1.024 | 0.443 | 0.000 |
| 6/23/08 12:00 | 5632 | 53.097 | 1.023 | 0.443 | -0.001 |
| 6/23/08 20:00 | 5640 | 53.101 | 1.023 | 0.443 | 0.000 |
| 6/24/08 4:00 | 5648 | 53.101 | 1.023 | 0.443 | 0.000 |
| 6/24/08 12:00 | 5656 | 53.097 | 1.023 | 0.443 | 0.000 |
| 6/24/08 20:00 | 5664 | 53.101 | 1.022 | 0.443 | -0.001 |
| 6/25/08 4:00 | 5672 | 53.093 | 1.025 | 0.444 | 0.003 |
| 6/25/08 12:00 | 5680 | 53.097 | 1.025 | 0.444 | 0.000 |
| 6/25/08 20:00 | 5688 | 53.098 | 1.026 | 0.444 | 0.001 |
| 6/26/08 4:00 | 5696 | 53.088 | 1.023 | 0.443 | -0.003 |
| 6/26/08 12:00 | 5704 | 53.092 | 1.023 | 0.443 | 0.000 |
| 6/26/08 20:00 | 5712 | 53.093 | 1.024 | 0.444 | 0.001 |
| 6/27/08 4:00 | 5720 | 53.090 | 1.026 | 0.444 | 0.002 |
| 6/27/08 12:00 | 5728 | 53.089 | 1.023 | 0.443 | -0.003 |
| 6/27/08 20:00 | 5736 | 53.095 | 1.026 | 0.444 | 0.003 |
| 6/28/08 4:00 | 5744 | 53.093 | 1.023 | 0.443 | -0.003 |
| 6/28/08 12:00 | 5752 | 53.092 | 1.022 | 0.443 | -0.001 |
| 6/28/08 20:00 | 5760 | 53.094 | 1.028 | 0.445 | 0.006 |
| 6/29/08 4:00 | 5768 | 53.083 | 1.024 | 0.443 | -0.004 |
| 6/29/08 12:00 | 5776 | 53.086 | 1.023 | 0.443 | -0.001 |
| 6/29/08 20:00 | 5784 | 53.094 | 1.025 | 0.444 | 0.002 |
| 6/30/08 4:00 | 5792 | 53.093 | 1.025 | 0.444 | 0.000 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 6/30/08 12:00 | 5800 | 53.085 | 1.023 | 0.443 | -0.002 |
| 6/30/08 20:00 | 5808 | 53.088 | 1.026 | 0.444 | 0.003 |
| 7/1/08 4:00 | 5816 | 53.092 | 1.026 | 0.444 | 0.000 |
| 7/1/08 12:00 | 5824 | 53.087 | 1.021 | 0.442 | -0.005 |
| 7/1/08 20:00 | 5832 | 53.095 | 1.027 | 0.445 | 0.006 |
| 7/2/08 4:00 | 5840 | 53.091 | 1.025 | 0.444 | -0.002 |
| 7/2/08 12:00 | 5848 | 53.083 | 1.023 | 0.443 | -0.002 |
| 7/2/08 20:00 | 5856 | 53.092 | 1.027 | 0.445 | 0.004 |
| 7/3/08 4:00 | 5864 | 53.089 | 1.026 | 0.444 | -0.001 |
| 7/3/08 12:00 | 5872 | 53.089 | 1.024 | 0.443 | -0.002 |
| 7/3/08 20:00 | 5880 | 53.091 | 1.026 | 0.444 | 0.002 |
| 7/4/08 4:00 | 5888 | 53.086 | 1.025 | 0.444 | -0.001 |
| 7/4/08 12:00 | 5896 | 53.084 | 1.025 | 0.444 | 0.000 |
| 7/4/08 20:00 | 5904 | 53.082 | 1.026 | 0.444 | 0.001 |
| 7/5/08 4:00 | 5912 | 53.086 | 1.025 | 0.444 | -0.001 |
| 7/5/08 12:00 | 5920 | 53.083 | 1.025 | 0.444 | 0.000 |
| 7/5/08 20:00 | 5928 | 53.088 | 1.028 | 0.445 | 0.003 |
| 7/6/08 4:00 | 5936 | 53.083 | 1.027 | 0.445 | -0.001 |
| 7/6/08 12:00 | 5944 | 53.089 | 1.025 | 0.444 | -0.002 |
| 7/6/08 20:00 | 5952 | 53.094 | 1.027 | 0.445 | 0.002 |
| 7/7/08 4:00 | 5960 | 53.089 | 1.025 | 0.444 | -0.002 |
| 7/7/08 12:00 | 5968 | 53.088 | 1.026 | 0.444 | 0.001 |
| 7/7/08 20:00 | 5976 | 53.091 | 1.027 | 0.445 | 0.001 |
| 7/8/08 4:00 | 5984 | 53.092 | 1.026 | 0.444 | -0.001 |
| 7/8/08 12:00 | 5992 | 53.093 | 1.024 | 0.443 | -0.002 |
| 7/8/08 20:00 | 6000 | 53.099 | 1.023 | 0.443 | -0.001 |
| 7/9/08 4:00 | 6008 | 53.092 | 1.024 | 0.443 | 0.001 |
| 7/9/08 12:00 | 6016 | 53.088 | 1.024 | 0.443 | 0.000 |
| 7/9/08 20:00 | 6024 | 53.088 | 1.026 | 0.444 | 0.002 |
| 7/10/08 4:00 | 6032 | 53.095 | 1.024 | 0.443 | -0.002 |
| 7/10/08 12:00 | 6040 | 53.097 | 1.023 | 0.443 | -0.001 |
| 7/10/08 20:00 | 6048 | 53.095 | 1.027 | 0.445 | 0.004 |
| 7/11/08 4:00 | 6056 | 53.089 | 1.024 | 0.443 | -0.003 |
| 7/11/08 12:00 | 6064 | 53.089 | 1.023 | 0.443 | -0.001 |
| 7/11/08 20:00 | 6072 | 53.092 | 1.026 | 0.444 | 0.003 |
| 7/12/08 4:00 | 6080 | 53.091 | 1.022 | 0.443 | -0.004 |
| 7/12/08 12:00 | 6088 | 53.087 | 1.020 | 0.442 | -0.002 |
| 7/12/08 20:00 | 6096 | 53.094 | 1.026 | 0.444 | 0.006 |
| 7/13/08 4:00 | 6104 | 53.090 | 1.023 | 0.443 | -0.003 |
| 7/13/08 12:00 | 6112 | 53.089 | 1.022 | 0.443 | -0.001 |
| 7/13/08 20:00 | 6120 | 53.096 | 1.027 | 0.445 | 0.005 |
| 7/14/08 4:00 | 6128 | 53.100 | 1.025 | 0.444 | -0.002 |
| 7/14/08 12:00 | 6136 | 53.093 | 1.023 | 0.443 | -0.002 |
| 7/14/08 20:00 | 6144 | 53.092 | 1.026 | 0.445 | 0.003 |
| 7/15/08 4:00 | 6152 | 53.095 | 1.025 | 0.444 | -0.001 |
| 7/15/08 12:00 | 6160 | 53.091 | 1.023 | 0.443 | -0.002 |
| 7/15/08 20:00 | 6168 | 53.089 | 1.026 | 0.444 | 0.003 |
| 7/16/08 4:00 | 6176 | 53.092 | 1.027 | 0.445 | 0.001 |
| 7/16/08 12:00 | 6184 | 53.094 | 1.022 | 0.443 | -0.005 |
| 7/16/08 20:00 | 6192 | 53.096 | 1.027 | 0.445 | 0.005 |
| 7/17/08 4:00 | 6200 | 53.091 | 1.025 | 0.444 | -0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 7/17/08 12:00 | 6208 | 53.093 | 1.021 | 0.442 | -0.004 |
| 7/17/08 20:00 | 6216 | 53.097 | 1.027 | 0.445 | 0.006 |
| 7/18/08 4:00 | 6224 | 53.090 | 1.024 | 0.444 | -0.003 |
| 7/18/08 12:00 | 6232 | 53.097 | 1.021 | 0.442 | -0.003 |
| 7/18/08 20:00 | 6240 | 53.097 | 1.029 | 0.446 | 0.008 |
| 7/19/08 4:00 | 6248 | 53.105 | 1.027 | 0.445 | -0.002 |
| 7/19/08 12:00 | 6256 | 53.100 | 1.025 | 0.444 | -0.002 |
| 7/19/08 20:00 | 6264 | 53.100 | 1.029 | 0.446 | 0.004 |
| 7/20/08 4:00 | 6272 | 53.101 | 1.027 | 0.445 | -0.002 |
| 7/20/08 12:00 | 6280 | 53.097 | 1.026 | 0.444 | -0.001 |
| 7/20/08 20:00 | 6288 | 53.103 | 1.027 | 0.445 | 0.001 |
| 7/21/08 4:00 | 6296 | 53.103 | 1.026 | 0.444 | -0.001 |
| 7/21/08 12:00 | 6304 | 53.104 | 1.027 | 0.445 | 0.001 |
| 7/21/08 20:00 | 6312 | 53.101 | 1.028 | 0.445 | 0.001 |
| 7/22/08 4:00 | 6320 | 53.103 | 1.027 | 0.445 | -0.001 |
| 7/22/08 12:00 | 6328 | 53.099 | 1.026 | 0.444 | -0.001 |
| 7/22/08 20:00 | 6336 | 53.101 | 1.027 | 0.445 | 0.001 |
| 7/23/08 4:00 | 6344 | 53.110 | 1.026 | 0.444 | -0.001 |
| 7/23/08 12:00 | 6352 | 53.099 | 1.026 | 0.444 | 0.000 |
| 7/23/08 20:00 | 6360 | 53.102 | 1.027 | 0.445 | 0.001 |
| 7/24/08 4:00 | 6368 | 53.107 | 1.026 | 0.444 | -0.001 |
| 7/24/08 12:00 | 6376 | 53.101 | 1.029 | 0.446 | 0.003 |
| 7/24/08 20:00 | 6384 | 53.106 | 1.027 | 0.445 | -0.002 |
| 7/25/08 4:00 | 6392 | 53.099 | 1.027 | 0.445 | 0.000 |
| 7/25/08 12:00 | 6400 | 53.102 | 1.026 | 0.444 | -0.001 |
| 7/25/08 20:00 | 6408 | 53.108 | 1.027 | 0.445 | 0.001 |
| 7/26/08 4:00 | 6416 | 53.101 | 1.027 | 0.445 | 0.000 |
| 7/26/08 12:00 | 6424 | 53.107 | 1.025 | 0.444 | -0.002 |
| 7/26/08 20:00 | 6432 | 53.107 | 1.026 | 0.444 | 0.001 |
| 7/27/08 4:00 | 6440 | 53.109 | 1.028 | 0.445 | 0.002 |
| 7/27/08 12:00 | 6448 | 53.120 | 1.025 | 0.444 | -0.003 |
| 7/27/08 20:00 | 6456 | 53.122 | 1.028 | 0.445 | 0.003 |
| 7/28/08 4:00 | 6464 | 53.119 | 1.028 | 0.445 | 0.000 |
| 7/28/08 12:00 | 6472 | 53.115 | 1.025 | 0.444 | -0.003 |
| 7/28/08 20:00 | 6480 | 53.125 | 1.029 | 0.446 | 0.004 |
| 7/29/08 4:00 | 6488 | 53.126 | 1.030 | 0.446 | 0.001 |
| 7/29/08 12:00 | 6496 | 53.124 | 1.027 | 0.445 | -0.003 |
| 7/29/08 20:00 | 6504 | 53.141 | 1.031 | 0.447 | 0.004 |
| 7/30/08 4:00 | 6512 | 53.129 | 1.029 | 0.446 | -0.002 |
| 7/30/08 12:00 | 6520 | 53.136 | 1.027 | 0.445 | -0.002 |
| 7/30/08 20:00 | 6528 | 53.140 | 1.032 | 0.447 | 0.005 |
| 7/31/08 4:00 | 6536 | 53.130 | 1.031 | 0.447 | -0.001 |
| 7/31/08 12:00 | 6544 | 53.136 | 1.028 | 0.445 | -0.003 |
| 7/31/08 20:00 | 6552 | 53.126 | 1.034 | 0.448 | 0.006 |
| 8/1/08 4:00 | 6560 | 53.124 | 1.034 | 0.448 | 0.000 |
| 8/1/08 12:00 | 6568 | 53.140 | 1.032 | 0.447 | -0.002 |
| 8/1/08 20:00 | 6576 | 53.125 | 1.035 | 0.448 | 0.003 |
| 8/2/08 4:00 | 6584 | 53.143 | 1.034 | 0.448 | -0.001 |
| 8/2/08 12:00 | 6592 | 53.141 | 1.032 | 0.447 | -0.002 |
| 8/2/08 20:00 | 6600 | 53.151 | 1.034 | 0.448 | 0.002 |
| 8/3/08 4:00 | 6608 | 53.143 | 1.033 | 0.447 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 8/3/08 12:00 | 6616 | 53.136 | 1.035 | 0.448 | 0.002 |
| 8/3/08 20:00 | 6624 | 53.159 | 1.036 | 0.449 | 0.001 |
| 8/4/08 4:00 | 6632 | 53.156 | 1.032 | 0.447 | -0.004 |
| 8/4/08 12:00 | 6640 | 53.168 | 1.033 | 0.447 | 0.001 |
| 8/4/08 20:00 | 6648 | 53.170 | 1.033 | 0.448 | 0.000 |
| 8/5/08 4:00 | 6656 | 53.172 | 1.032 | 0.447 | -0.001 |
| 8/5/08 12:00 | 6664 | 53.182 | 1.032 | 0.447 | 0.000 |
| 8/5/08 20:00 | 6672 | 53.182 | 1.033 | 0.448 | 0.001 |
| 8/6/08 4:00 | 6680 | 53.186 | 1.034 | 0.448 | 0.001 |
| 8/6/08 12:00 | 6688 | 53.184 | 1.036 | 0.449 | 0.002 |
| 8/6/08 20:00 | 6696 | 53.192 | 1.035 | 0.448 | -0.001 |
| 8/7/08 4:00 | 6704 | 53.189 | 1.032 | 0.447 | -0.003 |
| 8/7/08 12:00 | 6712 | 53.191 | 1.034 | 0.448 | 0.002 |
| 8/7/08 20:00 | 6720 | 53.196 | 1.036 | 0.449 | 0.002 |
| 8/8/08 4:00 | 6728 | 53.199 | 1.035 | 0.448 | -0.001 |
| 8/8/08 12:00 | 6736 | 53.198 | 1.034 | 0.448 | -0.001 |
| 8/8/08 20:00 | 6744 | 53.197 | 1.035 | 0.448 | 0.001 |
| 8/9/08 4:00 | 6752 | 53.196 | 1.034 | 0.448 | -0.001 |
| 8/9/08 12:00 | 6760 | 53.201 | 1.035 | 0.448 | 0.001 |
| 8/9/08 20:00 | 6768 | 53.202 | 1.035 | 0.448 | 0.000 |
| 8/10/08 4:00 | 6776 | 53.207 | 1.033 | 0.448 | -0.002 |
| 8/10/08 12:00 | 6784 | 53.197 | 1.033 | 0.448 | 0.000 |
| 8/10/08 20:00 | 6792 | 53.202 | 1.036 | 0.449 | 0.003 |
| 8/11/08 4:00 | 6800 | 53.207 | 1.035 | 0.448 | -0.001 |
| 8/11/08 12:00 | 6808 | 53.204 | 1.033 | 0.448 | -0.002 |
| 8/11/08 20:00 | 6816 | 53.208 | 1.037 | 0.449 | 0.004 |
| 8/12/08 4:00 | 6824 | 53.208 | 1.037 | 0.449 | 0.000 |
| 8/12/08 12:00 | 6832 | 53.201 | 1.034 | 0.448 | -0.003 |
| 8/12/08 20:00 | 6840 | 53.205 | 1.038 | 0.450 | 0.004 |
| 8/13/08 4:00 | 6848 | 53.202 | 1.037 | 0.449 | -0.001 |
| 8/13/08 12:00 | 6856 | 53.207 | 1.035 | 0.448 | -0.002 |
| 8/13/08 20:00 | 6864 | 53.208 | 1.040 | 0.450 | 0.005 |
| 8/14/08 4:00 | 6872 | 53.207 | 1.038 | 0.450 | -0.002 |
| 8/14/08 12:00 | 6880 | 53.208 | 1.033 | 0.447 | -0.005 |
| 8/14/08 20:00 | 6888 | 53.207 | 1.039 | 0.450 | 0.006 |
| 8/15/08 4:00 | 6896 | 53.207 | 1.036 | 0.449 | -0.003 |
| 8/15/08 12:00 | 6904 | 53.209 | 1.036 | 0.449 | 0.000 |
| 8/15/08 20:00 | 6912 | 53.211 | 1.040 | 0.450 | 0.004 |
| 8/16/08 4:00 | 6920 | 53.205 | 1.041 | 0.451 | 0.001 |
| 8/16/08 12:00 | 6928 | 53.211 | 1.036 | 0.449 | -0.005 |
| 8/16/08 20:00 | 6936 | 53.203 | 1.041 | 0.451 | 0.005 |
| 8/17/08 4:00 | 6944 | 53.208 | 1.041 | 0.451 | 0.000 |
| 8/17/08 12:00 | 6952 | 53.207 | 1.040 | 0.450 | -0.001 |
| 8/17/08 20:00 | 6960 | 53.206 | 1.042 | 0.451 | 0.002 |
| 8/18/08 4:00 | 6968 | 53.206 | 1.039 | 0.450 | -0.003 |
| 8/18/08 12:00 | 6976 | 53.209 | 1.040 | 0.450 | 0.001 |
| 8/18/08 20:00 | 6984 | 53.210 | 1.041 | 0.451 | 0.001 |
| 8/19/08 4:00 | 6992 | 53.216 | 1.041 | 0.451 | 0.000 |
| 8/19/08 12:00 | 7000 | 53.213 | 1.039 | 0.450 | -0.002 |
| 8/19/08 20:00 | 7008 | 53.212 | 1.039 | 0.450 | 0.000 |
| 8/20/08 4:00 | 7016 | 53.215 | 1.038 | 0.450 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 8/20/08 12:00 | 7024 | 53.212 | 1.041 | 0.451 | 0.003 |
| 8/20/08 20:00 | 7032 | 53.213 | 1.042 | 0.451 | 0.001 |
| 8/21/08 4:00 | 7040 | 53.213 | 1.041 | 0.451 | -0.001 |
| 8/21/08 12:00 | 7048 | 53.208 | 1.043 | 0.452 | 0.002 |
| 8/21/08 20:00 | 7056 | 53.215 | 1.044 | 0.452 | 0.001 |
| 8/22/08 4:00 | 7064 | 53.209 | 1.038 | 0.450 | -0.006 |
| 8/22/08 12:00 | 7072 | 53.215 | 1.040 | 0.450 | 0.002 |
| 8/22/08 20:00 | 7080 | 53.213 | 1.044 | 0.452 | 0.004 |
| 8/23/08 4:00 | 7088 | 53.213 | 1.039 | 0.450 | -0.005 |
| 8/23/08 12:00 | 7096 | 53.213 | 1.039 | 0.450 | 0.000 |
| 8/23/08 20:00 | 7104 | 53.222 | 1.042 | 0.451 | 0.003 |
| 8/24/08 4:00 | 7112 | 53.213 | 1.040 | 0.450 | -0.002 |
| 8/24/08 12:00 | 7120 | 53.209 | 1.038 | 0.450 | -0.002 |
| 8/24/08 20:00 | 7128 | 53.216 | 1.043 | 0.452 | 0.005 |
| 8/25/08 4:00 | 7136 | 53.221 | 1.042 | 0.451 | -0.001 |
| 8/25/08 12:00 | 7144 | 53.210 | 1.041 | 0.451 | -0.001 |
| 8/25/08 20:00 | 7152 | 53.220 | 1.043 | 0.452 | 0.002 |
| 8/26/08 4:00 | 7160 | 53.216 | 1.041 | 0.451 | -0.002 |
| 8/26/08 12:00 | 7168 | 53.213 | 1.039 | 0.450 | -0.002 |
| 8/26/08 20:00 | 7176 | 53.211 | 1.042 | 0.451 | 0.003 |
| 8/27/08 4:00 | 7184 | 53.216 | 1.042 | 0.451 | 0.000 |
| 8/27/08 12:00 | 7192 | 53.217 | 1.037 | 0.449 | -0.005 |
| 8/27/08 20:00 | 7200 | 53.218 | 1.043 | 0.452 | 0.006 |
| 8/28/08 4:00 | 7208 | 53.214 | 1.042 | 0.451 | -0.001 |
| 8/28/08 12:00 | 7216 | 53.218 | 1.039 | 0.450 | -0.003 |
| 8/28/08 20:00 | 7224 | 53.213 | 1.044 | 0.452 | 0.005 |
| 8/29/08 4:00 | 7232 | 53.213 | 1.043 | 0.452 | -0.001 |
| 8/29/08 12:00 | 7240 | 53.213 | 1.042 | 0.451 | -0.001 |
| 8/29/08 20:00 | 7248 | 53.220 | 1.046 | 0.453 | 0.004 |
| 8/30/08 4:00 | 7256 | 53.220 | 1.046 | 0.453 | 0.000 |
| 8/30/08 12:00 | 7264 | 53.211 | 1.044 | 0.452 | -0.002 |
| 8/30/08 20:00 | 7272 | 53.210 | 1.048 | 0.454 | 0.004 |
| 8/31/08 4:00 | 7280 | 53.209 | 1.046 | 0.453 | -0.002 |
| 8/31/08 12:00 | 7288 | 53.209 | 1.043 | 0.452 | -0.003 |
| 8/31/08 20:00 | 7296 | 53.219 | 1.046 | 0.453 | 0.003 |
| 9/1/08 4:00 | 7304 | 53.208 | 1.042 | 0.451 | -0.004 |
| 9/1/08 12:00 | 7312 | 53.207 | 1.040 | 0.450 | -0.002 |
| 9/1/08 20:00 | 7320 | 53.213 | 1.043 | 0.452 | 0.003 |
| 9/2/08 4:00 | 7328 | 53.206 | 1.040 | 0.450 | -0.003 |
| 9/2/08 12:00 | 7336 | 53.211 | 1.043 | 0.452 | 0.003 |
| 9/2/08 20:00 | 7344 | 53.210 | 1.044 | 0.452 | 0.001 |
| 9/3/08 4:00 | 7352 | 53.210 | 1.043 | 0.452 | -0.001 |
| 9/3/08 12:00 | 7360 | 53.209 | 1.044 | 0.452 | 0.001 |
| 9/3/08 20:00 | 7368 | 53.214 | 1.046 | 0.453 | 0.002 |
| 9/4/08 4:00 | 7376 | 53.213 | 1.043 | 0.452 | -0.003 |
| 9/4/08 12:00 | 7384 | 53.214 | 1.045 | 0.453 | 0.002 |
| 9/4/08 20:00 | 7392 | 53.213 | 1.046 | 0.453 | 0.001 |
| 9/5/08 4:00 | 7400 | 53.216 | 1.043 | 0.452 | -0.003 |
| 9/5/08 12:00 | 7408 | 53.210 | 1.044 | 0.452 | 0.001 |
| 9/5/08 20:00 | 7416 | 53.216 | 1.045 | 0.453 | 0.001 |
| 9/6/08 4:00 | 7424 | 53.213 | 1.044 | 0.452 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 9/6/08 12:00 | 7432 | 53.212 | 1.044 | 0.452 | 0.000 |
| 9/6/08 20:00 | 7440 | 53.220 | 1.048 | 0.454 | 0.004 |
| 9/7/08 4:00 | 7448 | 53.213 | 1.047 | 0.454 | -0.001 |
| 9/7/08 12:00 | 7456 | 53.217 | 1.046 | 0.453 | -0.001 |
| 9/7/08 20:00 | 7464 | 53.215 | 1.050 | 0.455 | 0.004 |
| 9/8/08 4:00 | 7472 | 53.223 | 1.047 | 0.454 | -0.003 |
| 9/8/08 12:00 | 7480 | 53.218 | 1.046 | 0.453 | -0.001 |
| 9/8/08 20:00 | 7488 | 53.217 | 1.051 | 0.455 | 0.005 |
| 9/9/08 4:00 | 7496 | 53.212 | 1.048 | 0.454 | -0.003 |
| 9/9/08 12:00 | 7504 | 53.209 | 1.048 | 0.454 | 0.000 |
| 9/9/08 20:00 | 7512 | 53.217 | 1.051 | 0.455 | 0.003 |
| 9/10/08 4:00 | 7520 | 53.215 | 1.049 | 0.454 | -0.002 |
| 9/10/08 12:00 | 7528 | 53.212 | 1.046 | 0.453 | -0.003 |
| 9/10/08 20:00 | 7536 | 53.216 | 1.050 | 0.455 | 0.004 |
| 9/11/08 4:00 | 7544 | 53.214 | 1.047 | 0.454 | -0.003 |
| 9/11/08 12:00 | 7552 | 53.215 | 1.044 | 0.452 | -0.003 |
| 9/11/08 20:00 | 7560 | 53.219 | 1.049 | 0.454 | 0.005 |
| 9/12/08 4:00 | 7568 | 53.212 | 1.049 | 0.454 | 0.000 |
| 9/12/08 12:00 | 7576 | 53.213 | 1.047 | 0.453 | -0.002 |
| 9/12/08 20:00 | 7584 | 53.214 | 1.050 | 0.455 | 0.003 |
| 9/13/08 4:00 | 7592 | 53.214 | 1.049 | 0.454 | -0.001 |
| 9/13/08 12:00 | 7600 | 53.212 | 1.047 | 0.454 | -0.002 |
| 9/13/08 20:00 | 7608 | 53.215 | 1.051 | 0.455 | 0.004 |
| 9/14/08 4:00 | 7616 | 53.214 | 1.049 | 0.454 | -0.002 |
| 9/14/08 12:00 | 7624 | 53.218 | 1.048 | 0.454 | -0.001 |
| 9/14/08 20:00 | 7632 | 53.216 | 1.051 | 0.455 | 0.003 |
| 9/15/08 4:00 | 7640 | 53.219 | 1.049 | 0.454 | -0.002 |
| 9/15/08 12:00 | 7648 | 53.218 | 1.048 | 0.454 | -0.001 |
| 9/15/08 20:00 | 7656 | 53.218 | 1.051 | 0.455 | 0.003 |
| 9/16/08 4:00 | 7664 | 53.215 | 1.050 | 0.455 | -0.001 |
| 9/16/08 12:00 | 7672 | 53.212 | 1.052 | 0.456 | 0.002 |
| 9/16/08 20:00 | 7680 | 53.216 | 1.052 | 0.456 | 0.000 |
| 9/17/08 4:00 | 7688 | 53.222 | 1.051 | 0.455 | -0.001 |
| 9/17/08 12:00 | 7696 | 53.217 | 1.052 | 0.456 | 0.001 |
| 9/17/08 20:00 | 7704 | 53.215 | 1.054 | 0.456 | 0.002 |
| 9/18/08 4:00 | 7712 | 53.220 | 1.051 | 0.455 | -0.003 |
| 9/18/08 12:00 | 7720 | 53.220 | 1.053 | 0.456 | 0.002 |
| 9/18/08 20:00 | 7728 | 53.220 | 1.056 | 0.457 | 0.003 |
| 9/19/08 4:00 | 7736 | 53.218 | 1.053 | 0.456 | -0.003 |
| 9/19/08 12:00 | 7744 | 53.216 | 1.054 | 0.456 | 0.001 |
| 9/19/08 20:00 | 7752 | 53.220 | 1.056 | 0.457 | 0.002 |
| 9/20/08 4:00 | 7760 | 53.221 | 1.052 | 0.456 | -0.004 |
| 9/20/08 12:00 | 7768 | 53.218 | 1.055 | 0.457 | 0.003 |
| 9/20/08 20:00 | 7776 | 53.220 | 1.054 | 0.457 | -0.001 |
| 9/21/08 4:00 | 7784 | 53.220 | 1.053 | 0.456 | -0.001 |
| 9/21/08 12:00 | 7792 | 53.219 | 1.054 | 0.456 | 0.001 |
| 9/21/08 20:00 | 7800 | 53.219 | 1.059 | 0.458 | 0.005 |
| 9/22/08 4:00 | 7808 | 53.213 | 1.053 | 0.456 | -0.006 |
| 9/22/08 12:00 | 7816 | 53.216 | 1.054 | 0.456 | 0.001 |
| 9/22/08 20:00 | 7824 | 53.215 | 1.057 | 0.458 | 0.003 |
| 9/23/08 4:00 | 7832 | 53.219 | 1.054 | 0.457 | -0.003 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 9/23/08 12:00 | 7840 | 53.215 | 1.053 | 0.456 | -0.001 |
| 9/23/08 20:00 | 7848 | 53.216 | 1.057 | 0.458 | 0.004 |
| 9/24/08 4:00 | 7856 | 53.219 | 1.058 | 0.458 | 0.001 |
| 9/24/08 12:00 | 7864 | 53.217 | 1.057 | 0.458 | -0.001 |
| 9/24/08 20:00 | 7872 | 53.216 | 1.060 | 0.459 | 0.003 |
| 9/25/08 4:00 | 7880 | 53.224 | 1.061 | 0.459 | 0.001 |
| 9/25/08 12:00 | 7888 | 53.223 | 1.058 | 0.458 | -0.003 |
| 9/25/08 20:00 | 7896 | 53.220 | 1.059 | 0.458 | 0.001 |
| 9/26/08 4:00 | 7904 | 53.218 | 1.061 | 0.459 | 0.002 |
| 9/26/08 12:00 | 7912 | 53.213 | 1.058 | 0.458 | -0.003 |
| 9/26/08 20:00 | 7920 | 53.218 | 1.062 | 0.460 | 0.004 |
| 9/27/08 4:00 | 7928 | 53.219 | 1.060 | 0.459 | -0.002 |
| 9/27/08 12:00 | 7936 | 53.220 | 1.058 | 0.458 | -0.002 |
| 9/27/08 20:00 | 7944 | 53.216 | 1.062 | 0.460 | 0.004 |
| 9/28/08 4:00 | 7952 | 53.216 | 1.061 | 0.460 | -0.001 |
| 9/28/08 12:00 | 7960 | 53.218 | 1.058 | 0.458 | -0.003 |
| 9/28/08 20:00 | 7968 | 53.220 | 1.062 | 0.460 | 0.004 |
| 9/29/08 4:00 | 7976 | 53.218 | 1.060 | 0.459 | -0.002 |
| 9/29/08 12:00 | 7984 | 53.220 | 1.060 | 0.459 | 0.000 |
| 9/29/08 20:00 | 7992 | 53.217 | 1.062 | 0.460 | 0.002 |
| 9/30/08 4:00 | 8000 | 53.225 | 1.060 | 0.459 | -0.002 |
| 9/30/08 12:00 | 8008 | 53.219 | 1.062 | 0.460 | 0.002 |
| 9/30/08 20:00 | 8016 | 53.225 | 1.063 | 0.460 | 0.001 |
| 10/1/08 4:00 | 8024 | 53.222 | 1.061 | 0.459 | -0.002 |
| 10/1/08 12:00 | 8032 | 53.219 | 1.064 | 0.461 | 0.003 |
| 10/1/08 20:00 | 8040 | 53.218 | 1.064 | 0.461 | 0.000 |
| 10/2/08 4:00 | 8048 | 53.222 | 1.063 | 0.461 | -0.001 |
| 10/2/08 12:00 | 8056 | 53.220 | 1.065 | 0.461 | 0.002 |
| 10/2/08 20:00 | 8064 | 53.223 | 1.065 | 0.461 | 0.000 |
| 10/3/08 4:00 | 8072 | 53.220 | 1.065 | 0.461 | 0.000 |
| 10/3/08 12:00 | 8080 | 53.219 | 1.067 | 0.462 | 0.002 |
| 10/3/08 20:00 | 8088 | 53.216 | 1.068 | 0.462 | 0.001 |
| 10/4/08 4:00 | 8096 | 53.221 | 1.067 | 0.462 | -0.001 |
| 10/4/08 12:00 | 8104 | 53.217 | 1.068 | 0.462 | 0.001 |
| 10/4/08 20:00 | 8112 | 53.220 | 1.067 | 0.462 | -0.001 |
| 10/5/08 4:00 | 8120 | 53.212 | 1.063 | 0.461 | -0.004 |
| 10/5/08 12:00 | 8128 | 53.220 | 1.065 | 0.461 | 0.002 |
| 10/5/08 20:00 | 8136 | 53.220 | 1.064 | 0.461 | -0.001 |
| 10/6/08 4:00 | 8144 | 53.215 | 1.063 | 0.460 | -0.001 |
| 10/6/08 12:00 | 8152 | 53.220 | 1.065 | 0.461 | 0.002 |
| 10/6/08 20:00 | 8160 | 53.220 | 1.064 | 0.461 | -0.001 |
| 10/7/08 4:00 | 8168 | 53.221 | 1.063 | 0.460 | -0.001 |
| 10/7/08 12:00 | 8176 | 53.221 | 1.065 | 0.461 | 0.002 |
| 10/7/08 20:00 | 8184 | 53.217 | 1.065 | 0.461 | 0.000 |
| 10/8/08 4:00 | 8192 | 53.217 | 1.064 | 0.461 | -0.001 |
| 10/8/08 12:00 | 8200 | 53.218 | 1.064 | 0.461 | 0.000 |
| 10/8/08 20:00 | 8208 | 53.213 | 1.068 | 0.463 | 0.004 |
| 10/9/08 4:00 | 8216 | 53.213 | 1.070 | 0.463 | 0.002 |
| 10/9/08 12:00 | 8224 | 53.207 | 1.066 | 0.462 | -0.004 |
| 10/9/08 20:00 | 8232 | 53.207 | 1.069 | 0.463 | 0.003 |
| 10/10/08 4:00 | 8240 | 53.203 | 1.070 | 0.463 | 0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 10/10/08 12:00 | 8248 | 53.206 | 1.069 | 0.463 | -0.001 |
| 10/10/08 20:00 | 8256 | 53.200 | 1.070 | 0.463 | 0.001 |
| 10/11/08 4:00 | 8264 | 53.189 | 1.070 | 0.464 | 0.000 |
| 10/11/08 12:00 | 8272 | 53.204 | 1.067 | 0.462 | -0.003 |
| 10/11/08 20:00 | 8280 | 53.198 | 1.069 | 0.463 | 0.002 |
| 10/12/08 4:00 | 8288 | 53.191 | 1.067 | 0.462 | -0.002 |
| 10/12/08 12:00 | 8296 | 53.197 | 1.066 | 0.462 | -0.001 |
| 10/12/08 20:00 | 8304 | 53.199 | 1.068 | 0.463 | 0.002 |
| 10/13/08 4:00 | 8312 | 53.202 | 1.067 | 0.462 | -0.001 |
| 10/13/08 12:00 | 8320 | 53.207 | 1.066 | 0.462 | -0.001 |
| 10/13/08 20:00 | 8328 | 53.206 | 1.069 | 0.463 | 0.003 |
| 10/14/08 4:00 | 8336 | 53.200 | 1.068 | 0.463 | -0.001 |
| 10/14/08 12:00 | 8344 | 53.203 | 1.069 | 0.463 | 0.001 |
| 10/14/08 20:00 | 8352 | 53.206 | 1.073 | 0.465 | 0.004 |
| 10/15/08 4:00 | 8360 | 53.204 | 1.070 | 0.463 | -0.003 |
| 10/15/08 12:00 | 8368 | 53.209 | 1.073 | 0.464 | 0.003 |
| 10/15/08 20:00 | 8376 | 53.214 | 1.074 | 0.465 | 0.001 |
| 10/16/08 4:00 | 8384 | 53.207 | 1.071 | 0.464 | -0.003 |
| 10/16/08 12:00 | 8392 | 53.209 | 1.072 | 0.464 | 0.001 |
| 10/16/08 20:00 | 8400 | 53.213 | 1.075 | 0.465 | 0.003 |
| 10/17/08 4:00 | 8408 | 53.214 | 1.071 | 0.464 | -0.004 |
| 10/17/08 12:00 | 8416 | 53.208 | 1.075 | 0.465 | 0.004 |
| 10/17/08 20:00 | 8424 | 53.215 | 1.076 | 0.466 | 0.001 |
| 10/18/08 4:00 | 8432 | 53.216 | 1.074 | 0.465 | -0.002 |
| 10/18/08 12:00 | 8440 | 53.213 | 1.075 | 0.466 | 0.001 |
| 10/18/08 20:00 | 8448 | 53.213 | 1.077 | 0.466 | 0.002 |
| 10/19/08 4:00 | 8456 | 53.211 | 1.074 | 0.465 | -0.003 |
| 10/19/08 12:00 | 8464 | 53.219 | 1.076 | 0.466 | 0.002 |
| 10/19/08 20:00 | 8472 | 53.210 | 1.078 | 0.467 | 0.002 |
| 10/20/08 4:00 | 8480 | 53.212 | 1.077 | 0.466 | -0.001 |
| 10/20/08 12:00 | 8488 | 53.211 | 1.074 | 0.465 | -0.003 |
| 10/20/08 20:00 | 8496 | 53.209 | 1.077 | 0.466 | 0.003 |
| 10/21/08 4:00 | 8504 | 53.207 | 1.076 | 0.466 | -0.001 |
| 10/21/08 12:00 | 8512 | 53.202 | 1.073 | 0.465 | -0.003 |
| 10/21/08 20:00 | 8520 | 53.207 | 1.074 | 0.465 | 0.001 |
| 10/22/08 4:00 | 8528 | 53.200 | 1.075 | 0.466 | 0.001 |
| 10/22/08 12:00 | 8536 | 53.201 | 1.073 | 0.465 | -0.002 |
| 10/22/08 20:00 | 8544 | 53.209 | 1.077 | 0.466 | 0.004 |
| 10/23/08 4:00 | 8552 | 53.201 | 1.078 | 0.467 | 0.001 |
| 10/23/08 12:00 | 8560 | 53.201 | 1.076 | 0.466 | -0.002 |
| 10/23/08 20:00 | 8568 | 53.210 | 1.079 | 0.467 | 0.003 |
| 10/24/08 4:00 | 8576 | 53.207 | 1.077 | 0.466 | -0.002 |
| 10/24/08 12:00 | 8584 | 53.207 | 1.076 | 0.466 | -0.001 |
| 10/24/08 20:00 | 8592 | 53.210 | 1.078 | 0.467 | 0.002 |
| 10/25/08 4:00 | 8600 | 53.204 | 1.080 | 0.468 | 0.002 |
| 10/25/08 12:00 | 8608 | 53.213 | 1.078 | 0.467 | -0.002 |
| 10/25/08 20:00 | 8616 | 53.204 | 1.080 | 0.468 | 0.002 |
| 10/26/08 4:00 | 8624 | 53.202 | 1.079 | 0.467 | -0.001 |
| 10/26/08 12:00 | 8632 | 53.204 | 1.077 | 0.467 | -0.002 |
| 10/26/08 20:00 | 8640 | 53.206 | 1.080 | 0.468 | 0.003 |
| 10/27/08 4:00 | 8648 | 53.211 | 1.079 | 0.467 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 10/27/08 12:00 | 8656 | 53.208 | 1.079 | 0.467 | 0.000 |
| 10/27/08 20:00 | 8664 | 53.207 | 1.080 | 0.468 | 0.001 |
| 10/28/08 4:00 | 8672 | 53.207 | 1.080 | 0.468 | 0.000 |
| 10/28/08 12:00 | 8680 | 53.206 | 1.080 | 0.468 | 0.000 |
| 10/28/08 20:00 | 8688 | 53.209 | 1.082 | 0.469 | 0.002 |
| 10/29/08 4:00 | 8696 | 53.210 | 1.082 | 0.468 | 0.000 |
| 10/29/08 12:00 | 8704 | 53.207 | 1.085 | 0.470 | 0.003 |
| 10/29/08 20:00 | 8712 | 53.204 | 1.086 | 0.470 | 0.001 |
| 10/30/08 4:00 | 8720 | 53.211 | 1.083 | 0.469 | -0.003 |
| 10/30/08 12:00 | 8728 | 53.208 | 1.085 | 0.470 | 0.002 |
| 10/30/08 20:00 | 8736 | 53.207 | 1.084 | 0.469 | -0.001 |
| 10/31/08 4:00 | 8744 | 53.207 | 1.083 | 0.469 | -0.001 |
| 10/31/08 12:00 | 8752 | 53.212 | 1.085 | 0.470 | 0.002 |
| 10/31/08 20:00 | 8760 | 53.207 | 1.085 | 0.470 | 0.000 |
| 11/1/08 4:00 | 8768 | 53.212 | 1.082 | 0.469 | -0.003 |
| 11/1/08 12:00 | 8776 | 53.208 | 1.086 | 0.471 | 0.004 |
| 11/1/08 20:00 | 8784 | 53.210 | 1.088 | 0.471 | 0.002 |
| 11/2/08 4:00 | 8792 | 53.201 | 1.087 | 0.471 | -0.001 |
| 11/2/08 12:00 | 8800 | 53.202 | 1.086 | 0.470 | -0.001 |
| 11/2/08 20:00 | 8808 | 53.207 | 1.088 | 0.471 | 0.002 |
| 11/3/08 4:00 | 8816 | 53.200 | 1.085 | 0.470 | -0.003 |
| 11/3/08 12:00 | 8824 | 53.202 | 1.088 | 0.471 | 0.003 |
| 11/3/08 20:00 | 8832 | 53.201 | 1.093 | 0.473 | 0.005 |
| 11/4/08 4:00 | 8840 | 53.201 | 1.087 | 0.471 | -0.006 |
| 11/4/08 12:00 | 8848 | 53.200 | 1.086 | 0.470 | -0.001 |
| 11/4/08 20:00 | 8856 | 53.196 | 1.087 | 0.471 | 0.001 |
| 11/5/08 4:00 | 8864 | 53.193 | 1.087 | 0.471 | 0.000 |
| 11/5/08 12:00 | 8872 | 53.195 | 1.085 | 0.470 | -0.002 |
| 11/5/08 20:00 | 8880 | 53.197 | 1.087 | 0.471 | 0.002 |
| 11/6/08 4:00 | 8888 | 53.194 | 1.088 | 0.471 | 0.001 |
| 11/6/08 12:00 | 8896 | 53.201 | 1.086 | 0.470 | -0.002 |
| 11/6/08 20:00 | 8904 | 53.203 | 1.088 | 0.471 | 0.002 |
| 11/7/08 4:00 | 8912 | 53.201 | 1.087 | 0.471 | -0.001 |
| 11/7/08 12:00 | 8920 | 53.201 | 1.087 | 0.471 | 0.000 |
| 11/7/08 20:00 | 8928 | 53.202 | 1.087 | 0.471 | 0.000 |
| 11/8/08 4:00 | 8936 | 53.206 | 1.092 | 0.473 | 0.005 |
| 11/8/08 12:00 | 8944 | 53.202 | 1.092 | 0.473 | 0.000 |
| 11/8/08 20:00 | 8952 | 53.206 | 1.094 | 0.474 | 0.002 |
| 11/9/08 4:00 | 8960 | 53.201 | 1.096 | 0.475 | 0.002 |
| 11/9/08 12:00 | 8968 | 53.201 | 1.091 | 0.472 | -0.005 |
| 11/9/08 20:00 | 8976 | 53.202 | 1.092 | 0.473 | 0.001 |
| 11/10/08 4:00 | 8984 | 53.192 | 1.093 | 0.473 | 0.001 |
| 11/10/08 12:00 | 8992 | 53.196 | 1.090 | 0.472 | -0.003 |
| 11/10/08 20:00 | 9000 | 53.196 | 1.093 | 0.473 | 0.003 |
| 11/11/08 4:00 | 9008 | 53.196 | 1.088 | 0.471 | -0.005 |
| 11/11/08 12:00 | 9016 | 53.204 | 1.090 | 0.472 | 0.002 |
| 11/11/08 20:00 | 9024 | 53.200 | 1.091 | 0.472 | 0.001 |
| 11/12/08 4:00 | 9032 | 53.204 | 1.090 | 0.472 | -0.001 |
| 11/12/08 12:00 | 9040 | 53.205 | 1.090 | 0.472 | 0.000 |
| 11/12/08 20:00 | 9048 | 53.204 | 1.092 | 0.473 | 0.002 |
| 11/13/08 4:00 | 9056 | 53.201 | 1.090 | 0.472 | -0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/13/08 12:00 | 9064 | 53.200 | 1.093 | 0.473 | 0.003 |
| 11/13/08 20:00 | 9072 | 53.196 | 1.092 | 0.473 | -0.001 |
| 11/14/08 4:00 | 9080 | 53.196 | 1.086 | 0.470 | -0.006 |
| 11/14/08 12:00 | 9088 | 53.198 | 1.090 | 0.472 | 0.004 |
| 11/14/08 20:00 | 9096 | 53.201 | 1.091 | 0.472 | 0.001 |
| 11/15/08 4:00 | 9104 | 53.197 | 1.088 | 0.471 | -0.003 |
| 11/15/08 12:00 | 9112 | 53.195 | 1.093 | 0.473 | 0.005 |
| 11/15/08 20:00 | 9120 | 53.201 | 1.093 | 0.473 | 0.000 |
| 11/16/08 4:00 | 9128 | 53.195 | 1.090 | 0.472 | -0.003 |
| 11/16/08 12:00 | 9136 | 53.201 | 1.092 | 0.473 | 0.002 |
| 11/16/08 20:00 | 9144 | 53.198 | 1.093 | 0.473 | 0.001 |
| 11/17/08 4:00 | 9152 | 53.200 | 1.092 | 0.473 | -0.001 |
| 11/17/08 12:00 | 9160 | 53.200 | 1.092 | 0.473 | 0.000 |
| 11/17/08 20:00 | 9168 | 53.202 | 1.093 | 0.473 | 0.001 |
| 11/18/08 4:00 | 9176 | 53.197 | 1.092 | 0.473 | -0.001 |
| 11/18/08 12:00 | 9184 | 53.206 | 1.095 | 0.474 | 0.003 |
| 11/18/08 20:00 | 9192 | 53.204 | 1.093 | 0.473 | -0.002 |
| 11/19/08 4:00 | 9200 | 53.202 | 1.093 | 0.473 | 0.000 |
| 11/19/08 12:00 | 9208 | 53.202 | 1.094 | 0.474 | 0.001 |
| 11/19/08 20:00 | 9216 | 53.205 | 1.092 | 0.473 | -0.002 |
| 11/20/08 4:00 | 9224 | 53.201 | 1.094 | 0.474 | 0.002 |
| 11/20/08 12:00 | 9232 | 53.201 | 1.094 | 0.474 | 0.000 |
| 11/20/08 20:32 | 9240 | 53.212 | 1.099 | 0.476 | 0.005 |
| 11/21/08 3:34 | 9248 | 53.217 | 1.098 | 0.476 | -0.001 |
| 11/21/08 23:35 | 9256 | 53.125 | 1.017 | 0.441 | -0.081 |
| 11/21/08 7:35 | 9264 | 53.119 | 1.017 | 0.440 | 0.000 |
| 11/21/08 15:35 | 9272 | 53.131 | 1.019 | 0.441 | 0.002 |
| 11/21/08 23:35 | 9280 | 53.125 | 1.019 | 0.441 | 0.000 |
| 11/22/08 7:35 | 9288 | 53.123 | 1.019 | 0.441 | 0.000 |
| 11/22/08 15:35 | 9296 | 53.131 | 1.020 | 0.442 | 0.001 |
| 11/22/08 23:35 | 9304 | 53.127 | 1.016 | 0.440 | -0.004 |
| 11/23/08 7:35 | 9312 | 53.121 | 1.019 | 0.441 | 0.003 |
| 11/23/08 15:35 | 9320 | 53.135 | 1.016 | 0.440 | -0.003 |
| 11/23/08 23:35 | 9328 | 53.129 | 1.014 | 0.439 | -0.002 |
| 11/24/08 7:35 | 9336 | 53.120 | 1.017 | 0.440 | 0.003 |
| 11/24/08 15:35 | 9344 | 53.132 | 1.018 | 0.441 | 0.001 |
| 11/24/08 23:35 | 9352 | 53.124 | 1.014 | 0.439 | -0.004 |
| 11/25/08 7:35 | 9360 | 53.125 | 1.018 | 0.441 | 0.004 |
| 11/25/08 15:35 | 9368 | 53.130 | 1.018 | 0.441 | 0.000 |
| 11/25/08 23:35 | 9376 | 53.121 | 1.017 | 0.440 | -0.001 |
| 11/26/08 7:35 | 9384 | 53.127 | 1.018 | 0.441 | 0.001 |
| 11/26/08 15:35 | 9392 | 53.133 | 1.017 | 0.441 | -0.001 |
| 11/26/08 23:35 | 9400 | 53.122 | 1.016 | 0.440 | -0.001 |
| 11/27/08 7:35 | 9408 | 53.121 | 1.019 | 0.441 | 0.003 |
| 11/27/08 15:35 | 9416 | 53.132 | 1.016 | 0.440 | -0.003 |
| 11/27/08 23:35 | 9424 | 53.126 | 1.015 | 0.440 | -0.001 |
| 11/28/08 7:35 | 9432 | 53.117 | 1.016 | 0.440 | 0.001 |
| 11/28/08 15:35 | 9440 | 53.115 | 1.013 | 0.439 | -0.003 |
| 11/28/08 23:35 | 9448 | 53.116 | 1.012 | 0.438 | -0.001 |
| 11/29/08 7:35 | 9456 | 53.114 | 1.012 | 0.438 | 0.000 |
| 11/29/08 15:35 | 9464 | 53.124 | 1.014 | 0.439 | 0.002 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/29/08 23:35 | 9472 | 53.122 | 1.012 | 0.438 | -0.002 |
| 11/30/08 7:35 | 9480 | 53.119 | 1.013 | 0.439 | 0.001 |
| 11/30/08 15:35 | 9488 | 53.127 | 1.016 | 0.440 | 0.003 |
| 11/30/08 23:35 | 9496 | 53.123 | 1.015 | 0.440 | -0.001 |
| 12/1/08 7:35 | 9504 | 53.127 | 1.014 | 0.439 | -0.001 |
| 12/1/08 15:35 | 9512 | 53.133 | 1.017 | 0.440 | 0.003 |
| 12/1/08 23:35 | 9520 | 53.138 | 1.019 | 0.441 | 0.002 |
| 12/2/08 7:35 | 9528 | 53.126 | 1.015 | 0.440 | -0.004 |
| 12/2/08 15:35 | 9536 | 53.134 | 1.018 | 0.441 | 0.003 |
| 12/2/08 23:35 | 9544 | 53.124 | 1.016 | 0.440 | -0.002 |
| 12/3/08 7:35 | 9552 | 53.114 | 1.016 | 0.440 | 0.000 |
| 12/3/08 15:35 | 9560 | 53.123 | 1.015 | 0.440 | -0.001 |
| 12/3/08 23:35 | 9568 | 53.120 | 1.016 | 0.440 | 0.001 |
| 12/4/08 7:35 | 9576 | 53.115 | 1.015 | 0.440 | -0.001 |
| 12/4/08 15:35 | 9584 | 53.120 | 1.018 | 0.441 | 0.003 |
| 12/4/08 23:35 | 9592 | 53.115 | 1.014 | 0.439 | -0.004 |
| 12/5/08 7:35 | 9600 | 53.103 | 1.015 | 0.439 | 0.001 |
| 12/5/08 15:35 | 9608 | 53.116 | 1.015 | 0.440 | 0.000 |
| 12/5/08 23:35 | 9616 | 53.110 | 1.014 | 0.439 | -0.001 |
| 12/6/08 7:35 | 9624 | 53.101 | 1.012 | 0.438 | -0.002 |
| 12/6/08 15:35 | 9632 | 53.116 | 1.018 | 0.441 | 0.006 |
| 12/6/08 23:35 | 9640 | 53.121 | 1.014 | 0.439 | -0.004 |
| 12/7/08 7:35 | 9648 | 53.114 | 1.018 | 0.441 | 0.004 |
| 12/7/08 15:35 | 9656 | 53.120 | 1.018 | 0.441 | 0.000 |
| 12/7/08 23:35 | 9664 | 53.114 | 1.016 | 0.440 | -0.002 |
| 12/8/08 7:35 | 9672 | 53.111 | 1.018 | 0.441 | 0.002 |
| 12/8/08 15:35 | 9680 | 53.115 | 1.015 | 0.439 | -0.003 |
| 12/8/08 23:35 | 9688 | 53.105 | 1.013 | 0.439 | -0.002 |
| 12/9/08 7:35 | 9696 | 53.101 | 1.015 | 0.440 | 0.002 |
| 12/9/08 15:35 | 9704 | 53.113 | 1.014 | 0.439 | -0.001 |
| 12/9/08 23:35 | 9712 | 53.097 | 1.014 | 0.439 | 0.000 |
| 12/10/08 7:35 | 9720 | 53.103 | 1.013 | 0.439 | -0.001 |
| 12/10/08 15:35 | 9728 | 53.113 | 1.015 | 0.440 | 0.002 |
| 12/10/08 23:35 | 9736 | 53.109 | 1.012 | 0.438 | -0.003 |
| 12/11/08 7:35 | 9744 | 53.109 | 1.016 | 0.440 | 0.004 |
| 12/11/08 15:35 | 9752 | 53.123 | 1.019 | 0.441 | 0.003 |
| 12/11/08 23:35 | 9760 | 53.118 | 1.016 | 0.440 | -0.003 |
| 12/12/08 7:35 | 9768 | 53.120 | 1.021 | 0.442 | 0.005 |
| 12/12/08 15:35 | 9776 | 53.125 | 1.020 | 0.442 | -0.001 |
| 12/12/08 23:35 | 9784 | 53.124 | 1.020 | 0.442 | 0.000 |
| 12/13/08 7:35 | 9792 | 53.096 | 1.019 | 0.441 | -0.001 |
| 12/13/08 15:35 | 9800 | 53.110 | 1.019 | 0.441 | 0.000 |
| 12/13/08 23:35 | 9808 | 53.095 | 1.020 | 0.442 | 0.001 |
| 12/14/08 7:35 | 9816 | 53.095 | 1.017 | 0.441 | -0.003 |
| 12/14/08 15:35 | 9824 | 53.095 | 1.020 | 0.442 | 0.003 |
| 12/14/08 23:35 | 9832 | 53.095 | 1.020 | 0.442 | 0.000 |
| 12/15/08 7:35 | 9840 | 53.092 | 1.019 | 0.441 | -0.001 |
| 12/15/08 15:35 | 9848 | 53.101 | 1.022 | 0.442 | 0.003 |
| 12/15/08 23:35 | 9856 | 53.083 | 1.018 | 0.441 | -0.004 |
| 12/16/08 7:35 | 9864 | 53.081 | 1.015 | 0.440 | -0.003 |
| 12/16/08 15:35 | 9872 | 53.082 | 1.014 | 0.439 | -0.001 |

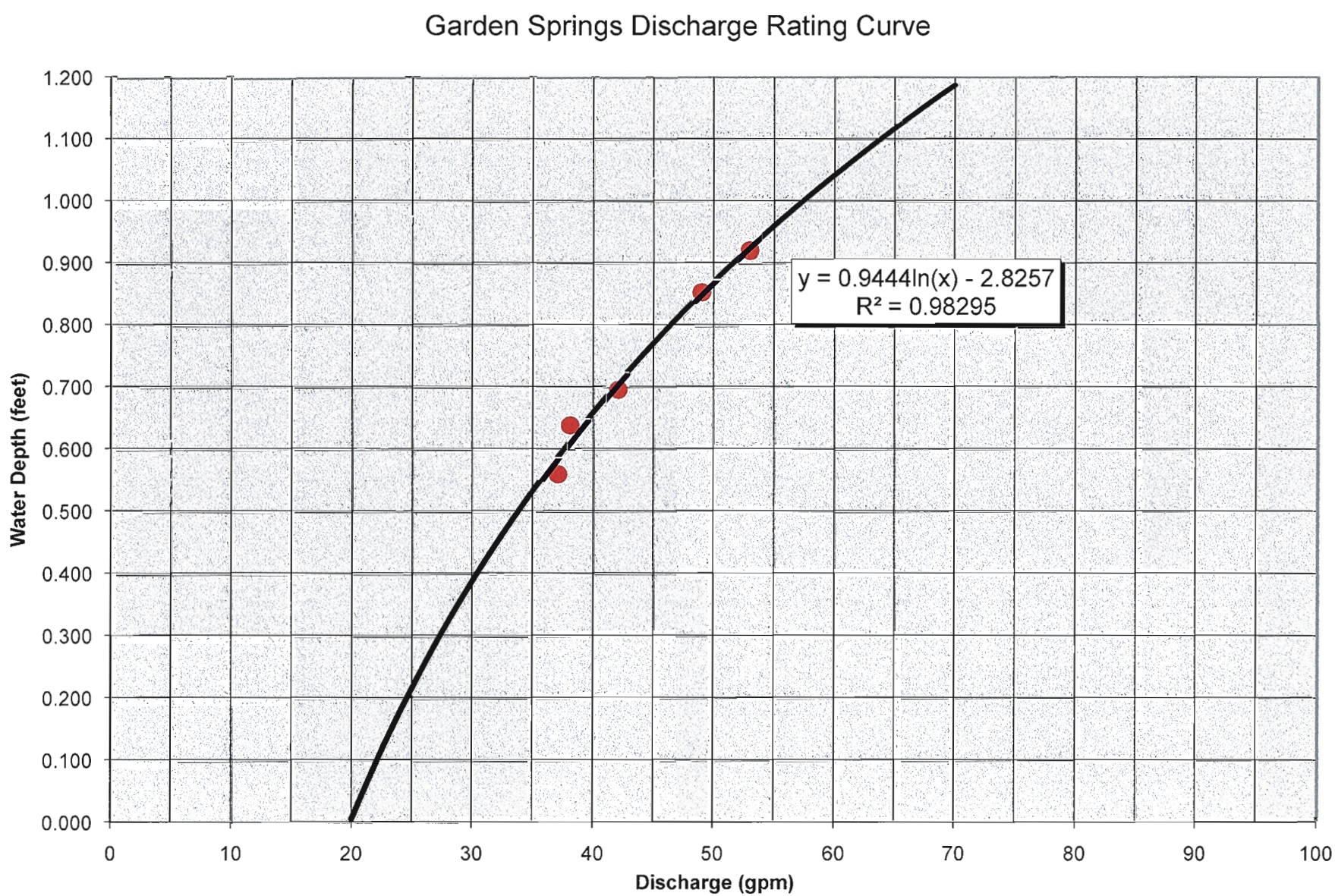
| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 12/16/08 23:35 | 9880 | 53.069 | 1.018 | 0.441 | 0.004 |
| 12/17/08 7:35 | 9888 | 53.054 | 1.014 | 0.439 | -0.004 |
| 12/17/08 15:35 | 9896 | 53.071 | 1.019 | 0.441 | 0.005 |
| 12/17/08 23:35 | 9904 | 53.059 | 1.019 | 0.441 | 0.000 |
| 12/18/08 7:35 | 9912 | 53.054 | 1.018 | 0.441 | -0.001 |
| 12/18/08 15:35 | 9920 | 53.074 | 1.018 | 0.441 | 0.000 |
| 12/18/08 23:35 | 9928 | 53.082 | 1.015 | 0.440 | -0.003 |
| 12/19/08 7:35 | 9936 | 53.083 | 1.017 | 0.441 | 0.002 |
| 12/19/08 15:35 | 9944 | 53.083 | 1.016 | 0.440 | -0.001 |
| 12/19/08 23:35 | 9952 | 53.081 | 1.013 | 0.439 | -0.003 |
| 12/20/08 7:35 | 9960 | 53.077 | 1.016 | 0.440 | 0.003 |
| 12/20/08 15:35 | 9968 | 53.086 | 1.015 | 0.439 | -0.001 |
| 12/20/08 23:35 | 9976 | 53.089 | 1.013 | 0.439 | -0.002 |
| 12/21/08 7:35 | 9984 | 53.091 | 1.020 | 0.442 | 0.007 |
| 12/21/08 15:35 | 9992 | 53.106 | 1.021 | 0.442 | 0.001 |
| 12/21/08 23:35 | 10000 | 53.107 | 1.021 | 0.442 | 0.000 |
| 12/22/08 7:35 | 10008 | 53.095 | 1.019 | 0.441 | -0.002 |
| 12/22/08 15:35 | 10016 | 53.095 | 1.022 | 0.443 | 0.003 |
| 12/22/08 23:35 | 10024 | 53.086 | 1.017 | 0.440 | -0.005 |
| 12/23/08 7:35 | 10032 | 53.084 | 1.020 | 0.442 | 0.003 |
| 12/23/08 15:35 | 10040 | 53.087 | 1.016 | 0.440 | -0.004 |
| 12/23/08 23:35 | 10048 | 53.083 | 1.016 | 0.440 | 0.000 |
| 12/24/08 7:35 | 10056 | 53.083 | 1.020 | 0.442 | 0.004 |
| 12/24/08 15:35 | 10064 | 53.095 | 1.020 | 0.442 | 0.000 |
| 12/24/08 23:35 | 10072 | 53.106 | 1.021 | 0.442 | 0.001 |
| 12/25/08 7:35 | 10080 | 53.107 | 1.025 | 0.444 | 0.004 |
| 12/25/08 15:35 | 10088 | 53.101 | 1.020 | 0.442 | -0.005 |
| 12/25/08 23:35 | 10096 | 53.083 | 1.018 | 0.441 | -0.002 |
| 12/26/08 7:35 | 10104 | 53.068 | 1.017 | 0.441 | -0.001 |
| 12/26/08 15:35 | 10112 | 53.081 | 1.015 | 0.440 | -0.002 |
| 12/26/08 23:35 | 10120 | 53.072 | 1.013 | 0.439 | -0.002 |
| 12/27/08 7:35 | 10128 | 53.079 | 1.015 | 0.439 | 0.002 |
| 12/27/08 15:35 | 10136 | 53.092 | 1.013 | 0.439 | -0.002 |
| 12/27/08 23:35 | 10144 | 53.094 | 1.014 | 0.439 | 0.001 |
| 12/28/08 7:35 | 10152 | 53.101 | 1.017 | 0.441 | 0.003 |
| 12/28/08 15:35 | 10160 | 53.113 | 1.018 | 0.441 | 0.001 |
| 12/28/08 23:35 | 10168 | 53.113 | 1.017 | 0.440 | -0.001 |
| 12/29/08 7:35 | 10176 | 53.114 | 1.020 | 0.442 | 0.003 |
| 12/29/08 15:35 | 10184 | 53.121 | 1.017 | 0.440 | -0.003 |
| 12/29/08 23:35 | 10192 | 53.116 | 1.017 | 0.440 | 0.000 |
| 12/30/08 7:35 | 10200 | 53.105 | 1.018 | 0.441 | 0.001 |
| 12/30/08 15:35 | 10208 | 53.113 | 1.020 | 0.442 | 0.002 |
| 12/30/08 23:35 | 10216 | 53.111 | 1.017 | 0.440 | -0.003 |
| 12/31/08 7:35 | 10224 | 53.106 | 1.020 | 0.442 | 0.003 |
| 12/31/08 15:35 | 10232 | 53.114 | 1.020 | 0.442 | 0.000 |
| 12/31/08 23:35 | 10240 | 53.112 | 1.017 | 0.441 | -0.003 |
| 1/1/09 7:35 | 10248 | 53.106 | 1.019 | 0.441 | 0.002 |
| 1/1/09 15:35 | 10256 | 53.119 | 1.021 | 0.442 | 0.002 |
| 1/1/09 23:35 | 10264 | 53.122 | 1.022 | 0.443 | 0.001 |
| 1/2/09 7:35 | 10272 | 53.114 | 1.023 | 0.443 | 0.001 |
| 1/2/09 15:35 | 10280 | 53.113 | 1.022 | 0.443 | -0.001 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/2/09 23:35 | 10288 | 53.098 | 1.021 | 0.442 | -0.001 |
| 1/3/09 7:35 | 10296 | 53.083 | 1.019 | 0.442 | -0.002 |
| 1/3/09 15:35 | 10304 | 53.090 | 1.017 | 0.440 | -0.002 |
| 1/3/09 23:35 | 10312 | 53.079 | 1.021 | 0.442 | 0.004 |
| 1/4/09 7:35 | 10320 | 53.066 | 1.017 | 0.441 | -0.004 |
| 1/4/09 15:35 | 10328 | 53.087 | 1.019 | 0.441 | 0.002 |
| 1/4/09 23:35 | 10336 | 53.088 | 1.019 | 0.441 | 0.000 |
| 1/5/09 7:35 | 10344 | 53.104 | 1.022 | 0.443 | 0.003 |
| 1/5/09 15:35 | 10352 | 53.108 | 1.020 | 0.442 | -0.002 |
| 1/5/09 23:35 | 10360 | 53.103 | 1.019 | 0.441 | -0.001 |
| 1/6/09 7:35 | 10368 | 53.108 | 1.022 | 0.443 | 0.003 |
| 1/6/09 15:35 | 10376 | 53.111 | 1.022 | 0.443 | 0.000 |
| 1/6/09 23:35 | 10384 | 53.115 | 1.018 | 0.441 | -0.004 |
| 1/7/09 7:35 | 10392 | 53.120 | 1.022 | 0.443 | 0.004 |
| 1/7/09 15:35 | 10400 | 53.131 | 1.020 | 0.442 | -0.002 |
| 1/7/09 23:35 | 10408 | 53.127 | 1.019 | 0.441 | -0.001 |
| 1/8/09 7:35 | 10416 | 53.124 | 1.023 | 0.443 | 0.004 |
| 1/8/09 15:35 | 10424 | 53.122 | 1.021 | 0.442 | -0.002 |
| 1/8/09 23:35 | 10432 | 53.103 | 1.016 | 0.440 | -0.005 |
| 1/9/09 7:35 | 10440 | 53.095 | 1.018 | 0.441 | 0.002 |
| 1/9/09 15:35 | 10448 | 53.096 | 1.020 | 0.442 | 0.002 |
| 1/9/09 23:35 | 10456 | 53.087 | 1.017 | 0.441 | -0.003 |
| 1/10/09 7:35 | 10464 | 53.083 | 1.020 | 0.442 | 0.003 |
| 1/10/09 15:35 | 10472 | 53.099 | 1.021 | 0.442 | 0.001 |
| 1/10/09 23:35 | 10480 | 53.090 | 1.018 | 0.441 | -0.003 |
| 1/11/09 7:35 | 10488 | 53.094 | 1.020 | 0.442 | 0.002 |
| 1/11/09 15:35 | 10496 | 53.108 | 1.021 | 0.442 | 0.001 |
| 1/11/09 23:35 | 10504 | 53.110 | 1.019 | 0.441 | -0.002 |
| 1/12/09 7:35 | 10512 | 53.104 | 1.020 | 0.442 | 0.001 |
| 1/12/09 15:35 | 10520 | 53.116 | 1.020 | 0.442 | 0.000 |
| 1/12/09 23:35 | 10528 | 53.116 | 1.022 | 0.443 | 0.002 |
| 1/13/09 7:35 | 10536 | 53.119 | 1.020 | 0.442 | -0.002 |
| 1/13/09 15:35 | 10544 | 53.116 | 1.021 | 0.442 | 0.001 |
| 1/13/09 23:35 | 10552 | 53.119 | 1.022 | 0.443 | 0.001 |
| 1/14/09 7:35 | 10560 | 53.105 | 1.020 | 0.442 | -0.002 |
| 1/14/09 15:35 | 10568 | 53.111 | 1.021 | 0.442 | 0.001 |
| 1/14/09 23:35 | 10576 | 53.105 | 1.022 | 0.443 | 0.001 |
| 1/15/09 7:35 | 10584 | 53.107 | 1.022 | 0.442 | 0.000 |
| 1/15/09 15:35 | 10592 | 53.107 | 1.023 | 0.443 | 0.001 |
| 1/15/09 23:35 | 10600 | 53.106 | 1.023 | 0.443 | 0.000 |
| 1/16/09 7:35 | 10608 | 53.099 | 1.019 | 0.441 | -0.004 |
| 1/16/09 15:35 | 10616 | 53.107 | 1.022 | 0.443 | 0.003 |
| 1/16/09 23:35 | 10624 | 53.102 | 1.020 | 0.442 | -0.002 |
| 1/17/09 7:35 | 10632 | 53.098 | 1.022 | 0.443 | 0.002 |
| 1/17/09 15:35 | 10640 | 53.113 | 1.023 | 0.443 | 0.001 |
| 1/17/09 23:35 | 10648 | 53.102 | 1.020 | 0.442 | -0.003 |
| 1/18/09 7:35 | 10656 | 53.095 | 1.023 | 0.443 | 0.003 |
| 1/18/09 15:35 | 10664 | 53.105 | 1.022 | 0.443 | -0.001 |
| 1/18/09 23:35 | 10672 | 53.109 | 1.019 | 0.442 | -0.003 |
| 1/19/09 7:35 | 10680 | 53.089 | 1.023 | 0.443 | 0.004 |
| 1/19/09 15:35 | 10688 | 53.095 | 1.023 | 0.443 | 0.000 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/19/09 23:35 | 10696 | 53.094 | 1.020 | 0.442 | -0.003 |
| 1/20/09 7:35 | 10704 | 53.086 | 1.021 | 0.442 | 0.001 |
| 1/20/09 15:35 | 10712 | 53.098 | 1.025 | 0.444 | 0.004 |
| 1/20/09 23:35 | 10720 | 53.099 | 1.020 | 0.442 | -0.005 |
| 1/21/09 7:35 | 10728 | 53.091 | 1.024 | 0.444 | 0.004 |
| 1/21/09 15:35 | 10736 | 53.102 | 1.027 | 0.445 | 0.003 |
| 1/21/09 23:35 | 10744 | 53.096 | 1.024 | 0.443 | -0.003 |
| 1/22/09 7:35 | 10752 | 53.113 | 1.025 | 0.444 | 0.001 |
| 1/22/09 15:35 | 10760 | 53.108 | 1.026 | 0.444 | 0.001 |
| 1/22/09 23:35 | 10768 | 53.112 | 1.022 | 0.443 | -0.004 |
| 1/23/09 7:35 | 10776 | 53.119 | 1.023 | 0.443 | 0.001 |
| 1/23/09 15:35 | 10784 | 53.113 | 1.025 | 0.444 | 0.002 |
| 1/23/09 23:35 | 10792 | 53.124 | 1.025 | 0.444 | 0.000 |
| 1/24/09 7:35 | 10800 | 53.118 | 1.023 | 0.443 | -0.002 |
| 1/24/09 15:35 | 10808 | 53.117 | 1.023 | 0.443 | 0.000 |
| 1/24/09 23:35 | 10816 | 53.107 | 1.025 | 0.444 | 0.002 |
| 1/25/09 7:35 | 10824 | 53.109 | 1.028 | 0.445 | 0.003 |
| 1/25/09 15:35 | 10832 | 53.102 | 1.027 | 0.445 | -0.001 |
| 1/25/09 23:35 | 10840 | 53.089 | 1.023 | 0.443 | -0.004 |
| 1/26/09 7:35 | 10848 | 53.080 | 1.024 | 0.443 | 0.001 |
| 1/26/09 15:35 | 10856 | 53.092 | 1.022 | 0.442 | -0.002 |
| 1/26/09 23:35 | 10864 | 53.078 | 1.019 | 0.441 | -0.003 |
| 1/27/09 7:35 | 10872 | 53.062 | 1.021 | 0.442 | 0.002 |
| 1/27/09 15:35 | 10880 | 53.079 | 1.020 | 0.442 | -0.001 |
| 1/27/09 23:35 | 10888 | 53.092 | 1.020 | 0.442 | 0.000 |
| 1/28/09 7:35 | 10896 | 53.087 | 1.017 | 0.440 | -0.003 |
| 1/28/09 15:35 | 10904 | 53.113 | 1.023 | 0.443 | 0.006 |
| 1/28/09 23:35 | 10912 | 53.109 | 1.022 | 0.443 | -0.001 |
| 1/29/09 7:35 | 10920 | 53.101 | 1.021 | 0.442 | -0.001 |
| 1/29/09 15:35 | 10928 | 53.107 | 1.021 | 0.442 | 0.000 |
| 1/29/09 23:35 | 10936 | 53.107 | 1.022 | 0.442 | 0.001 |
| 1/30/09 7:35 | 10944 | 53.102 | 1.021 | 0.442 | -0.001 |
| 1/30/09 15:35 | 10952 | 53.109 | 1.023 | 0.443 | 0.002 |
| 1/30/09 23:35 | 10960 | 53.107 | 1.022 | 0.443 | -0.001 |
| 1/31/09 7:35 | 10968 | 53.094 | 1.027 | 0.445 | 0.005 |
| 1/31/09 15:35 | 10976 | 53.112 | 1.024 | 0.443 | -0.003 |
| 1/31/09 23:35 | 10984 | 53.106 | 1.024 | 0.444 | 0.000 |
| 2/1/09 7:35 | 10992 | 53.095 | 1.024 | 0.443 | 0.000 |
| 2/1/09 15:35 | 11000 | 53.108 | 1.021 | 0.442 | -0.003 |
| 2/1/09 23:35 | 11008 | 53.105 | 1.023 | 0.443 | 0.002 |
| 2/2/09 7:35 | 11016 | 53.100 | 1.023 | 0.443 | 0.000 |
| 2/2/09 15:35 | 11024 | 53.110 | 1.023 | 0.443 | 0.000 |
| 2/2/09 23:35 | 11032 | 53.113 | 1.021 | 0.442 | -0.002 |
| 2/3/09 7:35 | 11040 | 53.105 | 1.024 | 0.444 | 0.003 |
| 2/3/09 15:35 | 11048 | 53.113 | 1.027 | 0.445 | 0.003 |
| 2/3/09 23:35 | 11056 | 53.115 | 1.023 | 0.443 | -0.004 |
| 2/4/09 7:35 | 11064 | 53.113 | 1.023 | 0.443 | 0.000 |
| 2/4/09 15:35 | 11072 | 53.113 | 1.027 | 0.445 | 0.004 |
| 2/4/09 23:35 | 11080 | 53.122 | 1.025 | 0.444 | -0.002 |
| 2/5/09 7:35 | 11088 | 53.124 | 1.027 | 0.445 | 0.002 |
| 2/5/09 15:35 | 11096 | 53.119 | 1.022 | 0.443 | -0.005 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 2/5/09 23:35 | 11104 | 53.120 | 1.021 | 0.442 | -0.001 |
| 2/6/09 7:35 | 11112 | 53.107 | 1.025 | 0.444 | 0.004 |
| 2/6/09 15:35 | 11120 | 53.116 | 1.025 | 0.444 | 0.000 |
| 2/6/09 23:35 | 11128 | 53.121 | 1.024 | 0.443 | -0.001 |
| 2/7/09 7:35 | 11136 | 53.112 | 1.025 | 0.444 | 0.001 |
| 2/7/09 15:35 | 11144 | 53.116 | 1.024 | 0.444 | -0.001 |
| 2/7/09 23:35 | 11152 | 53.114 | 1.022 | 0.443 | -0.002 |
| 2/8/09 7:35 | 11160 | 53.100 | 1.026 | 0.444 | 0.004 |
| 2/8/09 15:35 | 11168 | 53.106 | 1.028 | 0.445 | 0.002 |
| 2/8/09 23:35 | 11176 | 53.101 | 1.023 | 0.443 | -0.005 |
| 2/9/09 7:35 | 11184 | 53.093 | 1.025 | 0.444 | 0.002 |
| 2/9/09 15:35 | 11192 | 53.100 | 1.025 | 0.444 | 0.000 |
| 2/9/09 23:35 | 11200 | 53.094 | 1.021 | 0.442 | -0.004 |
| 2/10/09 7:35 | 11208 | 53.081 | 1.020 | 0.442 | -0.001 |
| 2/10/09 15:35 | 11216 | 53.104 | 1.024 | 0.443 | 0.004 |
| 2/10/09 23:35 | 11224 | 53.101 | 1.023 | 0.443 | -0.001 |
| 2/11/09 7:35 | 11232 | 53.104 | 1.021 | 0.442 | -0.002 |
| 2/11/09 15:35 | 11240 | 53.108 | 1.022 | 0.443 | 0.001 |
| 2/11/09 23:35 | 11248 | 53.105 | 1.024 | 0.443 | 0.002 |
| 2/12/09 7:35 | 11256 | 53.101 | 1.021 | 0.442 | -0.003 |
| 2/12/09 15:35 | 11264 | 53.109 | 1.017 | 0.440 | -0.004 |
| 2/12/09 23:35 | 11272 | 53.109 | 1.027 | 0.445 | 0.010 |
| 2/13/09 7:35 | 11280 | 53.098 | 1.026 | 0.444 | -0.001 |
| 2/13/09 15:35 | 11288 | 53.111 | 1.024 | 0.444 | -0.002 |
| 2/13/09 23:35 | 11296 | 53.089 | 1.026 | 0.444 | 0.002 |
| 2/14/09 7:35 | 11304 | 53.087 | 1.023 | 0.443 | -0.003 |
| 2/14/09 15:35 | 11312 | 53.104 | 1.023 | 0.443 | 0.000 |
| 2/14/09 23:35 | 11320 | 53.101 | 1.022 | 0.443 | -0.001 |
| 2/15/09 7:35 | 11328 | 53.104 | 1.026 | 0.444 | 0.004 |
| 2/15/09 15:35 | 11336 | 53.108 | 1.026 | 0.445 | 0.000 |
| 2/15/09 23:35 | 11344 | 53.117 | 1.023 | 0.443 | -0.003 |
| 2/16/09 7:35 | 11352 | 53.107 | 1.026 | 0.444 | 0.003 |
| 2/16/09 15:35 | 11360 | 53.112 | 1.027 | 0.445 | 0.001 |
| 2/16/09 23:35 | 11368 | 53.102 | 1.025 | 0.444 | -0.002 |
| 2/17/09 7:35 | 11376 | 53.107 | 1.023 | 0.443 | -0.002 |
| 2/17/09 15:35 | 11384 | 53.107 | 1.025 | 0.444 | 0.002 |
| 2/17/09 23:35 | 11392 | 53.108 | 1.020 | 0.442 | -0.005 |
| 2/18/09 7:35 | 11400 | 53.105 | 1.023 | 0.443 | 0.003 |
| 2/18/09 15:35 | 11408 | 53.110 | 1.021 | 0.442 | -0.002 |
| 2/18/09 23:35 | 11416 | 53.111 | 1.017 | 0.441 | -0.004 |
| 2/19/09 7:35 | 11424 | 53.103 | 1.023 | 0.443 | 0.006 |
| 2/19/09 15:35 | 11432 | 53.119 | 1.022 | 0.442 | -0.001 |
| 2/19/09 23:35 | 11440 | 53.113 | 1.020 | 0.442 | -0.002 |
| 2/20/09 7:35 | 11448 | 53.111 | 1.020 | 0.442 | 0.000 |
| 2/20/09 15:35 | 11456 | 53.124 | 1.024 | 0.444 | 0.004 |
| 2/20/09 23:35 | 11464 | 53.124 | 1.023 | 0.443 | -0.001 |
| 2/21/09 7:35 | 11472 | 53.113 | 1.022 | 0.443 | -0.001 |
| 2/21/09 15:35 | 11480 | 53.124 | 1.026 | 0.444 | 0.004 |
| 2/21/09 23:35 | 11488 | 53.126 | 1.021 | 0.442 | -0.005 |
| 2/22/09 7:35 | 11496 | 53.131 | 1.024 | 0.443 | 0.003 |
| 2/22/09 15:35 | 11504 | 53.137 | 1.024 | 0.444 | 0.000 |

| Date and Time | Elapsed Time (Hours) | Temperature (F) | Depth (feet) | Pressure (PSI) | Water level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 2/22/09 23:35 | 11512 | 53.139 | 1.022 | 0.442 | -0.002 |
| 2/23/09 7:35 | 11520 | 53.139 | 1.024 | 0.444 | 0.002 |
| 2/23/09 15:35 | 11528 | 53.139 | 1.023 | 0.443 | -0.001 |
| 2/23/09 23:35 | 11536 | 53.135 | 1.022 | 0.443 | -0.001 |
| 2/24/09 7:35 | 11544 | 53.134 | 1.021 | 0.442 | -0.001 |
| 2/24/09 15:35 | 11552 | 53.132 | 1.021 | 0.442 | 0.000 |
| 2/24/09 23:35 | 11560 | 53.129 | 1.021 | 0.442 | 0.000 |
| 2/25/09 7:35 | 11568 | 53.133 | 1.026 | 0.444 | 0.005 |


Garden Springs Discharge Rating Curve
y = 0.9444ln(x) - 2.8257
R² = 0.98295
Water Depth (feet)
1.200
1.100
1.000
0.900
0.800
0.700
0.600
0.500
0.400
0.300
0.200
0.100
0.000
0
10
20
30
40
50
60
70
80
90
100
Discharge (gpm)

# Garden Springs
## Water Level Measurements
## November 2007 - February 2009

Report Date: 2/27/09 15:33
Report User Name: david
Report Computer Nan OFFICE_MAC

Log File Properties
File Name gs11-01-07 2009-02-25 13.05.25.wsl
Create Date 2/25/09 13:04

Device Properties
Device Level TROLLÆ 500
Site Garden Springs
Device Name
Serial Number 120761
Firmware Version 2.04

Log Configuration
Log Name gs11-01-07
Created By Unknown
Computer Name Field PC
Application WinSituMobile.exe
Application Version 5.2.0.2
Create Date 11/1/07 11:22
Notes Size(bytes) 4096
Type Linear
Overwrite when full Disabled
Scheduled Start Time 11/1/07 12:00
Scheduled Stop No Stop Time
Interval Days: 0 Hours: 08 Mins: 00 Secs: 00
Level Reference Settings At Log Creation
Level Measurement Mode Depth
Specific Gravity 0.999

Record Count 1450

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/1/07 12:00 | 0 | 56.718 | 0.841 | 0.364 | -- |
| 11/1/07 20:00 | 8 | 56.712 | 0.799 | 0.346 | 0.042 |
| 11/2/07 4:00 | 16 | 56.693 | 0.818 | 0.354 | -0.019 |
| 11/2/07 12:00 | 24 | 56.691 | 0.915 | 0.396 | -0.097 |
| 11/2/07 20:00 | 32 | 56.693 | 0.903 | 0.391 | 0.012 |
| 11/3/07 4:00 | 40 | 56.688 | 0.952 | 0.412 | -0.049 |
| 11/3/07 12:00 | 48 | 56.686 | 0.978 | 0.424 | -0.026 |
| 11/3/07 20:00 | 56 | 56.689 | 0.894 | 0.387 | 0.084 |
| 11/4/07 4:00 | 64 | 56.681 | 0.867 | 0.376 | 0.027 |
| 11/4/07 12:00 | 72 | 56.674 | 0.869 | 0.376 | -0.002 |
| 11/4/07 20:00 | 80 | 56.675 | 0.781 | 0.338 | 0.088 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/5/07 4:00 | 88 | 56.672 | 0.801 | 0.347 | -0.020 |
| 11/5/07 12:00 | 96 | 56.665 | 0.814 | 0.353 | -0.013 |
| 11/5/07 20:00 | 104 | 56.669 | 0.742 | 0.321 | 0.072 |
| 11/6/07 4:00 | 112 | 56.670 | 0.741 | 0.321 | 0.001 |
| 11/6/07 12:00 | 120 | 56.662 | 0.783 | 0.339 | -0.042 |
| 11/6/07 20:00 | 128 | 56.667 | 0.751 | 0.325 | 0.032 |
| 11/7/07 4:00 | 136 | 56.671 | 0.801 | 0.347 | -0.050 |
| 11/7/07 12:00 | 144 | 56.674 | 0.815 | 0.353 | -0.014 |
| 11/7/07 20:00 | 152 | 56.671 | 0.737 | 0.319 | 0.078 |
| 11/8/07 4:00 | 160 | 56.674 | 0.698 | 0.302 | 0.039 |
| 11/8/07 12:00 | 168 | 56.670 | 0.701 | 0.304 | -0.003 |
| 11/8/07 20:00 | 176 | 56.681 | 0.592 | 0.256 | 0.109 |
| 11/9/07 4:00 | 184 | 56.678 | 0.563 | 0.244 | 0.029 |
| 11/9/07 12:00 | 192 | 56.685 | 0.578 | 0.251 | -0.015 |
| 11/9/07 20:00 | 200 | 56.696 | 0.522 | 0.226 | 0.056 |
| 11/10/07 4:00 | 208 | 56.694 | 0.549 | 0.238 | -0.027 |
| 11/10/07 12:00 | 216 | 56.690 | 0.582 | 0.252 | -0.033 |
| 11/10/07 20:00 | 224 | 56.689 | 0.511 | 0.221 | 0.071 |
| 11/11/07 4:00 | 232 | 56.699 | 0.469 | 0.203 | 0.042 |
| 11/11/07 12:00 | 240 | 56.699 | 0.636 | 0.276 | -0.167 |
| 11/11/07 20:00 | 248 | 56.699 | 0.754 | 0.327 | -0.118 |
| 11/12/07 4:00 | 256 | 56.685 | 0.777 | 0.337 | -0.023 |
| 11/12/07 12:00 | 264 | 56.687 | 0.827 | 0.358 | -0.050 |
| 11/12/07 20:00 | 272 | 56.682 | 0.766 | 0.332 | 0.061 |
| 11/13/07 4:00 | 280 | 56.689 | 0.759 | 0.329 | 0.007 |
| 11/13/07 12:00 | 288 | 56.697 | 0.816 | 0.353 | -0.057 |
| 11/13/07 20:00 | 296 | 56.711 | 0.810 | 0.351 | 0.006 |
| 11/14/07 4:00 | 304 | 56.710 | 0.849 | 0.368 | -0.039 |
| 11/14/07 12:00 | 312 | 56.703 | 0.884 | 0.383 | -0.035 |
| 11/14/07 20:00 | 320 | 56.699 | 0.764 | 0.331 | 0.120 |
| 11/15/07 4:00 | 328 | 56.689 | 0.692 | 0.300 | 0.072 |
| 11/15/07 12:00 | 336 | 56.684 | 0.670 | 0.290 | 0.022 |
| 11/15/07 20:00 | 344 | 56.693 | 0.627 | 0.272 | 0.043 |
| 11/16/07 4:00 | 352 | 56.693 | 0.648 | 0.280 | -0.021 |
| 11/16/07 12:00 | 360 | 56.703 | 0.661 | 0.286 | -0.013 |
| 11/16/07 20:00 | 368 | 56.705 | 0.646 | 0.280 | 0.015 |
| 11/17/07 4:00 | 376 | 56.706 | 0.677 | 0.293 | -0.031 |
| 11/17/07 12:00 | 384 | 56.711 | 0.699 | 0.303 | -0.022 |
| 11/17/07 20:00 | 392 | 56.711 | 0.666 | 0.288 | 0.033 |
| 11/18/07 4:00 | 400 | 56.709 | 0.655 | 0.284 | 0.011 |
| 11/18/07 12:00 | 408 | 56.705 | 0.671 | 0.291 | -0.016 |
| 11/18/07 20:00 | 416 | 56.712 | 0.587 | 0.254 | 0.084 |
| 11/19/07 4:00 | 424 | 56.709 | 0.540 | 0.234 | 0.047 |
| 11/19/07 12:00 | 432 | 56.711 | 0.582 | 0.252 | -0.042 |
| 11/19/07 20:00 | 440 | 56.707 | 0.684 | 0.296 | -0.102 |
| 11/20/07 4:00 | 448 | 56.687 | 0.725 | 0.314 | -0.041 |
| 11/20/07 12:00 | 456 | 56.679 | 0.784 | 0.339 | -0.059 |
| 11/20/07 20:00 | 464 | 56.676 | 0.829 | 0.359 | -0.045 |
| 11/21/07 4:00 | 472 | 56.672 | 0.866 | 0.375 | -0.037 |
| 11/21/07 12:00 | 480 | 56.654 | 0.870 | 0.377 | -0.004 |
| 11/21/07 20:00 | 488 | 56.652 | 0.770 | 0.333 | 0.100 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/22/07 4:00 | 496 | 56.647 | 0.718 | 0.311 | 0.052 |
| 11/22/07 12:00 | 504 | 56.634 | 0.771 | 0.334 | -0.053 |
| 11/22/07 20:00 | 512 | 56.637 | 0.744 | 0.322 | 0.027 |
| 11/23/07 4:00 | 520 | 56.612 | 0.796 | 0.345 | -0.052 |
| 11/23/07 12:00 | 528 | 56.616 | 0.858 | 0.372 | -0.062 |
| 11/23/07 20:00 | 536 | 56.621 | 0.817 | 0.354 | 0.041 |
| 11/24/07 4:00 | 544 | 56.607 | 0.804 | 0.348 | 0.013 |
| 11/24/07 12:00 | 552 | 56.595 | 0.787 | 0.341 | 0.017 |
| 11/24/07 20:00 | 560 | 56.598 | 0.664 | 0.288 | 0.123 |
| 11/25/07 4:00 | 568 | 56.598 | 0.624 | 0.270 | 0.040 |
| 11/25/07 12:00 | 576 | 56.602 | 0.657 | 0.284 | -0.033 |
| 11/25/07 20:00 | 584 | 56.601 | 0.689 | 0.298 | -0.032 |
| 11/26/07 4:00 | 592 | 56.597 | 0.795 | 0.344 | -0.106 |
| 11/26/07 12:00 | 600 | 56.602 | 0.846 | 0.366 | -0.051 |
| 11/26/07 20:00 | 608 | 56.600 | 0.715 | 0.310 | 0.131 |
| 11/27/07 4:00 | 616 | 56.603 | 0.642 | 0.278 | 0.073 |
| 11/27/07 12:00 | 624 | 56.603 | 0.782 | 0.339 | -0.140 |
| 11/27/07 20:00 | 632 | 56.615 | 0.829 | 0.359 | -0.047 |
| 11/28/07 4:00 | 640 | 56.602 | 0.982 | 0.425 | -0.153 |
| 11/28/07 12:00 | 648 | 56.592 | 0.965 | 0.418 | 0.017 |
| 11/28/07 20:00 | 656 | 56.595 | 0.754 | 0.326 | 0.211 |
| 11/29/07 4:00 | 664 | 56.602 | 0.696 | 0.301 | 0.058 |
| 11/29/07 12:00 | 672 | 56.594 | 0.679 | 0.294 | 0.017 |
| 11/29/07 20:00 | 680 | 56.609 | 0.520 | 0.225 | 0.159 |
| 11/30/07 4:00 | 688 | 56.600 | 0.400 | 0.173 | 0.120 |
| 11/30/07 12:00 | 696 | 56.600 | 0.364 | 0.158 | 0.036 |
| 11/30/07 20:00 | 704 | 56.603 | 0.259 | 0.112 | 0.105 |
| 12/1/07 4:00 | 712 | 56.585 | 0.157 | 0.068 | 0.102 |
| 12/1/07 12:00 | 720 | 56.575 | 0.250 | 0.108 | -0.093 |
| 12/1/07 20:00 | 728 | 56.574 | 0.420 | 0.182 | -0.170 |
| 12/2/07 4:00 | 736 | 56.584 | 0.590 | 0.255 | -0.170 |
| 12/2/07 12:00 | 744 | 56.582 | 0.699 | 0.303 | -0.109 |
| 12/2/07 20:00 | 752 | 56.597 | 0.796 | 0.345 | -0.097 |
| 12/3/07 4:00 | 760 | 56.596 | 0.850 | 0.368 | -0.054 |
| 12/3/07 12:00 | 768 | 56.614 | 0.897 | 0.389 | -0.047 |
| 12/3/07 20:00 | 776 | 56.623 | 0.911 | 0.394 | -0.014 |
| 12/4/07 4:00 | 784 | 56.639 | 0.977 | 0.423 | -0.066 |
| 12/4/07 12:00 | 792 | 56.653 | 0.976 | 0.423 | 0.001 |
| 12/4/07 20:00 | 800 | 56.662 | 0.875 | 0.379 | 0.101 |
| 12/5/07 4:00 | 808 | 56.662 | 0.741 | 0.321 | 0.134 |
| 12/5/07 12:00 | 816 | 56.663 | 0.670 | 0.290 | 0.071 |
| 12/5/07 20:00 | 824 | 56.663 | 0.565 | 0.244 | 0.105 |
| 12/6/07 4:00 | 832 | 56.666 | 0.520 | 0.225 | 0.045 |
| 12/6/07 12:00 | 840 | 56.665 | 0.411 | 0.178 | 0.109 |
| 12/6/07 20:00 | 848 | 56.658 | 0.247 | 0.107 | 0.164 |
| 12/7/07 4:00 | 856 | 56.659 | 0.193 | 0.084 | 0.054 |
| 12/7/07 12:00 | 864 | 56.661 | 0.307 | 0.133 | -0.114 |
| 12/7/07 20:00 | 872 | 56.650 | 0.445 | 0.193 | -0.138 |
| 12/8/07 4:00 | 880 | 56.648 | 0.452 | 0.196 | -0.007 |
| 12/8/07 12:00 | 888 | 56.640 | 0.477 | 0.207 | -0.025 |
| 12/8/07 20:00 | 896 | 56.634 | 0.635 | 0.275 | -0.158 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 12/9/07 4:00 | 904 | 56.622 | 0.743 | 0.322 | -0.108 |
| 12/9/07 12:00 | 912 | 56.613 | 0.805 | 0.348 | -0.062 |
| 12/9/07 20:00 | 920 | 56.609 | 0.697 | 0.302 | 0.108 |
| 12/10/07 4:00 | 928 | 56.608 | 0.641 | 0.278 | 0.056 |
| 12/10/07 12:00 | 936 | 56.603 | 0.623 | 0.270 | 0.018 |
| 12/10/07 20:00 | 944 | 56.599 | 0.601 | 0.260 | 0.022 |
| 12/11/07 4:00 | 952 | 56.597 | 0.719 | 0.311 | -0.118 |
| 12/11/07 12:00 | 960 | 56.595 | 0.812 | 0.352 | -0.093 |
| 12/11/07 20:00 | 968 | 56.586 | 0.812 | 0.352 | 0.000 |
| 12/12/07 4:00 | 976 | 56.581 | 0.848 | 0.367 | -0.036 |
| 12/12/07 12:00 | 984 | 56.581 | 0.904 | 0.391 | -0.056 |
| 12/12/07 20:00 | 992 | 56.585 | 0.836 | 0.362 | 0.068 |
| 12/13/07 4:00 | 1000 | 56.582 | 0.815 | 0.353 | 0.021 |
| 12/13/07 12:00 | 1008 | 56.582 | 0.830 | 0.359 | -0.015 |
| 12/13/07 20:00 | 1016 | 56.571 | 0.792 | 0.343 | 0.038 |
| 12/14/07 4:00 | 1024 | 56.563 | 0.811 | 0.351 | -0.019 |
| 12/14/07 12:00 | 1032 | 56.560 | 0.832 | 0.361 | -0.021 |
| 12/14/07 20:00 | 1040 | 56.556 | 0.774 | 0.335 | 0.058 |
| 12/15/07 4:00 | 1048 | 56.568 | 0.754 | 0.326 | 0.020 |
| 12/15/07 12:00 | 1056 | 56.571 | 0.755 | 0.327 | -0.001 |
| 12/15/07 20:00 | 1064 | 56.579 | 0.678 | 0.294 | 0.077 |
| 12/16/07 4:00 | 1072 | 56.568 | 0.644 | 0.279 | 0.034 |
| 12/16/07 12:00 | 1080 | 56.570 | 0.533 | 0.231 | 0.111 |
| 12/16/07 20:00 | 1088 | 56.573 | 0.363 | 0.157 | 0.170 |
| 12/17/07 4:00 | 1096 | 56.577 | 0.412 | 0.178 | -0.049 |
| 12/17/07 12:00 | 1104 | 56.591 | 0.477 | 0.207 | -0.065 |
| 12/17/07 20:00 | 1112 | 56.595 | 0.471 | 0.204 | 0.006 |
| 12/18/07 4:00 | 1120 | 56.606 | 0.462 | 0.200 | 0.009 |
| 12/18/07 12:00 | 1128 | 56.619 | 0.412 | 0.178 | 0.050 |
| 12/18/07 20:00 | 1136 | 56.610 | 0.455 | 0.197 | -0.043 |
| 12/19/07 4:00 | 1144 | 56.619 | 0.554 | 0.240 | -0.099 |
| 12/19/07 12:00 | 1152 | 56.624 | 0.606 | 0.262 | -0.052 |
| 12/19/07 20:00 | 1160 | 56.627 | 0.508 | 0.220 | 0.098 |
| 12/20/07 4:00 | 1168 | 56.626 | 0.409 | 0.177 | 0.099 |
| 12/20/07 12:00 | 1176 | 56.627 | 0.524 | 0.227 | -0.115 |
| 12/20/07 20:00 | 1184 | 56.621 | 0.628 | 0.272 | -0.104 |
| 12/21/07 4:00 | 1192 | 56.607 | 0.763 | 0.330 | -0.135 |
| 12/21/07 12:00 | 1200 | 56.581 | 0.874 | 0.378 | -0.111 |
| 12/21/07 20:00 | 1208 | 56.582 | 0.924 | 0.400 | -0.050 |
| 12/22/07 4:00 | 1216 | 56.564 | 0.968 | 0.419 | -0.044 |
| 12/22/07 12:00 | 1224 | 56.567 | 0.994 | 0.431 | -0.026 |
| 12/22/07 20:00 | 1232 | 56.578 | 0.978 | 0.423 | 0.016 |
| 12/23/07 4:00 | 1240 | 56.574 | 0.986 | 0.427 | -0.008 |
| 12/23/07 12:00 | 1248 | 56.578 | 1.004 | 0.435 | -0.018 |
| 12/23/07 20:00 | 1256 | 56.585 | 0.934 | 0.405 | 0.070 |
| 12/24/07 4:00 | 1264 | 56.590 | 0.791 | 0.343 | 0.143 |
| 12/24/07 12:00 | 1272 | 56.604 | 0.849 | 0.368 | -0.058 |
| 12/24/07 20:00 | 1280 | 56.599 | 0.943 | 0.408 | -0.094 |
| 12/25/07 4:00 | 1288 | 56.585 | 0.997 | 0.432 | -0.054 |
| 12/25/07 12:00 | 1296 | 56.558 | 0.943 | 0.408 | 0.054 |
| 12/25/07 20:00 | 1304 | 56.561 | 0.691 | 0.299 | 0.252 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 12/26/07 4:00 | 1312 | 56.575 | 0.656 | 0.284 | 0.035 |
| 12/26/07 12:00 | 1320 | 56.579 | 0.684 | 0.296 | -0.028 |
| 12/26/07 20:00 | 1328 | 56.574 | 0.663 | 0.287 | 0.021 |
| 12/27/07 4:00 | 1336 | 56.575 | 0.707 | 0.306 | -0.044 |
| 12/27/07 12:00 | 1344 | 56.566 | 0.693 | 0.300 | 0.014 |
| 12/27/07 20:00 | 1352 | 56.553 | 0.562 | 0.243 | 0.131 |
| 12/28/07 4:00 | 1360 | 56.566 | 0.548 | 0.237 | 0.014 |
| 12/28/07 12:00 | 1368 | 56.576 | 0.594 | 0.257 | -0.046 |
| 12/28/07 20:00 | 1376 | 56.578 | 0.554 | 0.240 | 0.040 |
| 12/29/07 4:00 | 1384 | 56.575 | 0.544 | 0.236 | 0.010 |
| 12/29/07 12:00 | 1392 | 56.588 | 0.565 | 0.245 | -0.021 |
| 12/29/07 20:00 | 1400 | 56.592 | 0.570 | 0.247 | -0.005 |
| 12/30/07 4:00 | 1408 | 56.594 | 0.652 | 0.283 | -0.082 |
| 12/30/07 12:00 | 1416 | 56.608 | 0.786 | 0.340 | -0.134 |
| 12/30/07 20:00 | 1424 | 56.599 | 0.879 | 0.381 | -0.093 |
| 12/31/07 4:00 | 1432 | 56.581 | 0.943 | 0.408 | -0.064 |
| 12/31/07 12:00 | 1440 | 56.573 | 1.055 | 0.457 | -0.112 |
| 12/31/07 20:00 | 1448 | 56.566 | 1.024 | 0.444 | 0.031 |
| 1/1/08 4:00 | 1456 | 56.560 | 1.012 | 0.438 | 0.012 |
| 1/1/08 12:00 | 1464 | 56.555 | 1.023 | 0.443 | -0.011 |
| 1/1/08 20:00 | 1472 | 56.557 | 0.895 | 0.387 | 0.128 |
| 1/2/08 4:00 | 1480 | 56.549 | 0.801 | 0.347 | 0.094 |
| 1/2/08 12:00 | 1488 | 56.551 | 0.735 | 0.318 | 0.066 |
| 1/2/08 20:00 | 1496 | 56.543 | 0.613 | 0.266 | 0.122 |
| 1/3/08 4:00 | 1504 | 56.544 | 0.549 | 0.238 | 0.064 |
| 1/3/08 12:00 | 1512 | 56.535 | 0.410 | 0.178 | 0.139 |
| 1/3/08 20:00 | 1520 | 56.561 | 0.362 | 0.157 | 0.048 |
| 1/4/08 4:00 | 1528 | 56.569 | 0.235 | 0.102 | 0.127 |
| 1/4/08 12:00 | 1536 | 56.558 | -0.043 | -0.019 | 0.278 |
| 1/4/08 20:00 | 1544 | 56.554 | -0.037 | -0.016 | -0.006 |
| 1/5/08 4:00 | 1552 | 56.567 | 0.111 | 0.048 | -0.148 |
| 1/5/08 12:00 | 1560 | 56.576 | 0.241 | 0.104 | -0.130 |
| 1/5/08 20:00 | 1568 | 56.579 | 0.124 | 0.054 | 0.117 |
| 1/6/08 4:00 | 1576 | 56.581 | 0.158 | 0.068 | -0.034 |
| 1/6/08 12:00 | 1584 | 56.593 | 0.329 | 0.142 | -0.171 |
| 1/6/08 20:00 | 1592 | 56.593 | 0.318 | 0.138 | 0.011 |
| 1/7/08 4:00 | 1600 | 56.591 | 0.308 | 0.134 | 0.010 |
| 1/7/08 12:00 | 1608 | 56.599 | 0.471 | 0.204 | -0.163 |
| 1/7/08 20:00 | 1616 | 56.592 | 0.560 | 0.242 | -0.089 |
| 1/8/08 4:00 | 1624 | 56.596 | 0.531 | 0.230 | 0.029 |
| 1/8/08 12:00 | 1632 | 56.593 | 0.479 | 0.208 | 0.052 |
| 1/8/08 20:00 | 1640 | 56.597 | 0.499 | 0.216 | -0.020 |
| 1/9/08 4:00 | 1648 | 56.594 | 0.586 | 0.254 | -0.087 |
| 1/9/08 12:00 | 1656 | 56.609 | 0.728 | 0.315 | -0.142 |
| 1/9/08 20:00 | 1664 | 56.606 | 0.708 | 0.307 | 0.020 |
| 1/10/08 4:00 | 1672 | 56.594 | 0.690 | 0.299 | 0.018 |
| 1/10/08 12:00 | 1680 | 56.606 | 0.715 | 0.310 | -0.025 |
| 1/10/08 20:00 | 1688 | 56.610 | 0.666 | 0.288 | 0.049 |
| 1/11/08 4:00 | 1696 | 56.608 | 0.691 | 0.299 | -0.025 |
| 1/11/08 12:00 | 1704 | 56.607 | 0.773 | 0.335 | -0.082 |
| 1/11/08 20:00 | 1712 | 56.609 | 0.748 | 0.324 | 0.025 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/12/08 4:00 | 1720 | 56.598 | 0.744 | 0.322 | 0.004 |
| 1/12/08 12:00 | 1728 | 56.606 | 0.826 | 0.358 | -0.082 |
| 1/12/08 20:00 | 1736 | 56.608 | 0.850 | 0.368 | -0.024 |
| 1/13/08 4:00 | 1744 | 56.603 | 0.915 | 0.396 | -0.065 |
| 1/13/08 12:00 | 1752 | 56.587 | 0.984 | 0.426 | -0.069 |
| 1/13/08 20:00 | 1760 | 56.597 | 1.012 | 0.438 | -0.028 |
| 1/14/08 4:00 | 1768 | 56.591 | 1.019 | 0.441 | -0.007 |
| 1/14/08 12:00 | 1776 | 56.601 | 1.004 | 0.435 | 0.015 |
| 1/14/08 20:00 | 1784 | 56.598 | 0.894 | 0.387 | 0.110 |
| 1/15/08 4:00 | 1792 | 56.591 | 0.778 | 0.337 | 0.116 |
| 1/15/08 12:00 | 1800 | 56.579 | 0.871 | 0.377 | -0.093 |
| 1/15/08 20:00 | 1808 | 56.588 | 0.883 | 0.383 | -0.012 |
| 1/16/08 4:00 | 1816 | 56.557 | 0.885 | 0.383 | -0.002 |
| 1/16/08 12:00 | 1824 | 56.549 | 0.918 | 0.398 | -0.033 |
| 1/16/08 20:00 | 1832 | 56.544 | 0.896 | 0.388 | 0.022 |
| 1/17/08 4:00 | 1840 | 56.539 | 0.899 | 0.389 | -0.003 |
| 1/17/08 12:00 | 1848 | 56.550 | 0.906 | 0.392 | -0.007 |
| 1/17/08 20:00 | 1856 | 56.546 | 0.832 | 0.360 | 0.074 |
| 1/18/08 4:00 | 1864 | 56.512 | 0.840 | 0.364 | -0.008 |
| 1/18/08 12:00 | 1872 | 56.540 | 0.930 | 0.403 | -0.090 |
| 1/18/08 20:00 | 1880 | 56.537 | 0.938 | 0.406 | -0.008 |
| 1/19/08 4:00 | 1888 | 56.524 | 0.933 | 0.404 | 0.005 |
| 1/19/08 12:00 | 1896 | 56.530 | 0.851 | 0.369 | 0.082 |
| 1/19/08 20:00 | 1904 | 56.532 | 0.620 | 0.268 | 0.231 |
| 1/20/08 4:00 | 1912 | 56.534 | 0.451 | 0.195 | 0.169 |
| 1/20/08 12:00 | 1920 | 56.543 | 0.374 | 0.162 | 0.077 |
| 1/20/08 20:00 | 1928 | 56.537 | 0.289 | 0.125 | 0.085 |
| 1/21/08 4:00 | 1936 | 56.535 | 0.316 | 0.137 | -0.027 |
| 1/21/08 12:00 | 1944 | 56.536 | 0.445 | 0.193 | -0.129 |
| 1/21/08 20:00 | 1952 | 56.544 | 0.546 | 0.237 | -0.101 |
| 1/22/08 4:00 | 1960 | 56.534 | 0.636 | 0.276 | -0.090 |
| 1/22/08 12:00 | 1968 | 56.525 | 0.723 | 0.313 | -0.087 |
| 1/22/08 20:00 | 1976 | 56.529 | 0.672 | 0.291 | 0.051 |
| 1/23/08 4:00 | 1984 | 56.519 | 0.654 | 0.283 | 0.018 |
| 1/23/08 12:00 | 1992 | 56.509 | 0.643 | 0.279 | 0.011 |
| 1/23/08 20:00 | 2000 | 56.503 | 0.443 | 0.192 | 0.200 |
| 1/24/08 4:00 | 2008 | 56.492 | 0.260 | 0.113 | 0.183 |
| 1/24/08 12:00 | 2016 | 56.505 | 0.264 | 0.114 | -0.004 |
| 1/24/08 20:00 | 2024 | 56.518 | 0.259 | 0.112 | 0.005 |
| 1/25/08 4:00 | 2032 | 56.523 | 0.423 | 0.183 | -0.164 |
| 1/25/08 12:00 | 2040 | 56.526 | 0.606 | 0.262 | -0.183 |
| 1/25/08 20:00 | 2048 | 56.537 | 0.627 | 0.272 | -0.021 |
| 1/26/08 4:00 | 2056 | 56.546 | 0.637 | 0.276 | -0.010 |
| 1/26/08 12:00 | 2064 | 56.574 | 0.638 | 0.276 | -0.001 |
| 1/26/08 20:00 | 2072 | 56.579 | 0.511 | 0.221 | 0.127 |
| 1/27/08 4:00 | 2080 | 56.579 | 0.353 | 0.153 | 0.158 |
| 1/27/08 12:00 | 2088 | 56.563 | 0.110 | 0.048 | 0.243 |
| 1/27/08 20:00 | 2096 | 56.591 | -0.131 | -0.057 | 0.241 |
| 1/28/08 4:00 | 2104 | 56.582 | 0.034 | 0.015 | -0.165 |
| 1/28/08 12:00 | 2112 | 56.572 | 0.327 | 0.142 | -0.293 |
| 1/28/08 20:00 | 2120 | 56.580 | 0.544 | 0.236 | -0.217 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/29/08 4:00 | 2128 | 56.579 | 0.568 | 0.246 | -0.024 |
| 1/29/08 12:00 | 2136 | 56.572 | 0.516 | 0.224 | 0.052 |
| 1/29/08 20:00 | 2144 | 56.577 | 0.451 | 0.196 | 0.065 |
| 1/30/08 4:00 | 2152 | 56.577 | 0.543 | 0.235 | -0.092 |
| 1/30/08 12:00 | 2160 | 56.562 | 0.710 | 0.307 | -0.167 |
| 1/30/08 20:00 | 2168 | 56.573 | 0.736 | 0.319 | -0.026 |
| 1/31/08 4:00 | 2176 | 56.571 | 0.684 | 0.296 | 0.052 |
| 1/31/08 12:00 | 2184 | 56.579 | 0.570 | 0.247 | 0.114 |
| 1/31/08 20:00 | 2192 | 56.591 | 0.469 | 0.203 | 0.101 |
| 2/1/08 4:00 | 2200 | 56.599 | 0.536 | 0.232 | -0.067 |
| 2/1/08 12:00 | 2208 | 56.589 | 0.660 | 0.286 | -0.124 |
| 2/1/08 20:00 | 2216 | 56.602 | 0.574 | 0.249 | 0.086 |
| 2/2/08 4:00 | 2224 | 56.597 | 0.568 | 0.246 | 0.006 |
| 2/2/08 12:00 | 2232 | 56.595 | 0.486 | 0.210 | 0.082 |
| 2/2/08 20:00 | 2240 | 56.589 | 0.180 | 0.078 | 0.306 |
| 2/3/08 4:00 | 2248 | 56.588 | -0.051 | -0.022 | 0.231 |
| 2/3/08 12:00 | 2256 | 56.605 | 0.132 | 0.057 | -0.183 |
| 2/3/08 20:00 | 2264 | 56.596 | 0.304 | 0.131 | -0.172 |
| 2/4/08 4:00 | 2272 | 56.581 | 0.487 | 0.211 | -0.183 |
| 2/4/08 12:00 | 2280 | 56.598 | 0.678 | 0.294 | -0.191 |
| 2/4/08 20:00 | 2288 | 56.586 | 0.737 | 0.319 | -0.059 |
| 2/5/08 4:00 | 2296 | 56.579 | 0.828 | 0.359 | -0.091 |
| 2/5/08 12:00 | 2304 | 56.572 | 0.900 | 0.390 | -0.072 |
| 2/5/08 20:00 | 2312 | 56.571 | 0.777 | 0.337 | 0.123 |
| 2/6/08 4:00 | 2320 | 56.576 | 0.680 | 0.295 | 0.097 |
| 2/6/08 12:00 | 2328 | 56.589 | 0.821 | 0.355 | -0.141 |
| 2/6/08 20:00 | 2336 | 56.600 | 0.791 | 0.343 | 0.030 |
| 2/7/08 4:00 | 2344 | 56.606 | 0.737 | 0.319 | 0.054 |
| 2/7/08 12:00 | 2352 | 56.606 | 0.717 | 0.310 | 0.020 |
| 2/7/08 20:00 | 2360 | 56.615 | 0.709 | 0.307 | 0.008 |
| 2/8/08 4:00 | 2368 | 56.612 | 0.798 | 0.346 | -0.089 |
| 2/8/08 12:00 | 2376 | 56.624 | 0.875 | 0.379 | -0.077 |
| 2/8/08 20:00 | 2384 | 56.610 | 0.857 | 0.371 | 0.018 |
| 2/9/08 4:00 | 2392 | 56.605 | 0.864 | 0.374 | -0.007 |
| 2/9/08 12:00 | 2400 | 56.619 | 0.902 | 0.391 | -0.038 |
| 2/9/08 20:00 | 2408 | 56.621 | 0.823 | 0.356 | 0.079 |
| 2/10/08 4:00 | 2416 | 56.615 | 0.797 | 0.345 | 0.026 |
| 2/10/08 12:00 | 2424 | 56.617 | 0.832 | 0.360 | -0.035 |
| 2/10/08 20:00 | 2432 | 56.619 | 0.774 | 0.335 | 0.058 |
| 2/11/08 4:00 | 2440 | 56.623 | 0.823 | 0.356 | -0.049 |
| 2/11/08 12:00 | 2448 | 56.624 | 0.915 | 0.396 | -0.092 |
| 2/11/08 20:00 | 2456 | 56.629 | 0.889 | 0.385 | 0.026 |
| 2/12/08 4:00 | 2464 | 56.628 | 0.882 | 0.382 | 0.007 |
| 2/12/08 12:00 | 2472 | 56.627 | 0.880 | 0.381 | 0.002 |
| 2/12/08 20:00 | 2480 | 56.621 | 0.690 | 0.299 | 0.190 |
| 2/13/08 4:00 | 2488 | 56.629 | 0.483 | 0.209 | 0.207 |
| 2/13/08 12:00 | 2496 | 56.632 | 0.535 | 0.232 | -0.052 |
| 2/13/08 20:00 | 2504 | 56.632 | 0.561 | 0.243 | -0.026 |
| 2/14/08 4:00 | 2512 | 56.630 | 0.556 | 0.241 | 0.005 |
| 2/14/08 12:00 | 2520 | 56.624 | 0.670 | 0.290 | -0.114 |
| 2/14/08 20:00 | 2528 | 56.624 | 0.710 | 0.307 | -0.040 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 2/15/08 4:00 | 2536 | 56.608 | 0.771 | 0.334 | -0.061 |
| 2/15/08 12:00 | 2544 | 56.612 | 0.863 | 0.374 | -0.092 |
| 2/15/08 20:00 | 2552 | 56.607 | 0.803 | 0.348 | 0.060 |
| 2/16/08 4:00 | 2560 | 56.611 | 0.785 | 0.340 | 0.018 |
| 2/16/08 12:00 | 2568 | 56.606 | 0.819 | 0.355 | -0.034 |
| 2/16/08 20:00 | 2576 | 56.618 | 0.754 | 0.327 | 0.065 |
| 2/17/08 4:00 | 2584 | 56.615 | 0.755 | 0.327 | -0.001 |
| 2/17/08 12:00 | 2592 | 56.617 | 0.811 | 0.351 | -0.056 |
| 2/17/08 20:00 | 2600 | 56.631 | 0.753 | 0.326 | 0.058 |
| 2/18/08 4:00 | 2608 | 56.621 | 0.720 | 0.312 | 0.033 |
| 2/18/08 12:00 | 2616 | 56.627 | 0.721 | 0.312 | -0.001 |
| 2/18/08 20:00 | 2624 | 56.623 | 0.626 | 0.271 | 0.095 |
| 2/19/08 4:00 | 2632 | 56.620 | 0.589 | 0.255 | 0.037 |
| 2/19/08 12:00 | 2640 | 56.625 | 0.627 | 0.271 | -0.038 |
| 2/19/08 20:00 | 2648 | 56.631 | 0.592 | 0.256 | 0.035 |
| 2/20/08 4:00 | 2656 | 56.628 | 0.518 | 0.224 | 0.074 |
| 2/20/08 12:00 | 2664 | 56.639 | 0.521 | 0.225 | -0.003 |
| 2/20/08 20:00 | 2672 | 56.644 | 0.505 | 0.219 | 0.016 |
| 2/21/08 4:00 | 2680 | 56.638 | 0.446 | 0.193 | 0.059 |
| 2/21/08 12:00 | 2688 | 56.638 | 0.420 | 0.182 | 0.026 |
| 2/21/08 20:00 | 2696 | 56.641 | 0.345 | 0.150 | 0.075 |
| 2/22/08 4:00 | 2704 | 56.636 | 0.298 | 0.129 | 0.047 |
| 2/22/08 12:00 | 2712 | 56.649 | 0.327 | 0.141 | -0.029 |
| 2/22/08 20:00 | 2720 | 56.646 | 0.354 | 0.153 | -0.027 |
| 2/23/08 4:00 | 2728 | 56.638 | 0.483 | 0.209 | -0.129 |
| 2/23/08 12:00 | 2736 | 56.641 | 0.512 | 0.222 | -0.029 |
| 2/23/08 20:00 | 2744 | 56.632 | 0.333 | 0.144 | 0.179 |
| 2/24/08 4:00 | 2752 | 56.638 | 0.283 | 0.123 | 0.050 |
| 2/24/08 12:00 | 2760 | 56.641 | 0.345 | 0.149 | -0.062 |
| 2/24/08 20:00 | 2768 | 56.644 | 0.479 | 0.207 | -0.134 |
| 2/25/08 4:00 | 2776 | 56.653 | 0.737 | 0.319 | -0.258 |
| 2/25/08 12:00 | 2784 | 56.641 | 0.889 | 0.385 | -0.152 |
| 2/25/08 20:00 | 2792 | 56.658 | 0.901 | 0.390 | -0.012 |
| 2/26/08 4:00 | 2800 | 56.655 | 0.943 | 0.408 | -0.042 |
| 2/26/08 12:00 | 2808 | 56.655 | 0.961 | 0.416 | -0.018 |
| 2/26/08 20:00 | 2816 | 56.658 | 0.886 | 0.384 | 0.075 |
| 2/27/08 4:00 | 2824 | 56.657 | 0.814 | 0.353 | 0.072 |
| 2/27/08 12:00 | 2832 | 56.663 | 0.800 | 0.347 | 0.014 |
| 2/27/08 20:00 | 2840 | 56.672 | 0.699 | 0.303 | 0.101 |
| 2/28/08 4:00 | 2848 | 56.675 | 0.733 | 0.317 | -0.034 |
| 2/28/08 12:00 | 2856 | 56.669 | 0.756 | 0.327 | -0.023 |
| 2/28/08 20:00 | 2864 | 56.675 | 0.720 | 0.312 | 0.036 |
| 2/29/08 4:00 | 2872 | 56.674 | 0.694 | 0.301 | 0.026 |
| 2/29/08 12:00 | 2880 | 56.676 | 0.694 | 0.301 | 0.000 |
| 2/29/08 20:00 | 2888 | 56.687 | 0.587 | 0.254 | 0.107 |
| 3/1/08 4:00 | 2896 | 56.683 | 0.516 | 0.223 | 0.071 |
| 3/1/08 12:00 | 2904 | 56.691 | 0.705 | 0.305 | -0.189 |
| 3/1/08 20:00 | 2912 | 56.693 | 0.761 | 0.329 | -0.056 |
| 3/2/08 4:00 | 2920 | 56.676 | 0.861 | 0.373 | -0.100 |
| 3/2/08 12:00 | 2928 | 56.669 | 0.980 | 0.424 | -0.119 |
| 3/2/08 20:00 | 2936 | 56.672 | 0.942 | 0.408 | 0.038 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 3/3/08 4:00 | 2944 | 56.657 | 0.932 | 0.404 | 0.010 |
| 3/3/08 12:00 | 2952 | 56.648 | 0.900 | 0.390 | 0.032 |
| 3/3/08 20:00 | 2960 | 56.657 | 0.734 | 0.318 | 0.166 |
| 3/4/08 4:00 | 2968 | 56.656 | 0.759 | 0.329 | -0.025 |
| 3/4/08 12:00 | 2976 | 56.645 | 0.705 | 0.305 | 0.054 |
| 3/4/08 20:00 | 2984 | 56.655 | 0.694 | 0.301 | 0.011 |
| 3/5/08 4:00 | 2992 | 56.650 | 0.762 | 0.330 | -0.068 |
| 3/5/08 12:00 | 3000 | 56.645 | 0.866 | 0.375 | -0.104 |
| 3/5/08 20:00 | 3008 | 56.645 | 0.821 | 0.356 | 0.045 |
| 3/6/08 4:00 | 3016 | 56.637 | 0.847 | 0.367 | -0.026 |
| 3/6/08 12:00 | 3024 | 56.634 | 0.912 | 0.395 | -0.065 |
| 3/6/08 14:21 | 3026 | 56.646 | 0.867 | 0.376 | 0.045 |
| 3/6/08 22:21 | 3034 | 56.638 | 0.882 | 0.382 | -0.015 |
| 3/7/08 6:21 | 3042 | 56.631 | 0.870 | 0.377 | 0.012 |
| 3/7/08 14:21 | 3050 | 56.639 | 0.822 | 0.356 | 0.048 |
| 3/7/08 22:21 | 3058 | 56.641 | 0.770 | 0.333 | 0.052 |
| 3/8/08 6:21 | 3066 | 56.647 | 0.720 | 0.312 | 0.050 |
| 3/8/08 14:21 | 3074 | 56.660 | 0.729 | 0.316 | -0.009 |
| 3/8/08 22:21 | 3082 | 56.660 | 0.771 | 0.334 | -0.042 |
| 3/9/08 6:21 | 3090 | 56.654 | 0.804 | 0.348 | -0.033 |
| 3/9/08 14:21 | 3098 | 56.669 | 0.824 | 0.357 | -0.020 |
| 3/9/08 22:21 | 3106 | 56.665 | 0.833 | 0.361 | -0.009 |
| 3/10/08 6:21 | 3114 | 56.666 | 0.857 | 0.371 | -0.024 |
| 3/10/08 14:21 | 3122 | 56.674 | 0.837 | 0.363 | 0.020 |
| 3/10/08 22:21 | 3130 | 56.681 | 0.855 | 0.370 | -0.018 |
| 3/11/08 6:21 | 3138 | 56.682 | 0.871 | 0.377 | -0.016 |
| 3/11/08 14:21 | 3146 | 56.702 | 0.872 | 0.378 | -0.001 |
| 3/11/08 22:21 | 3154 | 56.706 | 0.789 | 0.342 | 0.083 |
| 3/12/08 6:21 | 3162 | 56.696 | 0.704 | 0.305 | 0.085 |
| 3/12/08 14:21 | 3170 | 56.713 | 0.665 | 0.288 | 0.039 |
| 3/12/08 22:21 | 3178 | 56.711 | 0.574 | 0.248 | 0.091 |
| 3/13/08 6:21 | 3186 | 56.713 | 0.486 | 0.211 | 0.088 |
| 3/13/08 14:21 | 3194 | 56.732 | 0.503 | 0.218 | -0.017 |
| 3/13/08 22:21 | 3202 | 56.728 | 0.503 | 0.218 | 0.000 |
| 3/14/08 6:21 | 3210 | 56.709 | 0.520 | 0.225 | -0.017 |
| 3/14/08 14:21 | 3218 | 56.721 | 0.459 | 0.199 | 0.061 |
| 3/14/08 22:21 | 3226 | 56.702 | 0.456 | 0.198 | 0.003 |
| 3/15/08 6:21 | 3234 | 56.695 | 0.437 | 0.189 | 0.019 |
| 3/15/08 14:21 | 3242 | 56.691 | 0.406 | 0.176 | 0.031 |
| 3/15/08 22:21 | 3250 | 56.680 | 0.485 | 0.210 | -0.079 |
| 3/16/08 6:21 | 3258 | 56.679 | 0.520 | 0.225 | -0.035 |
| 3/16/08 14:21 | 3266 | 56.681 | 0.635 | 0.275 | -0.115 |
| 3/16/08 22:21 | 3274 | 56.667 | 0.763 | 0.330 | -0.128 |
| 3/17/08 6:21 | 3282 | 56.659 | 0.765 | 0.331 | -0.002 |
| 3/17/08 14:21 | 3290 | 56.668 | 0.762 | 0.330 | 0.003 |
| 3/17/08 22:21 | 3298 | 56.670 | 0.807 | 0.349 | -0.045 |
| 3/18/08 6:21 | 3306 | 56.668 | 0.820 | 0.355 | -0.013 |
| 3/18/08 14:21 | 3314 | 56.687 | 0.770 | 0.333 | 0.050 |
| 3/18/08 22:21 | 3322 | 56.698 | 0.722 | 0.313 | 0.048 |
| 3/19/08 6:21 | 3330 | 56.697 | 0.659 | 0.285 | 0.063 |
| 3/19/08 14:21 | 3338 | 56.705 | 0.575 | 0.249 | 0.084 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 3/19/08 22:21 | 3346 | 56.703 | 0.630 | 0.273 | -0.055 |
| 3/20/08 6:21 | 3354 | 56.701 | 0.650 | 0.281 | -0.020 |
| 3/20/08 14:21 | 3362 | 56.702 | 0.679 | 0.294 | -0.029 |
| 3/20/08 22:21 | 3370 | 56.705 | 0.809 | 0.350 | -0.130 |
| 3/21/08 6:21 | 3378 | 56.709 | 0.890 | 0.385 | -0.081 |
| 3/21/08 14:21 | 3386 | 56.707 | 0.910 | 0.394 | -0.020 |
| 3/21/08 22:21 | 3394 | 56.705 | 0.956 | 0.414 | -0.046 |
| 3/22/08 6:21 | 3402 | 56.688 | 0.967 | 0.419 | -0.011 |
| 3/22/08 14:21 | 3410 | 56.703 | 0.907 | 0.393 | 0.060 |
| 3/22/08 22:21 | 3418 | 56.698 | 0.850 | 0.368 | 0.057 |
| 3/23/08 6:21 | 3426 | 56.683 | 0.812 | 0.351 | 0.038 |
| 3/23/08 14:21 | 3434 | 56.697 | 0.774 | 0.335 | 0.038 |
| 3/23/08 22:21 | 3442 | 56.697 | 0.737 | 0.319 | 0.037 |
| 3/24/08 6:21 | 3450 | 56.700 | 0.704 | 0.305 | 0.033 |
| 3/24/08 14:21 | 3458 | 56.708 | 0.643 | 0.279 | 0.061 |
| 3/24/08 22:21 | 3466 | 56.716 | 0.649 | 0.281 | -0.006 |
| 3/25/08 6:21 | 3474 | 56.721 | 0.621 | 0.269 | 0.028 |
| 3/25/08 14:21 | 3482 | 56.735 | 0.598 | 0.259 | 0.023 |
| 3/25/08 22:21 | 3490 | 56.736 | 0.595 | 0.258 | 0.003 |
| 3/26/08 6:21 | 3498 | 56.732 | 0.613 | 0.265 | -0.018 |
| 3/26/08 14:21 | 3506 | 56.731 | 0.597 | 0.259 | 0.016 |
| 3/26/08 22:21 | 3514 | 56.730 | 0.662 | 0.287 | -0.065 |
| 3/27/08 6:21 | 3522 | 56.712 | 0.760 | 0.329 | -0.098 |
| 3/27/08 14:21 | 3530 | 56.717 | 0.734 | 0.318 | 0.026 |
| 3/27/08 22:21 | 3538 | 56.706 | 0.603 | 0.261 | 0.131 |
| 3/28/08 6:21 | 3546 | 56.680 | 0.500 | 0.216 | 0.103 |
| 3/28/08 14:21 | 3554 | 56.697 | 0.373 | 0.162 | 0.127 |
| 3/28/08 22:21 | 3562 | 56.698 | 0.373 | 0.161 | 0.000 |
| 3/29/08 6:21 | 3570 | 56.700 | 0.487 | 0.211 | -0.114 |
| 3/29/08 14:21 | 3578 | 56.713 | 0.509 | 0.221 | -0.022 |
| 3/29/08 22:21 | 3586 | 56.702 | 0.459 | 0.199 | 0.050 |
| 3/30/08 6:21 | 3594 | 56.693 | 0.394 | 0.170 | 0.065 |
| 3/30/08 14:21 | 3602 | 56.705 | 0.438 | 0.190 | -0.044 |
| 3/30/08 22:21 | 3610 | 56.697 | 0.626 | 0.271 | -0.188 |
| 3/31/08 6:21 | 3618 | 56.680 | 0.736 | 0.319 | -0.110 |
| 3/31/08 14:21 | 3626 | 56.688 | 0.729 | 0.316 | 0.007 |
| 3/31/08 22:21 | 3634 | 56.682 | 0.668 | 0.289 | 0.061 |
| 4/1/08 6:21 | 3642 | 56.671 | 0.616 | 0.267 | 0.052 |
| 4/1/08 14:21 | 3650 | 56.677 | 0.602 | 0.261 | 0.014 |
| 4/1/08 22:21 | 3658 | 56.682 | 0.605 | 0.262 | -0.003 |
| 4/2/08 6:21 | 3666 | 56.672 | 0.577 | 0.250 | 0.028 |
| 4/2/08 14:21 | 3674 | 56.689 | 0.566 | 0.245 | 0.011 |
| 4/2/08 22:21 | 3682 | 56.687 | 0.615 | 0.266 | -0.049 |
| 4/3/08 6:21 | 3690 | 56.681 | 0.723 | 0.313 | -0.108 |
| 4/3/08 14:21 | 3698 | 56.702 | 0.748 | 0.324 | -0.025 |
| 4/3/08 22:21 | 3706 | 56.708 | 0.739 | 0.320 | 0.009 |
| 4/4/08 6:21 | 3714 | 56.702 | 0.671 | 0.290 | 0.068 |
| 4/4/08 14:21 | 3722 | 56.717 | 0.554 | 0.240 | 0.117 |
| 4/4/08 22:21 | 3730 | 56.715 | 0.542 | 0.235 | 0.012 |
| 4/5/08 6:21 | 3738 | 56.708 | 0.510 | 0.221 | 0.032 |
| 4/5/08 14:21 | 3746 | 56.732 | 0.455 | 0.197 | 0.055 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 4/5/08 22:21 | 3754 | 56.732 | 0.487 | 0.211 | -0.032 |
| 4/6/08 6:21 | 3762 | 56.712 | 0.502 | 0.217 | -0.015 |
| 4/6/08 14:21 | 3770 | 56.737 | 0.480 | 0.208 | 0.022 |
| 4/6/08 22:21 | 3778 | 56.733 | 0.571 | 0.247 | -0.091 |
| 4/7/08 6:21 | 3786 | 56.719 | 0.641 | 0.278 | -0.070 |
| 4/7/08 14:21 | 3794 | 56.730 | 0.633 | 0.274 | 0.008 |
| 4/7/08 22:21 | 3802 | 56.722 | 0.577 | 0.250 | 0.056 |
| 4/8/08 6:21 | 3810 | 56.718 | 0.488 | 0.211 | 0.089 |
| 4/8/08 14:21 | 3818 | 56.715 | 0.407 | 0.176 | 0.081 |
| 4/8/08 22:21 | 3826 | 56.718 | 0.448 | 0.194 | -0.041 |
| 4/9/08 6:21 | 3834 | 56.703 | 0.504 | 0.218 | -0.056 |
| 4/9/08 14:21 | 3842 | 56.712 | 0.525 | 0.227 | -0.021 |
| 4/9/08 22:21 | 3850 | 56.705 | 0.599 | 0.260 | -0.074 |
| 4/10/08 6:21 | 3858 | 56.702 | 0.700 | 0.303 | -0.101 |
| 4/10/08 14:21 | 3866 | 56.722 | 0.781 | 0.338 | -0.081 |
| 4/10/08 22:21 | 3874 | 56.719 | 0.850 | 0.368 | -0.069 |
| 4/11/08 6:21 | 3882 | 56.717 | 0.947 | 0.410 | -0.097 |
| 4/11/08 14:21 | 3890 | 56.735 | 0.966 | 0.418 | -0.019 |
| 4/11/08 22:21 | 3898 | 56.735 | 0.937 | 0.406 | 0.029 |
| 4/12/08 6:21 | 3906 | 56.719 | 0.933 | 0.404 | 0.004 |
| 4/12/08 14:21 | 3914 | 56.748 | 0.901 | 0.390 | 0.032 |
| 4/12/08 22:21 | 3922 | 56.745 | 0.848 | 0.367 | 0.053 |
| 4/13/08 6:21 | 3930 | 56.742 | 0.796 | 0.345 | 0.052 |
| 4/13/08 14:21 | 3938 | 56.759 | 0.723 | 0.313 | 0.073 |
| 4/13/08 22:21 | 3946 | 56.766 | 0.626 | 0.271 | 0.097 |
| 4/14/08 6:21 | 3954 | 56.772 | 0.497 | 0.215 | 0.129 |
| 4/14/08 14:21 | 3962 | 56.789 | 0.370 | 0.160 | 0.127 |
| 4/14/08 22:21 | 3970 | 56.788 | 0.445 | 0.193 | -0.075 |
| 4/15/08 6:21 | 3978 | 56.767 | 0.539 | 0.233 | -0.094 |
| 4/15/08 14:21 | 3986 | 56.781 | 0.639 | 0.277 | -0.100 |
| 4/15/08 22:21 | 3994 | 56.753 | 0.699 | 0.303 | -0.060 |
| 4/16/08 6:21 | 4002 | 56.735 | 0.753 | 0.326 | -0.054 |
| 4/16/08 14:21 | 4010 | 56.743 | 0.807 | 0.349 | -0.054 |
| 4/16/08 22:21 | 4018 | 56.738 | 0.816 | 0.353 | -0.009 |
| 4/17/08 6:21 | 4026 | 56.731 | 0.809 | 0.350 | 0.007 |
| 4/17/08 14:21 | 4034 | 56.743 | 0.727 | 0.315 | 0.082 |
| 4/17/08 22:21 | 4042 | 56.747 | 0.643 | 0.278 | 0.084 |
| 4/18/08 6:21 | 4050 | 56.742 | 0.611 | 0.264 | 0.032 |
| 4/18/08 14:21 | 4058 | 56.774 | 0.473 | 0.205 | 0.138 |
| 4/18/08 22:21 | 4066 | 56.765 | 0.393 | 0.170 | 0.080 |
| 4/19/08 6:21 | 4074 | 56.760 | 0.262 | 0.113 | 0.131 |
| 4/19/08 14:21 | 4082 | 56.784 | 0.204 | 0.088 | 0.058 |
| 4/19/08 22:21 | 4090 | 56.767 | 0.295 | 0.128 | -0.091 |
| 4/20/08 6:21 | 4098 | 56.738 | 0.484 | 0.210 | -0.189 |
| 4/20/08 14:21 | 4106 | 56.750 | 0.539 | 0.233 | -0.055 |
| 4/20/08 22:21 | 4114 | 56.732 | 0.578 | 0.250 | -0.039 |
| 4/21/08 6:21 | 4122 | 56.701 | 0.566 | 0.245 | 0.012 |
| 4/21/08 14:21 | 4130 | 56.723 | 0.557 | 0.241 | 0.009 |
| 4/21/08 22:21 | 4138 | 56.710 | 0.599 | 0.260 | -0.042 |
| 4/22/08 6:21 | 4146 | 56.702 | 0.579 | 0.251 | 0.020 |
| 4/22/08 14:21 | 4154 | 56.730 | 0.433 | 0.188 | 0.146 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 4/22/08 22:21 | 4162 | 56.722 | 0.447 | 0.194 | -0.014 |
| 4/23/08 6:21 | 4170 | 56.724 | 0.420 | 0.182 | 0.027 |
| 4/23/08 14:21 | 4178 | 56.742 | 0.466 | 0.202 | -0.046 |
| 4/23/08 22:21 | 4186 | 56.734 | 0.635 | 0.275 | -0.169 |
| 4/24/08 6:21 | 4194 | 56.717 | 0.768 | 0.333 | -0.133 |
| 4/24/08 14:21 | 4202 | 56.736 | 0.832 | 0.360 | -0.064 |
| 4/24/08 22:21 | 4210 | 56.730 | 0.815 | 0.353 | 0.017 |
| 4/25/08 6:21 | 4218 | 56.722 | 0.822 | 0.356 | -0.007 |
| 4/25/08 14:21 | 4226 | 56.746 | 0.821 | 0.355 | 0.001 |
| 4/25/08 22:21 | 4234 | 56.750 | 0.857 | 0.371 | -0.036 |
| 4/26/08 6:21 | 4242 | 56.739 | 0.889 | 0.385 | -0.032 |
| 4/26/08 14:21 | 4250 | 56.774 | 0.914 | 0.396 | -0.025 |
| 4/26/08 22:21 | 4258 | 56.773 | 0.879 | 0.381 | 0.035 |
| 4/27/08 6:21 | 4266 | 56.760 | 0.857 | 0.371 | 0.022 |
| 4/27/08 14:21 | 4274 | 56.793 | 0.801 | 0.347 | 0.056 |
| 4/27/08 22:21 | 4282 | 56.790 | 0.746 | 0.323 | 0.055 |
| 4/28/08 6:21 | 4290 | 56.785 | 0.717 | 0.310 | 0.029 |
| 4/28/08 14:21 | 4298 | 56.808 | 0.631 | 0.273 | 0.086 |
| 4/28/08 22:21 | 4306 | 56.817 | 0.559 | 0.242 | 0.072 |
| 4/29/08 6:21 | 4314 | 56.806 | 0.413 | 0.179 | 0.146 |
| 4/29/08 14:21 | 4322 | 56.825 | 0.378 | 0.164 | 0.035 |
| 4/29/08 22:21 | 4330 | 56.810 | 0.457 | 0.198 | -0.079 |
| 4/30/08 6:21 | 4338 | 56.790 | 0.554 | 0.240 | -0.097 |
| 4/30/08 14:21 | 4346 | 56.793 | 0.573 | 0.248 | -0.019 |
| 4/30/08 22:21 | 4354 | 56.771 | 0.639 | 0.277 | -0.066 |
| 5/1/08 6:21 | 4362 | 56.741 | 0.706 | 0.306 | -0.067 |
| 5/1/08 14:21 | 4370 | 56.765 | 0.720 | 0.312 | -0.014 |
| 5/1/08 22:21 | 4378 | 56.757 | 0.715 | 0.309 | 0.005 |
| 5/2/08 6:21 | 4386 | 56.734 | 0.717 | 0.311 | -0.002 |
| 5/2/08 14:21 | 4394 | 56.751 | 0.647 | 0.280 | 0.070 |
| 5/2/08 22:21 | 4402 | 56.761 | 0.644 | 0.279 | 0.003 |
| 5/3/08 6:21 | 4410 | 56.758 | 0.612 | 0.265 | 0.032 |
| 5/3/08 14:21 | 4418 | 56.788 | 0.549 | 0.238 | 0.063 |
| 5/3/08 22:21 | 4426 | 56.781 | 0.555 | 0.240 | -0.006 |
| 5/4/08 6:21 | 4434 | 56.780 | 0.489 | 0.212 | 0.066 |
| 5/4/08 14:21 | 4442 | 56.796 | 0.465 | 0.201 | 0.024 |
| 5/4/08 22:21 | 4450 | 56.801 | 0.546 | 0.236 | -0.081 |
| 5/5/08 6:21 | 4458 | 56.794 | 0.561 | 0.243 | -0.015 |
| 5/5/08 14:21 | 4466 | 56.817 | 0.570 | 0.247 | -0.009 |
| 5/5/08 22:21 | 4474 | 56.816 | 0.557 | 0.241 | 0.013 |
| 5/6/08 6:21 | 4482 | 56.818 | 0.567 | 0.246 | -0.010 |
| 5/6/08 14:21 | 4490 | 56.831 | 0.514 | 0.222 | 0.053 |
| 5/6/08 22:21 | 4498 | 56.831 | 0.524 | 0.227 | -0.010 |
| 5/7/08 6:21 | 4506 | 56.832 | 0.506 | 0.219 | 0.018 |
| 5/7/08 14:21 | 4514 | 56.838 | 0.551 | 0.239 | -0.045 |
| 5/7/08 22:21 | 4522 | 56.837 | 0.588 | 0.255 | -0.037 |
| 5/8/08 6:21 | 4530 | 56.827 | 0.606 | 0.263 | -0.018 |
| 5/8/08 14:21 | 4538 | 56.827 | 0.506 | 0.219 | 0.100 |
| 5/8/08 22:21 | 4546 | 56.826 | 0.492 | 0.213 | 0.014 |
| 5/9/08 6:21 | 4554 | 56.820 | 0.523 | 0.226 | -0.031 |
| 5/9/08 14:21 | 4562 | 56.842 | 0.536 | 0.232 | -0.013 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 5/9/08 22:21 | 4570 | 56.841 | 0.619 | 0.268 | -0.083 |
| 5/10/08 6:21 | 4578 | 56.824 | 0.686 | 0.297 | -0.067 |
| 5/10/08 14:21 | 4586 | 56.839 | 0.645 | 0.279 | 0.041 |
| 5/10/08 22:21 | 4594 | 56.844 | 0.585 | 0.253 | 0.060 |
| 5/11/08 6:21 | 4602 | 56.834 | 0.559 | 0.242 | 0.026 |
| 5/11/08 14:21 | 4610 | 56.855 | 0.451 | 0.195 | 0.108 |
| 5/11/08 22:21 | 4618 | 56.852 | 0.532 | 0.230 | -0.081 |
| 5/12/08 6:21 | 4626 | 56.829 | 0.590 | 0.255 | -0.058 |
| 5/12/08 14:21 | 4634 | 56.848 | 0.585 | 0.253 | 0.005 |
| 5/12/08 22:21 | 4642 | 56.838 | 0.661 | 0.286 | -0.076 |
| 5/13/08 6:21 | 4650 | 56.805 | 0.753 | 0.326 | -0.092 |
| 5/13/08 14:21 | 4658 | 56.820 | 0.740 | 0.320 | 0.013 |
| 5/13/08 22:21 | 4666 | 56.830 | 0.791 | 0.343 | -0.051 |
| 5/14/08 6:21 | 4674 | 56.822 | 0.842 | 0.365 | -0.051 |
| 5/14/08 14:21 | 4682 | 56.845 | 0.894 | 0.387 | -0.052 |
| 5/14/08 22:21 | 4690 | 56.843 | 0.918 | 0.397 | -0.024 |
| 5/15/08 6:21 | 4698 | 56.841 | 0.931 | 0.403 | -0.013 |
| 5/15/08 14:21 | 4706 | 56.860 | 0.870 | 0.377 | 0.061 |
| 5/15/08 22:21 | 4714 | 56.862 | 0.838 | 0.363 | 0.032 |
| 5/16/08 6:21 | 4722 | 56.867 | 0.877 | 0.380 | -0.039 |
| 5/16/08 14:21 | 4730 | 56.880 | 0.875 | 0.379 | 0.002 |
| 5/16/08 22:21 | 4738 | 56.880 | 0.843 | 0.365 | 0.032 |
| 5/17/08 6:21 | 4746 | 56.881 | 0.873 | 0.378 | -0.030 |
| 5/17/08 14:21 | 4754 | 56.887 | 0.825 | 0.357 | 0.048 |
| 5/17/08 22:21 | 4762 | 56.899 | 0.760 | 0.329 | 0.065 |
| 5/18/08 6:21 | 4770 | 56.894 | 0.781 | 0.338 | -0.021 |
| 5/18/08 14:21 | 4778 | 56.916 | 0.684 | 0.296 | 0.097 |
| 5/18/08 22:21 | 4786 | 56.910 | 0.683 | 0.296 | 0.001 |
| 5/19/08 6:21 | 4794 | 56.911 | 0.696 | 0.301 | -0.013 |
| 5/19/08 14:21 | 4802 | 56.934 | 0.659 | 0.285 | 0.037 |
| 5/19/08 22:21 | 4810 | 56.927 | 0.590 | 0.256 | 0.069 |
| 5/20/08 6:21 | 4818 | 56.918 | 0.566 | 0.245 | 0.024 |
| 5/20/08 14:21 | 4826 | 56.916 | 0.446 | 0.193 | 0.120 |
| 5/20/08 22:21 | 4834 | 56.905 | 0.530 | 0.230 | -0.084 |
| 5/21/08 6:21 | 4842 | 56.892 | 0.591 | 0.256 | -0.061 |
| 5/21/08 14:21 | 4850 | 56.885 | 0.532 | 0.231 | 0.059 |
| 5/21/08 22:21 | 4858 | 56.880 | 0.410 | 0.178 | 0.122 |
| 5/22/08 6:21 | 4866 | 56.867 | 0.301 | 0.131 | 0.109 |
| 5/22/08 14:21 | 4874 | 56.856 | 0.207 | 0.090 | 0.094 |
| 5/22/08 22:21 | 4882 | 56.854 | 0.119 | 0.052 | 0.088 |
| 5/23/08 6:21 | 4890 | 56.854 | 0.081 | 0.035 | 0.038 |
| 5/23/08 14:21 | 4898 | 56.857 | 0.139 | 0.060 | -0.058 |
| 5/23/08 22:21 | 4906 | 56.850 | 0.286 | 0.124 | -0.147 |
| 5/24/08 6:21 | 4914 | 56.849 | 0.362 | 0.157 | -0.076 |
| 5/24/08 14:21 | 4922 | 56.847 | 0.464 | 0.201 | -0.102 |
| 5/24/08 22:21 | 4930 | 56.850 | 0.509 | 0.220 | -0.045 |
| 5/25/08 6:21 | 4938 | 56.844 | 0.501 | 0.217 | 0.008 |
| 5/25/08 14:21 | 4946 | 56.853 | 0.444 | 0.192 | 0.057 |
| 5/25/08 22:21 | 4954 | 56.848 | 0.420 | 0.182 | 0.024 |
| 5/26/08 6:21 | 4962 | 56.848 | 0.410 | 0.178 | 0.010 |
| 5/26/08 14:21 | 4970 | 56.858 | 0.445 | 0.193 | -0.035 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 5/26/08 22:21 | 4978 | 56.855 | 0.560 | 0.243 | -0.115 |
| 5/27/08 6:21 | 4986 | 56.855 | 0.554 | 0.240 | 0.006 |
| 5/27/08 14:21 | 4994 | 56.862 | 0.525 | 0.227 | 0.029 |
| 5/27/08 22:21 | 5002 | 56.860 | 0.537 | 0.232 | -0.012 |
| 5/28/08 6:21 | 5010 | 56.850 | 0.547 | 0.237 | -0.010 |
| 5/28/08 14:21 | 5018 | 56.860 | 0.563 | 0.244 | -0.016 |
| 5/28/08 22:21 | 5026 | 56.847 | 0.622 | 0.269 | -0.059 |
| 5/29/08 6:21 | 5034 | 56.847 | 0.629 | 0.272 | -0.007 |
| 5/29/08 14:21 | 5042 | 56.856 | 0.635 | 0.275 | -0.006 |
| 5/29/08 22:21 | 5050 | 56.858 | 0.704 | 0.305 | -0.069 |
| 5/30/08 6:21 | 5058 | 56.850 | 0.718 | 0.311 | -0.014 |
| 5/30/08 14:21 | 5066 | 56.863 | 0.680 | 0.295 | 0.038 |
| 5/30/08 22:21 | 5074 | 56.862 | 0.638 | 0.276 | 0.042 |
| 5/31/08 6:21 | 5082 | 56.861 | 0.672 | 0.291 | -0.034 |
| 5/31/08 14:21 | 5090 | 56.876 | 0.637 | 0.276 | 0.035 |
| 5/31/08 22:21 | 5098 | 56.882 | 0.663 | 0.287 | -0.026 |
| 6/1/08 6:21 | 5106 | 56.872 | 0.651 | 0.282 | 0.012 |
| 6/1/08 14:21 | 5114 | 56.879 | 0.616 | 0.267 | 0.035 |
| 6/1/08 22:21 | 5122 | 56.879 | 0.656 | 0.284 | -0.040 |
| 6/2/08 6:21 | 5130 | 56.874 | 0.660 | 0.286 | -0.004 |
| 6/2/08 14:21 | 5138 | 56.883 | 0.631 | 0.273 | 0.029 |
| 6/2/08 22:21 | 5146 | 56.886 | 0.619 | 0.268 | 0.012 |
| 6/3/08 6:21 | 5154 | 56.879 | 0.543 | 0.235 | 0.076 |
| 6/3/08 14:21 | 5162 | 56.890 | 0.472 | 0.205 | 0.071 |
| 6/3/08 22:21 | 5170 | 56.890 | 0.445 | 0.193 | 0.027 |
| 6/4/08 6:21 | 5178 | 56.874 | 0.401 | 0.174 | 0.044 |
| 6/4/08 14:21 | 5186 | 56.880 | 0.484 | 0.210 | -0.083 |
| 6/4/08 22:21 | 5194 | 56.878 | 0.531 | 0.230 | -0.047 |
| 6/5/08 6:21 | 5202 | 56.868 | 0.571 | 0.247 | -0.040 |
| 6/5/08 14:21 | 5210 | 56.875 | 0.516 | 0.223 | 0.055 |
| 6/5/08 22:21 | 5218 | 56.874 | 0.487 | 0.211 | 0.029 |
| 6/6/08 6:21 | 5226 | 56.870 | 0.519 | 0.225 | -0.032 |
| 6/6/08 14:21 | 5234 | 56.881 | 0.517 | 0.224 | 0.002 |
| 6/6/08 22:21 | 5242 | 56.877 | 0.556 | 0.241 | -0.039 |
| 6/7/08 6:21 | 5250 | 56.862 | 0.638 | 0.276 | -0.082 |
| 6/7/08 14:21 | 5258 | 56.869 | 0.643 | 0.278 | -0.005 |
| 6/7/08 22:21 | 5266 | 56.862 | 0.672 | 0.291 | -0.029 |
| 6/8/08 6:21 | 5274 | 56.857 | 0.716 | 0.310 | -0.044 |
| 6/8/08 14:21 | 5282 | 56.870 | 0.707 | 0.306 | 0.009 |
| 6/8/08 22:21 | 5290 | 56.868 | 0.673 | 0.291 | 0.034 |
| 6/9/08 6:21 | 5298 | 56.862 | 0.664 | 0.288 | 0.009 |
| 6/9/08 14:21 | 5306 | 56.869 | 0.603 | 0.261 | 0.061 |
| 6/9/08 22:21 | 5314 | 56.885 | 0.518 | 0.225 | 0.085 |
| 6/10/08 6:21 | 5322 | 56.883 | 0.556 | 0.241 | -0.038 |
| 6/10/08 14:21 | 5330 | 56.895 | 0.621 | 0.269 | -0.065 |
| 6/10/08 22:21 | 5338 | 56.893 | 0.675 | 0.292 | -0.054 |
| 6/11/08 6:21 | 5346 | 56.868 | 0.734 | 0.318 | -0.059 |
| 6/11/08 14:21 | 5354 | 56.889 | 0.664 | 0.288 | 0.070 |
| 6/11/08 22:21 | 5362 | 56.886 | 0.662 | 0.287 | 0.002 |
| 6/12/08 6:21 | 5370 | 56.873 | 0.742 | 0.322 | -0.080 |
| 6/12/08 14:21 | 5378 | 56.890 | 0.778 | 0.337 | -0.036 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 6/12/08 22:21 | 5386 | 56.887 | 0.761 | 0.329 | 0.017 |
| 6/13/08 6:21 | 5394 | 56.876 | 0.769 | 0.333 | -0.008 |
| 6/13/08 14:21 | 5402 | 56.880 | 0.730 | 0.316 | 0.039 |
| 6/13/08 22:21 | 5410 | 56.898 | 0.695 | 0.301 | 0.035 |
| 6/14/08 6:21 | 5418 | 56.880 | 0.715 | 0.310 | -0.020 |
| 6/14/08 14:21 | 5426 | 56.896 | 0.681 | 0.295 | 0.034 |
| 6/14/08 22:21 | 5434 | 56.896 | 0.664 | 0.287 | 0.017 |
| 6/15/08 6:21 | 5442 | 56.903 | 0.673 | 0.292 | -0.009 |
| 6/15/08 14:21 | 5450 | 56.911 | 0.623 | 0.270 | 0.050 |
| 6/15/08 22:21 | 5458 | 56.922 | 0.645 | 0.279 | -0.022 |
| 6/16/08 6:21 | 5466 | 56.916 | 0.647 | 0.280 | -0.002 |
| 6/16/08 14:21 | 5474 | 56.928 | 0.631 | 0.273 | 0.016 |
| 6/16/08 22:21 | 5482 | 56.924 | 0.687 | 0.297 | -0.056 |
| 6/17/08 6:21 | 5490 | 56.918 | 0.747 | 0.324 | -0.060 |
| 6/17/08 14:21 | 5498 | 56.930 | 0.740 | 0.321 | 0.007 |
| 6/17/08 22:21 | 5506 | 56.941 | 0.773 | 0.335 | -0.033 |
| 6/18/08 6:21 | 5514 | 56.922 | 0.788 | 0.341 | -0.015 |
| 6/18/08 14:21 | 5522 | 56.940 | 0.764 | 0.331 | 0.024 |
| 6/18/08 22:21 | 5530 | 56.936 | 0.785 | 0.340 | -0.021 |
| 6/19/08 6:21 | 5538 | 56.937 | 0.795 | 0.344 | -0.010 |
| 6/19/08 14:21 | 5546 | 56.945 | 0.764 | 0.331 | 0.031 |
| 6/19/08 22:21 | 5554 | 56.942 | 0.733 | 0.317 | 0.031 |
| 6/20/08 6:21 | 5562 | 56.931 | 0.746 | 0.323 | -0.013 |
| 6/20/08 14:21 | 5570 | 56.941 | 0.770 | 0.333 | -0.024 |
| 6/20/08 22:21 | 5578 | 56.944 | 0.758 | 0.328 | 0.012 |
| 6/21/08 6:21 | 5586 | 56.949 | 0.789 | 0.342 | -0.031 |
| 6/21/08 14:21 | 5594 | 56.948 | 0.697 | 0.302 | 0.092 |
| 6/21/08 22:21 | 5602 | 56.953 | 0.772 | 0.334 | -0.075 |
| 6/22/08 6:21 | 5610 | 56.946 | 0.761 | 0.330 | 0.011 |
| 6/22/08 14:21 | 5618 | 56.954 | 0.712 | 0.308 | 0.049 |
| 6/22/08 22:21 | 5626 | 56.955 | 0.725 | 0.314 | -0.013 |
| 6/23/08 6:21 | 5634 | 56.941 | 0.713 | 0.309 | 0.012 |
| 6/23/08 14:21 | 5642 | 56.960 | 0.661 | 0.286 | 0.052 |
| 6/23/08 22:21 | 5650 | 56.956 | 0.673 | 0.292 | -0.012 |
| 6/24/08 6:21 | 5658 | 56.949 | 0.718 | 0.311 | -0.045 |
| 6/24/08 14:21 | 5666 | 56.966 | 0.644 | 0.279 | 0.074 |
| 6/24/08 22:21 | 5674 | 56.970 | 0.607 | 0.263 | 0.037 |
| 6/25/08 6:21 | 5682 | 56.965 | 0.635 | 0.275 | -0.028 |
| 6/25/08 14:21 | 5690 | 56.980 | 0.588 | 0.255 | 0.047 |
| 6/25/08 22:21 | 5698 | 56.970 | 0.614 | 0.266 | -0.026 |
| 6/26/08 6:21 | 5706 | 56.953 | 0.684 | 0.296 | -0.070 |
| 6/26/08 14:21 | 5714 | 56.965 | 0.651 | 0.282 | 0.033 |
| 6/26/08 22:21 | 5722 | 56.986 | 0.658 | 0.285 | -0.007 |
| 6/27/08 6:21 | 5730 | 56.987 | 0.719 | 0.311 | -0.061 |
| 6/27/08 14:21 | 5738 | 56.987 | 0.690 | 0.299 | 0.029 |
| 6/27/08 22:21 | 5746 | 57.009 | 0.670 | 0.290 | 0.020 |
| 6/28/08 6:21 | 5754 | 57.017 | 0.716 | 0.310 | -0.046 |
| 6/28/08 14:21 | 5762 | 57.027 | 0.695 | 0.301 | 0.021 |
| 6/28/08 22:21 | 5770 | 57.026 | 0.685 | 0.297 | 0.010 |
| 6/29/08 6:21 | 5778 | 57.031 | 0.741 | 0.321 | -0.056 |
| 6/29/08 14:21 | 5786 | 57.019 | 0.708 | 0.307 | 0.033 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 6/29/08 22:21 | 5794 | 57.030 | 0.719 | 0.312 | -0.011 |
| 6/30/08 6:21 | 5802 | 57.021 | 0.728 | 0.315 | -0.009 |
| 6/30/08 14:21 | 5810 | 57.023 | 0.675 | 0.292 | 0.053 |
| 6/30/08 22:21 | 5818 | 57.023 | 0.707 | 0.306 | -0.032 |
| 7/1/08 6:21 | 5826 | 57.020 | 0.721 | 0.312 | -0.014 |
| 7/1/08 14:21 | 5834 | 57.023 | 0.667 | 0.289 | 0.054 |
| 7/1/08 22:21 | 5842 | 57.033 | 0.643 | 0.278 | 0.024 |
| 7/2/08 6:21 | 5850 | 57.009 | 0.645 | 0.279 | -0.002 |
| 7/2/08 14:21 | 5858 | 57.010 | 0.602 | 0.261 | 0.043 |
| 7/2/08 22:21 | 5866 | 57.018 | 0.606 | 0.262 | -0.004 |
| 7/3/08 6:21 | 5874 | 57.031 | 0.611 | 0.265 | -0.005 |
| 7/3/08 14:21 | 5882 | 57.035 | 0.570 | 0.247 | 0.041 |
| 7/3/08 22:21 | 5890 | 57.035 | 0.580 | 0.251 | -0.010 |
| 7/4/08 6:21 | 5898 | 57.025 | 0.613 | 0.265 | -0.033 |
| 7/4/08 14:21 | 5906 | 57.019 | 0.620 | 0.269 | -0.007 |
| 7/4/08 22:21 | 5914 | 57.031 | 0.626 | 0.271 | -0.006 |
| 7/5/08 6:21 | 5922 | 57.022 | 0.676 | 0.293 | -0.050 |
| 7/5/08 14:21 | 5930 | 57.020 | 0.631 | 0.273 | 0.045 |
| 7/5/08 22:21 | 5938 | 57.024 | 0.595 | 0.258 | 0.036 |
| 7/6/08 6:21 | 5946 | 57.012 | 0.605 | 0.262 | -0.010 |
| 7/6/08 14:21 | 5954 | 57.023 | 0.576 | 0.249 | 0.029 |
| 7/6/08 22:21 | 5962 | 57.015 | 0.602 | 0.261 | -0.026 |
| 7/7/08 6:21 | 5970 | 57.021 | 0.657 | 0.284 | -0.055 |
| 7/7/08 14:21 | 5978 | 57.022 | 0.655 | 0.284 | 0.002 |
| 7/7/08 22:21 | 5986 | 57.031 | 0.648 | 0.281 | 0.007 |
| 7/8/08 6:21 | 5994 | 57.035 | 0.737 | 0.319 | -0.089 |
| 7/8/08 14:21 | 6002 | 57.027 | 0.703 | 0.304 | 0.034 |
| 7/8/08 22:21 | 6010 | 57.040 | 0.683 | 0.296 | 0.020 |
| 7/9/08 6:21 | 6018 | 57.043 | 0.713 | 0.309 | -0.030 |
| 7/9/08 14:21 | 6026 | 57.038 | 0.673 | 0.291 | 0.040 |
| 7/9/08 22:21 | 6034 | 57.048 | 0.601 | 0.260 | 0.072 |
| 7/10/08 6:21 | 6042 | 57.037 | 0.624 | 0.270 | -0.023 |
| 7/10/08 14:21 | 6050 | 57.039 | 0.571 | 0.247 | 0.053 |
| 7/10/08 22:21 | 6058 | 57.057 | 0.585 | 0.253 | -0.014 |
| 7/11/08 6:21 | 6066 | 57.052 | 0.706 | 0.306 | -0.121 |
| 7/11/08 14:21 | 6074 | 57.039 | 0.698 | 0.302 | 0.008 |
| 7/11/08 22:21 | 6082 | 57.044 | 0.712 | 0.308 | -0.014 |
| 7/12/08 6:21 | 6090 | 57.020 | 0.792 | 0.343 | -0.080 |
| 7/12/08 14:21 | 6098 | 57.032 | 0.771 | 0.334 | 0.021 |
| 7/12/08 22:21 | 6106 | 57.039 | 0.722 | 0.313 | 0.049 |
| 7/13/08 6:21 | 6114 | 57.042 | 0.765 | 0.331 | -0.043 |
| 7/13/08 14:21 | 6122 | 57.020 | 0.687 | 0.298 | 0.078 |
| 7/13/08 22:21 | 6130 | 57.022 | 0.644 | 0.279 | 0.043 |
| 7/14/08 6:21 | 6138 | 57.035 | 0.666 | 0.289 | -0.022 |
| 7/14/08 14:21 | 6146 | 57.024 | 0.618 | 0.268 | 0.048 |
| 7/14/08 22:21 | 6154 | 57.037 | 0.655 | 0.284 | -0.037 |
| 7/15/08 6:21 | 6162 | 57.043 | 0.712 | 0.308 | -0.057 |
| 7/15/08 14:21 | 6170 | 57.053 | 0.683 | 0.296 | 0.029 |
| 7/15/08 22:21 | 6178 | 57.038 | 0.715 | 0.309 | -0.032 |
| 7/16/08 6:21 | 6186 | 57.045 | 0.765 | 0.331 | -0.050 |
| 7/16/08 14:21 | 6194 | 57.045 | 0.739 | 0.320 | 0.026 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 7/16/08 22:21 | 6202 | 57.043 | 0.752 | 0.326 | -0.013 |
| 7/17/08 6:21 | 6210 | 57.020 | 0.759 | 0.329 | -0.007 |
| 7/17/08 14:21 | 6218 | 57.029 | 0.703 | 0.305 | 0.056 |
| 7/17/08 22:21 | 6226 | 57.047 | 0.686 | 0.297 | 0.017 |
| 7/18/08 6:21 | 6234 | 57.043 | 0.688 | 0.298 | -0.002 |
| 7/18/08 14:21 | 6242 | 57.040 | 0.636 | 0.276 | 0.052 |
| 7/18/08 22:21 | 6250 | 57.055 | 0.592 | 0.256 | 0.044 |
| 7/19/08 6:21 | 6258 | 57.059 | 0.593 | 0.257 | -0.001 |
| 7/19/08 14:21 | 6266 | 57.044 | 0.529 | 0.229 | 0.064 |
| 7/19/08 22:21 | 6274 | 57.034 | 0.536 | 0.232 | -0.007 |
| 7/20/08 6:21 | 6282 | 57.045 | 0.594 | 0.257 | -0.058 |
| 7/20/08 14:21 | 6290 | 57.051 | 0.597 | 0.259 | -0.003 |
| 7/20/08 22:21 | 6298 | 57.054 | 0.645 | 0.279 | -0.048 |
| 7/21/08 6:21 | 6306 | 57.049 | 0.663 | 0.287 | -0.018 |
| 7/21/08 14:21 | 6314 | 57.055 | 0.605 | 0.262 | 0.058 |
| 7/21/08 22:21 | 6322 | 57.035 | 0.628 | 0.272 | -0.023 |
| 7/22/08 6:21 | 6330 | 57.055 | 0.646 | 0.280 | -0.018 |
| 7/22/08 14:21 | 6338 | 57.061 | 0.641 | 0.278 | 0.005 |
| 7/22/08 22:21 | 6346 | 57.065 | 0.643 | 0.279 | -0.002 |
| 7/23/08 6:21 | 6354 | 57.049 | 0.669 | 0.290 | -0.026 |
| 7/23/08 14:21 | 6362 | 57.040 | 0.640 | 0.277 | 0.029 |
| 7/23/08 22:21 | 6370 | 57.046 | 0.641 | 0.278 | -0.001 |
| 7/24/08 6:21 | 6378 | 57.036 | 0.681 | 0.295 | -0.040 |
| 7/24/08 14:21 | 6386 | 57.028 | 0.630 | 0.273 | 0.051 |
| 7/24/08 22:21 | 6394 | 57.052 | 0.633 | 0.274 | -0.003 |
| 7/25/08 6:21 | 6402 | 57.027 | 0.671 | 0.291 | -0.038 |
| 7/25/08 14:21 | 6410 | 57.028 | 0.655 | 0.284 | 0.016 |
| 7/25/08 22:21 | 6418 | 57.026 | 0.671 | 0.291 | -0.016 |
| 7/26/08 6:21 | 6426 | 57.038 | 0.700 | 0.303 | -0.029 |
| 7/26/08 14:21 | 6434 | 57.035 | 0.655 | 0.284 | 0.045 |
| 7/26/08 22:21 | 6442 | 57.039 | 0.653 | 0.283 | 0.002 |
| 7/27/08 6:21 | 6450 | 57.024 | 0.676 | 0.293 | -0.023 |
| 7/27/08 14:21 | 6458 | 57.025 | 0.626 | 0.271 | 0.050 |
| 7/27/08 22:21 | 6466 | 57.028 | 0.650 | 0.282 | -0.024 |
| 7/28/08 6:21 | 6474 | 57.014 | 0.683 | 0.296 | -0.033 |
| 7/28/08 14:21 | 6482 | 57.001 | 0.653 | 0.283 | 0.030 |
| 7/28/08 22:21 | 6490 | 57.006 | 0.674 | 0.292 | -0.021 |
| 7/29/08 6:21 | 6498 | 56.988 | 0.682 | 0.295 | -0.008 |
| 7/29/08 14:21 | 6506 | 57.004 | 0.661 | 0.286 | 0.021 |
| 7/29/08 22:21 | 6514 | 56.980 | 0.700 | 0.303 | -0.039 |
| 7/30/08 6:21 | 6522 | 56.984 | 0.713 | 0.309 | -0.013 |
| 7/30/08 14:21 | 6530 | 56.977 | 0.660 | 0.286 | 0.053 |
| 7/30/08 22:21 | 6538 | 56.994 | 0.629 | 0.273 | 0.031 |
| 7/31/08 6:21 | 6546 | 56.980 | 0.650 | 0.282 | -0.021 |
| 7/31/08 14:21 | 6554 | 56.978 | 0.588 | 0.255 | 0.062 |
| 7/31/08 22:21 | 6562 | 56.991 | 0.594 | 0.257 | -0.006 |
| 8/1/08 6:21 | 6570 | 56.986 | 0.653 | 0.283 | -0.059 |
| 8/1/08 14:21 | 6578 | 56.970 | 0.627 | 0.272 | 0.026 |
| 8/1/08 22:21 | 6586 | 56.988 | 0.643 | 0.279 | -0.016 |
| 8/2/08 6:21 | 6594 | 56.989 | 0.650 | 0.282 | -0.007 |
| 8/2/08 14:21 | 6602 | 56.983 | 0.588 | 0.255 | 0.062 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 8/2/08 22:21 | 6610 | 56.977 | 0.604 | 0.262 | -0.016 |
| 8/3/08 6:21 | 6618 | 56.981 | 0.623 | 0.270 | -0.019 |
| 8/3/08 14:21 | 6626 | 57.034 | 0.595 | 0.258 | 0.028 |
| 8/3/08 22:21 | 6634 | 57.014 | 0.623 | 0.270 | -0.028 |
| 8/4/08 6:21 | 6642 | 57.025 | 0.673 | 0.292 | -0.050 |
| 8/4/08 14:21 | 6650 | 57.013 | 0.668 | 0.289 | 0.005 |
| 8/4/08 22:21 | 6658 | 57.019 | 0.699 | 0.303 | -0.031 |
| 8/5/08 6:21 | 6666 | 57.014 | 0.718 | 0.311 | -0.019 |
| 8/5/08 14:21 | 6674 | 57.005 | 0.704 | 0.305 | 0.014 |
| 8/5/08 22:21 | 6682 | 56.986 | 0.677 | 0.293 | 0.027 |
| 8/6/08 6:21 | 6690 | 56.990 | 0.708 | 0.306 | -0.031 |
| 8/6/08 14:21 | 6698 | 56.983 | 0.697 | 0.302 | 0.011 |
| 8/6/08 22:21 | 6706 | 56.994 | 0.694 | 0.301 | 0.003 |
| 8/7/08 6:21 | 6714 | 56.998 | 0.679 | 0.294 | 0.015 |
| 8/7/08 14:21 | 6722 | 56.993 | 0.610 | 0.264 | 0.069 |
| 8/7/08 22:21 | 6730 | 57.002 | 0.605 | 0.262 | 0.005 |
| 8/8/08 6:21 | 6738 | 57.000 | 0.631 | 0.273 | -0.026 |
| 8/8/08 14:21 | 6746 | 57.001 | 0.590 | 0.256 | 0.041 |
| 8/8/08 22:21 | 6754 | 56.993 | 0.626 | 0.271 | -0.036 |
| 8/9/08 6:21 | 6762 | 57.001 | 0.667 | 0.289 | -0.041 |
| 8/9/08 14:21 | 6770 | 56.994 | 0.643 | 0.278 | 0.024 |
| 8/9/08 22:21 | 6778 | 56.994 | 0.705 | 0.305 | -0.062 |
| 8/10/08 6:21 | 6786 | 56.994 | 0.754 | 0.327 | -0.049 |
| 8/10/08 14:21 | 6794 | 56.984 | 0.718 | 0.311 | 0.036 |
| 8/10/08 22:21 | 6802 | 56.993 | 0.716 | 0.310 | 0.002 |
| 8/11/08 6:21 | 6810 | 56.988 | 0.742 | 0.321 | -0.026 |
| 8/11/08 14:21 | 6818 | 56.977 | 0.685 | 0.296 | 0.057 |
| 8/11/08 22:21 | 6826 | 56.990 | 0.618 | 0.267 | 0.067 |
| 8/12/08 6:21 | 6834 | 56.984 | 0.637 | 0.276 | -0.019 |
| 8/12/08 14:21 | 6842 | 56.987 | 0.614 | 0.266 | 0.023 |
| 8/12/08 22:21 | 6850 | 56.996 | 0.598 | 0.259 | 0.016 |
| 8/13/08 6:21 | 6858 | 56.989 | 0.654 | 0.283 | -0.056 |
| 8/13/08 14:21 | 6866 | 56.996 | 0.650 | 0.282 | 0.004 |
| 8/13/08 22:21 | 6874 | 57.002 | 0.648 | 0.281 | 0.002 |
| 8/14/08 6:21 | 6882 | 57.003 | 0.716 | 0.310 | -0.068 |
| 8/14/08 14:21 | 6890 | 57.001 | 0.708 | 0.307 | 0.008 |
| 8/14/08 22:21 | 6898 | 57.016 | 0.688 | 0.298 | 0.020 |
| 8/15/08 6:21 | 6906 | 57.030 | 0.730 | 0.316 | -0.042 |
| 8/15/08 14:21 | 6914 | 57.019 | 0.663 | 0.287 | 0.067 |
| 8/15/08 22:21 | 6922 | 57.019 | 0.636 | 0.275 | 0.027 |
| 8/16/08 6:21 | 6930 | 57.034 | 0.677 | 0.293 | -0.041 |
| 8/16/08 14:21 | 6938 | 57.031 | 0.614 | 0.266 | 0.063 |
| 8/16/08 22:21 | 6946 | 57.033 | 0.586 | 0.254 | 0.028 |
| 8/17/08 6:21 | 6954 | 57.037 | 0.584 | 0.253 | 0.002 |
| 8/17/08 14:21 | 6962 | 57.049 | 0.532 | 0.231 | 0.052 |
| 8/17/08 22:21 | 6970 | 57.053 | 0.521 | 0.226 | 0.011 |
| 8/18/08 6:21 | 6978 | 57.048 | 0.595 | 0.258 | -0.074 |
| 8/18/08 14:21 | 6986 | 57.045 | 0.563 | 0.244 | 0.032 |
| 8/18/08 22:21 | 6994 | 57.048 | 0.590 | 0.255 | -0.027 |
| 8/19/08 6:21 | 7002 | 57.039 | 0.616 | 0.267 | -0.026 |
| 8/19/08 14:21 | 7010 | 57.034 | 0.605 | 0.262 | 0.011 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 8/19/08 22:21 | 7018 | 57.042 | 0.612 | 0.265 | -0.007 |
| 8/20/08 6:21 | 7026 | 57.032 | 0.604 | 0.262 | 0.008 |
| 8/20/08 14:21 | 7034 | 57.029 | 0.536 | 0.232 | 0.068 |
| 8/20/08 22:21 | 7042 | 57.041 | 0.578 | 0.250 | -0.042 |
| 8/21/08 6:21 | 7050 | 57.038 | 0.557 | 0.241 | 0.021 |
| 8/21/08 14:21 | 7058 | 57.040 | 0.515 | 0.223 | 0.042 |
| 8/21/08 22:21 | 7066 | 57.043 | 0.574 | 0.249 | -0.059 |
| 8/22/08 6:21 | 7074 | 57.042 | 0.638 | 0.276 | -0.064 |
| 8/22/08 14:21 | 7082 | 57.030 | 0.612 | 0.265 | 0.026 |
| 8/22/08 22:21 | 7090 | 57.029 | 0.590 | 0.255 | 0.022 |
| 8/23/08 6:21 | 7098 | 57.034 | 0.649 | 0.281 | -0.059 |
| 8/23/08 14:21 | 7106 | 57.029 | 0.632 | 0.274 | 0.017 |
| 8/23/08 22:21 | 7114 | 57.030 | 0.635 | 0.275 | -0.003 |
| 8/24/08 6:21 | 7122 | 57.036 | 0.670 | 0.290 | -0.035 |
| 8/24/08 14:21 | 7130 | 57.033 | 0.630 | 0.273 | 0.040 |
| 8/24/08 22:21 | 7138 | 57.047 | 0.612 | 0.265 | 0.018 |
| 8/25/08 6:21 | 7146 | 57.036 | 0.588 | 0.255 | 0.024 |
| 8/25/08 14:21 | 7154 | 57.033 | 0.487 | 0.211 | 0.101 |
| 8/25/08 22:21 | 7162 | 57.034 | 0.552 | 0.239 | -0.065 |
| 8/26/08 6:21 | 7170 | 57.022 | 0.644 | 0.279 | -0.092 |
| 8/26/08 14:21 | 7178 | 57.031 | 0.636 | 0.275 | 0.008 |
| 8/26/08 22:21 | 7186 | 57.048 | 0.645 | 0.279 | -0.009 |
| 8/27/08 6:21 | 7194 | 57.038 | 0.704 | 0.305 | -0.059 |
| 8/27/08 14:21 | 7202 | 57.021 | 0.684 | 0.296 | 0.020 |
| 8/27/08 22:21 | 7210 | 57.028 | 0.693 | 0.300 | -0.009 |
| 8/28/08 6:21 | 7218 | 57.034 | 0.766 | 0.332 | -0.073 |
| 8/28/08 14:21 | 7226 | 57.025 | 0.728 | 0.315 | 0.038 |
| 8/28/08 22:21 | 7234 | 57.036 | 0.694 | 0.301 | 0.034 |
| 8/29/08 6:21 | 7242 | 57.041 | 0.675 | 0.292 | 0.019 |
| 8/29/08 14:21 | 7250 | 57.036 | 0.592 | 0.256 | 0.083 |
| 8/29/08 22:21 | 7258 | 57.052 | 0.507 | 0.220 | 0.085 |
| 8/30/08 6:21 | 7266 | 57.039 | 0.473 | 0.205 | 0.034 |
| 8/30/08 14:21 | 7274 | 57.040 | 0.372 | 0.161 | 0.101 |
| 8/30/08 22:21 | 7282 | 57.049 | 0.349 | 0.151 | 0.023 |
| 8/31/08 6:21 | 7290 | 57.039 | 0.362 | 0.157 | -0.013 |
| 8/31/08 14:21 | 7298 | 57.034 | 0.401 | 0.174 | -0.039 |
| 8/31/08 22:21 | 7306 | 57.021 | 0.495 | 0.214 | -0.094 |
| 9/1/08 6:21 | 7314 | 57.014 | 0.689 | 0.298 | -0.194 |
| 9/1/08 14:21 | 7322 | 57.000 | 0.765 | 0.331 | -0.076 |
| 9/1/08 22:21 | 7330 | 56.997 | 0.779 | 0.338 | -0.014 |
| 9/2/08 6:21 | 7338 | 56.975 | 0.764 | 0.331 | 0.015 |
| 9/2/08 14:21 | 7346 | 56.972 | 0.700 | 0.303 | 0.064 |
| 9/2/08 22:21 | 7354 | 56.985 | 0.680 | 0.295 | 0.020 |
| 9/3/08 6:21 | 7362 | 56.980 | 0.738 | 0.319 | -0.058 |
| 9/3/08 14:21 | 7370 | 56.984 | 0.707 | 0.306 | 0.031 |
| 9/3/08 22:21 | 7378 | 56.991 | 0.679 | 0.294 | 0.028 |
| 9/4/08 6:21 | 7386 | 56.976 | 0.710 | 0.307 | -0.031 |
| 9/4/08 14:21 | 7394 | 56.981 | 0.650 | 0.282 | 0.060 |
| 9/4/08 22:21 | 7402 | 56.995 | 0.645 | 0.280 | 0.005 |
| 9/5/08 6:21 | 7410 | 56.998 | 0.723 | 0.313 | -0.078 |
| 9/5/08 14:21 | 7418 | 56.991 | 0.699 | 0.303 | 0.024 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 9/5/08 22:21 | 7426 | 56.992 | 0.675 | 0.292 | 0.024 |
| 9/6/08 6:21 | 7434 | 56.997 | 0.712 | 0.308 | -0.037 |
| 9/6/08 14:21 | 7442 | 56.992 | 0.666 | 0.289 | 0.046 |
| 9/6/08 22:21 | 7450 | 56.993 | 0.599 | 0.259 | 0.067 |
| 9/7/08 6:21 | 7458 | 57.004 | 0.625 | 0.271 | -0.026 |
| 9/7/08 14:21 | 7466 | 57.001 | 0.579 | 0.251 | 0.046 |
| 9/7/08 22:21 | 7474 | 57.007 | 0.553 | 0.240 | 0.026 |
| 9/8/08 6:21 | 7482 | 57.000 | 0.591 | 0.256 | -0.038 |
| 9/8/08 14:21 | 7490 | 56.995 | 0.539 | 0.233 | 0.052 |
| 9/8/08 22:21 | 7498 | 57.025 | 0.504 | 0.218 | 0.035 |
| 9/9/08 6:21 | 7506 | 57.005 | 0.471 | 0.204 | 0.033 |
| 9/9/08 14:21 | 7514 | 57.015 | 0.419 | 0.181 | 0.052 |
| 9/9/08 22:21 | 7522 | 57.016 | 0.426 | 0.184 | -0.007 |
| 9/10/08 6:21 | 7530 | 57.015 | 0.521 | 0.225 | -0.095 |
| 9/10/08 14:21 | 7538 | 56.995 | 0.565 | 0.245 | -0.044 |
| 9/10/08 22:21 | 7546 | 57.015 | 0.607 | 0.263 | -0.042 |
| 9/11/08 6:21 | 7554 | 57.003 | 0.677 | 0.293 | -0.070 |
| 9/11/08 14:21 | 7562 | 57.001 | 0.656 | 0.284 | 0.021 |
| 9/11/08 22:21 | 7570 | 57.005 | 0.633 | 0.274 | 0.023 |
| 9/12/08 6:21 | 7578 | 56.999 | 0.638 | 0.276 | -0.005 |
| 9/12/08 14:21 | 7586 | 56.989 | 0.598 | 0.259 | 0.040 |
| 9/12/08 22:21 | 7594 | 57.004 | 0.587 | 0.254 | 0.011 |
| 9/13/08 6:21 | 7602 | 56.998 | 0.635 | 0.275 | -0.048 |
| 9/13/08 14:21 | 7610 | 57.001 | 0.654 | 0.283 | -0.019 |
| 9/13/08 22:21 | 7618 | 57.002 | 0.665 | 0.288 | -0.011 |
| 9/14/08 6:21 | 7626 | 56.996 | 0.738 | 0.320 | -0.073 |
| 9/14/08 14:21 | 7634 | 56.994 | 0.772 | 0.334 | -0.034 |
| 9/14/08 22:21 | 7642 | 56.996 | 0.764 | 0.331 | 0.008 |
| 9/15/08 6:21 | 7650 | 57.001 | 0.809 | 0.351 | -0.045 |
| 9/15/08 14:21 | 7658 | 57.011 | 0.765 | 0.331 | 0.044 |
| 9/15/08 22:21 | 7666 | 57.007 | 0.728 | 0.315 | 0.037 |
| 9/16/08 6:21 | 7674 | 57.002 | 0.723 | 0.313 | 0.005 |
| 9/16/08 14:21 | 7682 | 57.005 | 0.676 | 0.293 | 0.047 |
| 9/16/08 22:21 | 7690 | 57.005 | 0.729 | 0.316 | -0.053 |
| 9/17/08 6:21 | 7698 | 57.005 | 0.729 | 0.316 | 0.000 |
| 9/17/08 14:21 | 7706 | 57.003 | 0.688 | 0.298 | 0.041 |
| 9/17/08 22:21 | 7714 | 57.016 | 0.708 | 0.306 | -0.020 |
| 9/18/08 6:21 | 7722 | 57.011 | 0.687 | 0.297 | 0.021 |
| 9/18/08 14:21 | 7730 | 57.009 | 0.660 | 0.286 | 0.027 |
| 9/18/08 22:21 | 7738 | 57.009 | 0.630 | 0.273 | 0.030 |
| 9/19/08 6:21 | 7746 | 57.007 | 0.642 | 0.278 | -0.012 |
| 9/19/08 14:21 | 7754 | 57.007 | 0.591 | 0.256 | 0.051 |
| 9/19/08 22:21 | 7762 | 57.016 | 0.595 | 0.258 | -0.004 |
| 9/20/08 6:21 | 7770 | 56.994 | 0.629 | 0.272 | -0.034 |
| 9/20/08 14:21 | 7778 | 56.992 | 0.605 | 0.262 | 0.024 |
| 9/20/08 22:21 | 7786 | 56.989 | 0.648 | 0.281 | -0.043 |
| 9/21/08 6:21 | 7794 | 56.982 | 0.624 | 0.270 | 0.024 |
| 9/21/08 14:21 | 7802 | 56.988 | 0.585 | 0.253 | 0.039 |
| 9/21/08 22:21 | 7810 | 56.983 | 0.644 | 0.279 | -0.059 |
| 9/22/08 6:21 | 7818 | 56.965 | 0.725 | 0.314 | -0.081 |
| 9/22/08 14:21 | 7826 | 56.964 | 0.744 | 0.322 | -0.019 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 9/22/08 22:21 | 7834 | 56.964 | 0.756 | 0.327 | -0.012 |
| 9/23/08 6:21 | 7842 | 56.956 | 0.756 | 0.327 | 0.000 |
| 9/23/08 14:21 | 7850 | 56.952 | 0.744 | 0.322 | 0.012 |
| 9/23/08 22:21 | 7858 | 56.951 | 0.734 | 0.318 | 0.010 |
| 9/24/08 6:21 | 7866 | 56.950 | 0.709 | 0.307 | 0.025 |
| 9/24/08 14:21 | 7874 | 56.954 | 0.676 | 0.293 | 0.033 |
| 9/24/08 22:21 | 7882 | 56.959 | 0.682 | 0.296 | -0.006 |
| 9/25/08 6:21 | 7890 | 56.960 | 0.677 | 0.293 | 0.005 |
| 9/25/08 14:21 | 7898 | 56.969 | 0.688 | 0.298 | -0.011 |
| 9/25/08 22:21 | 7906 | 56.971 | 0.709 | 0.307 | -0.021 |
| 9/26/08 6:21 | 7914 | 56.966 | 0.737 | 0.319 | -0.028 |
| 9/26/08 14:21 | 7922 | 56.977 | 0.708 | 0.307 | 0.029 |
| 9/26/08 22:21 | 7930 | 56.977 | 0.731 | 0.316 | -0.023 |
| 9/27/08 6:21 | 7938 | 56.970 | 0.762 | 0.330 | -0.031 |
| 9/27/08 14:21 | 7946 | 56.983 | 0.737 | 0.319 | 0.025 |
| 9/27/08 22:21 | 7954 | 56.989 | 0.746 | 0.323 | -0.009 |
| 9/28/08 6:21 | 7962 | 56.981 | 0.784 | 0.339 | -0.038 |
| 9/28/08 14:21 | 7970 | 56.985 | 0.749 | 0.324 | 0.035 |
| 9/28/08 22:21 | 7978 | 56.992 | 0.744 | 0.322 | 0.005 |
| 9/29/08 6:21 | 7986 | 56.989 | 0.754 | 0.327 | -0.010 |
| 9/29/08 14:21 | 7994 | 56.990 | 0.717 | 0.311 | 0.037 |
| 9/29/08 22:21 | 8002 | 56.987 | 0.809 | 0.351 | -0.092 |
| 9/30/08 6:21 | 8010 | 56.977 | 0.808 | 0.350 | 0.001 |
| 9/30/08 14:21 | 8018 | 56.983 | 0.796 | 0.345 | 0.012 |
| 9/30/08 22:21 | 8026 | 56.975 | 0.805 | 0.349 | -0.009 |
| 10/1/08 6:21 | 8034 | 56.977 | 0.799 | 0.346 | 0.006 |
| 10/1/08 14:21 | 8042 | 56.982 | 0.721 | 0.312 | 0.078 |
| 10/1/08 22:21 | 8050 | 56.993 | 0.671 | 0.291 | 0.050 |
| 10/2/08 6:21 | 8058 | 56.987 | 0.595 | 0.258 | 0.076 |
| 10/2/08 14:21 | 8066 | 56.984 | 0.571 | 0.248 | 0.024 |
| 10/2/08 22:21 | 8074 | 56.994 | 0.559 | 0.242 | 0.012 |
| 10/3/08 6:21 | 8082 | 57.000 | 0.478 | 0.207 | 0.081 |
| 10/3/08 14:21 | 8090 | 57.003 | 0.422 | 0.183 | 0.056 |
| 10/3/08 22:21 | 8098 | 57.001 | 0.365 | 0.158 | 0.057 |
| 10/4/08 6:21 | 8106 | 56.999 | 0.298 | 0.129 | 0.067 |
| 10/4/08 14:21 | 8114 | 56.993 | 0.376 | 0.163 | -0.078 |
| 10/4/08 22:21 | 8122 | 56.993 | 0.525 | 0.227 | -0.149 |
| 10/5/08 6:21 | 8130 | 56.989 | 0.572 | 0.248 | -0.047 |
| 10/5/08 14:21 | 8138 | 56.983 | 0.583 | 0.252 | -0.011 |
| 10/5/08 22:21 | 8146 | 56.982 | 0.712 | 0.308 | -0.129 |
| 10/6/08 6:21 | 8154 | 56.967 | 0.769 | 0.333 | -0.057 |
| 10/6/08 14:21 | 8162 | 56.965 | 0.784 | 0.340 | -0.015 |
| 10/6/08 22:21 | 8170 | 56.964 | 0.816 | 0.353 | -0.032 |
| 10/7/08 6:21 | 8178 | 56.955 | 0.871 | 0.377 | -0.055 |
| 10/7/08 14:21 | 8186 | 56.967 | 0.832 | 0.360 | 0.039 |
| 10/7/08 22:21 | 8194 | 56.968 | 0.815 | 0.353 | 0.017 |
| 10/8/08 6:21 | 8202 | 56.960 | 0.804 | 0.348 | 0.011 |
| 10/8/08 14:21 | 8210 | 56.958 | 0.696 | 0.301 | 0.108 |
| 10/8/08 22:21 | 8218 | 56.955 | 0.584 | 0.253 | 0.112 |
| 10/9/08 6:21 | 8226 | 56.934 | 0.548 | 0.237 | 0.036 |
| 10/9/08 14:21 | 8234 | 56.940 | 0.580 | 0.251 | -0.032 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 10/9/08 22:21 | 8242 | 56.926 | 0.573 | 0.248 | 0.007 |
| 10/10/08 6:21 | 8250 | 56.903 | 0.484 | 0.210 | 0.089 |
| 10/10/08 14:21 | 8258 | 56.891 | 0.524 | 0.227 | -0.040 |
| 10/10/08 22:21 | 8266 | 56.884 | 0.511 | 0.221 | 0.013 |
| 10/11/08 6:21 | 8274 | 56.872 | 0.486 | 0.211 | 0.025 |
| 10/11/08 14:21 | 8282 | 56.870 | 0.501 | 0.217 | -0.015 |
| 10/11/08 22:21 | 8290 | 56.856 | 0.644 | 0.279 | -0.143 |
| 10/12/08 6:21 | 8298 | 56.843 | 0.729 | 0.316 | -0.085 |
| 10/12/08 14:21 | 8306 | 56.844 | 0.796 | 0.345 | -0.067 |
| 10/12/08 22:21 | 8314 | 56.842 | 0.929 | 0.403 | -0.133 |
| 10/13/08 6:21 | 8322 | 56.830 | 1.027 | 0.445 | -0.098 |
| 10/13/08 14:21 | 8330 | 56.838 | 1.073 | 0.465 | -0.046 |
| 10/13/08 22:21 | 8338 | 56.834 | 1.042 | 0.451 | 0.031 |
| 10/14/08 6:21 | 8346 | 56.829 | 0.961 | 0.416 | 0.081 |
| 10/14/08 14:21 | 8354 | 56.835 | 0.866 | 0.375 | 0.095 |
| 10/14/08 22:21 | 8362 | 56.838 | 0.788 | 0.341 | 0.078 |
| 10/15/08 6:21 | 8370 | 56.841 | 0.783 | 0.339 | 0.005 |
| 10/15/08 14:21 | 8378 | 56.860 | 0.771 | 0.334 | 0.012 |
| 10/15/08 22:21 | 8386 | 56.871 | 0.808 | 0.350 | -0.037 |
| 10/16/08 6:21 | 8394 | 56.869 | 0.858 | 0.372 | -0.050 |
| 10/16/08 14:21 | 8402 | 56.878 | 0.865 | 0.375 | -0.007 |
| 10/16/08 22:21 | 8410 | 56.881 | 0.880 | 0.381 | -0.015 |
| 10/17/08 6:21 | 8418 | 56.874 | 0.875 | 0.379 | 0.005 |
| 10/17/08 14:21 | 8426 | 56.890 | 0.808 | 0.350 | 0.067 |
| 10/17/08 22:21 | 8434 | 56.896 | 0.780 | 0.338 | 0.028 |
| 10/18/08 6:21 | 8442 | 56.892 | 0.748 | 0.324 | 0.032 |
| 10/18/08 14:21 | 8450 | 56.908 | 0.718 | 0.311 | 0.030 |
| 10/18/08 22:21 | 8458 | 56.911 | 0.735 | 0.318 | -0.017 |
| 10/19/08 6:21 | 8466 | 56.913 | 0.734 | 0.318 | 0.001 |
| 10/19/08 14:21 | 8474 | 56.922 | 0.706 | 0.306 | 0.028 |
| 10/19/08 22:21 | 8482 | 56.926 | 0.704 | 0.305 | 0.002 |
| 10/20/08 6:21 | 8490 | 56.927 | 0.741 | 0.321 | -0.037 |
| 10/20/08 14:21 | 8498 | 56.928 | 0.750 | 0.325 | -0.009 |
| 10/20/08 22:21 | 8506 | 56.932 | 0.813 | 0.352 | -0.063 |
| 10/21/08 6:21 | 8514 | 56.932 | 0.921 | 0.399 | -0.108 |
| 10/21/08 14:21 | 8522 | 56.931 | 0.983 | 0.426 | -0.062 |
| 10/21/08 22:21 | 8530 | 56.920 | 1.049 | 0.454 | -0.066 |
| 10/22/08 6:21 | 8538 | 56.903 | 1.069 | 0.463 | -0.020 |
| 10/22/08 14:21 | 8546 | 56.890 | 1.023 | 0.443 | 0.046 |
| 10/22/08 22:21 | 8554 | 56.883 | 0.942 | 0.408 | 0.081 |
| 10/23/08 6:21 | 8562 | 56.875 | 0.878 | 0.380 | 0.064 |
| 10/23/08 14:21 | 8570 | 56.874 | 0.798 | 0.346 | 0.080 |
| 10/23/08 22:21 | 8578 | 56.868 | 0.811 | 0.351 | -0.013 |
| 10/24/08 6:21 | 8586 | 56.857 | 0.828 | 0.359 | -0.017 |
| 10/24/08 14:21 | 8594 | 56.868 | 0.838 | 0.363 | -0.010 |
| 10/24/08 22:21 | 8602 | 56.870 | 0.850 | 0.368 | -0.012 |
| 10/25/08 6:21 | 8610 | 56.871 | 0.868 | 0.376 | -0.018 |
| 10/25/08 14:21 | 8618 | 56.883 | 0.854 | 0.370 | 0.014 |
| 10/25/08 22:21 | 8626 | 56.884 | 0.876 | 0.379 | -0.022 |
| 10/26/08 6:21 | 8634 | 56.883 | 0.915 | 0.396 | -0.039 |
| 10/26/08 14:21 | 8642 | 56.891 | 0.906 | 0.392 | 0.009 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 10/26/08 22:21 | 8650 | 56.887 | 0.915 | 0.396 | -0.009 |
| 10/27/08 6:21 | 8658 | 56.886 | 0.936 | 0.405 | -0.021 |
| 10/27/08 14:21 | 8666 | 56.894 | 0.919 | 0.398 | 0.017 |
| 10/27/08 22:21 | 8674 | 56.899 | 0.918 | 0.398 | 0.001 |
| 10/28/08 6:21 | 8682 | 56.893 | 0.903 | 0.391 | 0.015 |
| 10/28/08 14:21 | 8690 | 56.900 | 0.890 | 0.385 | 0.013 |
| 10/28/08 22:21 | 8698 | 56.912 | 0.885 | 0.383 | 0.005 |
| 10/29/08 6:21 | 8706 | 56.908 | 0.827 | 0.358 | 0.058 |
| 10/29/08 14:21 | 8714 | 56.911 | 0.732 | 0.317 | 0.095 |
| 10/29/08 22:21 | 8722 | 56.911 | 0.694 | 0.301 | 0.038 |
| 10/30/08 6:21 | 8730 | 56.912 | 0.699 | 0.303 | -0.005 |
| 10/30/08 14:21 | 8738 | 56.916 | 0.639 | 0.277 | 0.060 |
| 10/30/08 22:21 | 8746 | 56.930 | 0.645 | 0.279 | -0.006 |
| 10/31/08 6:21 | 8754 | 56.933 | 0.696 | 0.301 | -0.051 |
| 10/31/08 14:21 | 8762 | 56.942 | 0.803 | 0.348 | -0.107 |
| 10/31/08 22:21 | 8770 | 56.949 | 0.816 | 0.353 | -0.013 |
| 11/1/08 6:21 | 8778 | 56.944 | 0.693 | 0.300 | 0.123 |
| 11/1/08 14:21 | 8786 | 56.932 | 0.604 | 0.262 | 0.089 |
| 11/1/08 22:21 | 8794 | 56.937 | 0.538 | 0.233 | 0.066 |
| 11/2/08 6:21 | 8802 | 56.929 | 0.500 | 0.217 | 0.038 |
| 11/2/08 14:21 | 8810 | 56.933 | 0.577 | 0.250 | -0.077 |
| 11/2/08 22:21 | 8818 | 56.925 | 0.649 | 0.281 | -0.072 |
| 11/3/08 6:21 | 8826 | 56.913 | 0.555 | 0.240 | 0.094 |
| 11/3/08 14:21 | 8834 | 56.908 | 0.376 | 0.163 | 0.179 |
| 11/3/08 22:21 | 8842 | 56.899 | 0.285 | 0.124 | 0.091 |
| 11/4/08 6:21 | 8850 | 56.898 | 0.437 | 0.189 | -0.152 |
| 11/4/08 14:21 | 8858 | 56.893 | 0.545 | 0.236 | -0.108 |
| 11/4/08 22:21 | 8866 | 56.878 | 0.648 | 0.281 | -0.103 |
| 11/5/08 6:21 | 8874 | 56.864 | 0.761 | 0.329 | -0.113 |
| 11/5/08 14:21 | 8882 | 56.854 | 0.800 | 0.347 | -0.039 |
| 11/5/08 22:21 | 8890 | 56.842 | 0.838 | 0.363 | -0.038 |
| 11/6/08 6:21 | 8898 | 56.845 | 0.927 | 0.402 | -0.089 |
| 11/6/08 14:21 | 8906 | 56.843 | 0.999 | 0.433 | -0.072 |
| 11/6/08 22:21 | 8914 | 56.855 | 1.030 | 0.446 | -0.031 |
| 11/7/08 6:21 | 8922 | 56.852 | 1.005 | 0.435 | 0.025 |
| 11/7/08 14:21 | 8930 | 56.855 | 0.911 | 0.395 | 0.094 |
| 11/7/08 22:21 | 8938 | 56.862 | 0.830 | 0.359 | 0.081 |
| 11/8/08 6:21 | 8946 | 56.860 | 0.729 | 0.316 | 0.101 |
| 11/8/08 14:21 | 8954 | 56.857 | 0.540 | 0.234 | 0.189 |
| 11/8/08 22:21 | 8962 | 56.864 | 0.374 | 0.162 | 0.166 |
| 11/9/08 6:21 | 8970 | 56.856 | 0.322 | 0.139 | 0.052 |
| 11/9/08 14:21 | 8978 | 56.862 | 0.368 | 0.159 | -0.046 |
| 11/9/08 22:21 | 8986 | 56.869 | 0.493 | 0.213 | -0.125 |
| 11/10/08 6:21 | 8994 | 56.856 | 0.575 | 0.249 | -0.082 |
| 11/10/08 14:21 | 9002 | 56.848 | 0.629 | 0.272 | -0.054 |
| 11/10/08 22:21 | 9010 | 56.844 | 0.682 | 0.295 | -0.053 |
| 11/11/08 6:21 | 9018 | 56.838 | 0.725 | 0.314 | -0.043 |
| 11/11/08 14:21 | 9026 | 56.844 | 0.754 | 0.326 | -0.029 |
| 11/11/08 22:21 | 9034 | 56.845 | 0.858 | 0.372 | -0.104 |
| 11/12/08 6:21 | 9042 | 56.848 | 0.891 | 0.386 | -0.033 |
| 11/12/08 14:21 | 9050 | 56.861 | 0.860 | 0.373 | 0.031 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/12/08 22:21 | 9058 | 56.871 | 0.853 | 0.369 | 0.007 |
| 11/13/08 6:21 | 9066 | 56.878 | 0.853 | 0.369 | 0.000 |
| 11/13/08 14:21 | 9074 | 56.882 | 0.857 | 0.371 | -0.004 |
| 11/13/08 22:21 | 9082 | 56.898 | 0.912 | 0.395 | -0.055 |
| 11/14/08 6:21 | 9090 | 56.889 | 1.001 | 0.434 | -0.089 |
| 11/14/08 14:21 | 9098 | 56.889 | 1.077 | 0.466 | -0.076 |
| 11/14/08 22:21 | 9106 | 56.882 | 1.132 | 0.490 | -0.055 |
| 11/15/08 6:21 | 9114 | 56.862 | 1.101 | 0.477 | 0.031 |
| 11/15/08 14:21 | 9122 | 56.861 | 1.024 | 0.443 | 0.077 |
| 11/15/08 22:21 | 9130 | 56.853 | 0.991 | 0.429 | 0.033 |
| 11/16/08 6:21 | 9138 | 56.845 | 0.962 | 0.417 | 0.029 |
| 11/16/08 14:21 | 9146 | 56.844 | 0.944 | 0.409 | 0.018 |
| 11/16/08 22:21 | 9154 | 56.841 | 0.960 | 0.416 | -0.016 |
| 11/17/08 6:21 | 9162 | 56.844 | 0.964 | 0.417 | -0.004 |
| 11/17/08 14:21 | 9170 | 56.838 | 0.933 | 0.404 | 0.031 |
| 11/17/08 22:21 | 9178 | 56.839 | 0.924 | 0.400 | 0.009 |
| 11/18/08 6:21 | 9186 | 56.842 | 0.900 | 0.390 | 0.024 |
| 11/18/08 14:21 | 9194 | 56.838 | 0.856 | 0.371 | 0.044 |
| 11/18/08 22:21 | 9202 | 56.840 | 0.825 | 0.358 | 0.031 |
| 11/19/08 6:21 | 9210 | 56.838 | 0.797 | 0.345 | 0.028 |
| 11/19/08 14:21 | 9218 | 56.832 | 0.780 | 0.338 | 0.017 |
| 11/19/08 22:21 | 9226 | 56.838 | 0.752 | 0.326 | 0.028 |
| 11/20/08 6:21 | 9234 | 56.843 | 0.721 | 0.312 | 0.031 |
| 11/20/08 14:21 | 9242 | 56.838 | 0.733 | 0.318 | -0.012 |
| 11/20/08 22:39 | 9250 | 56.844 | 0.870 | 0.377 | -0.020 |
| 11/21/08 6:39 | 9258 | 56.834 | 0.888 | 0.384 | -0.018 |
| 11/21/08 14:39 | 9266 | 56.826 | 0.805 | 0.349 | 0.083 |
| 11/21/08 22:39 | 9274 | 56.815 | 0.751 | 0.325 | 0.054 |
| 11/22/08 6:39 | 9282 | 56.799 | 0.702 | 0.304 | 0.049 |
| 11/22/08 14:39 | 9290 | 56.803 | 0.683 | 0.296 | 0.019 |
| 11/22/08 22:39 | 9298 | 56.804 | 0.752 | 0.326 | -0.069 |
| 11/23/08 6:39 | 9306 | 56.795 | 0.775 | 0.335 | -0.023 |
| 11/23/08 14:39 | 9314 | 56.794 | 0.779 | 0.337 | -0.004 |
| 11/23/08 22:39 | 9322 | 56.793 | 0.805 | 0.349 | -0.026 |
| 11/24/08 6:39 | 9330 | 56.788 | 0.807 | 0.349 | -0.002 |
| 11/24/08 14:39 | 9338 | 56.787 | 0.764 | 0.331 | 0.043 |
| 11/24/08 22:39 | 9346 | 56.785 | 0.754 | 0.327 | 0.010 |
| 11/25/08 6:39 | 9354 | 56.784 | 0.731 | 0.317 | 0.023 |
| 11/25/08 14:39 | 9362 | 56.788 | 0.659 | 0.285 | 0.072 |
| 11/25/08 22:39 | 9370 | 56.790 | 0.612 | 0.265 | 0.047 |
| 11/26/08 6:39 | 9378 | 56.787 | 0.564 | 0.244 | 0.048 |
| 11/26/08 14:39 | 9386 | 56.798 | 0.466 | 0.202 | 0.098 |
| 11/26/08 22:39 | 9394 | 56.805 | 0.580 | 0.251 | -0.114 |
| 11/27/08 6:39 | 9402 | 56.802 | 0.619 | 0.268 | -0.039 |
| 11/27/08 14:39 | 9410 | 56.807 | 0.661 | 0.286 | -0.042 |
| 11/27/08 22:39 | 9418 | 56.808 | 0.754 | 0.326 | -0.093 |
| 11/28/08 6:39 | 9426 | 56.803 | 0.847 | 0.367 | -0.093 |
| 11/28/08 14:39 | 9434 | 56.802 | 0.879 | 0.380 | -0.032 |
| 11/28/08 22:39 | 9442 | 56.804 | 0.941 | 0.407 | -0.062 |
| 11/29/08 6:39 | 9450 | 56.796 | 0.971 | 0.420 | -0.030 |
| 11/29/08 14:39 | 9458 | 56.799 | 0.985 | 0.427 | -0.014 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 11/29/08 22:39 | 9466 | 56.802 | 1.017 | 0.440 | -0.032 |
| 11/30/08 6:39 | 9474 | 56.796 | 1.002 | 0.434 | 0.015 |
| 11/30/08 14:39 | 9482 | 56.793 | 0.924 | 0.400 | 0.078 |
| 11/30/08 22:39 | 9490 | 56.800 | 0.874 | 0.378 | 0.050 |
| 12/1/08 6:39 | 9498 | 56.793 | 0.821 | 0.356 | 0.053 |
| 12/1/08 14:39 | 9506 | 56.792 | 0.743 | 0.322 | 0.078 |
| 12/1/08 22:39 | 9514 | 56.802 | 0.676 | 0.293 | 0.067 |
| 12/2/08 6:39 | 9522 | 56.815 | 0.664 | 0.288 | 0.012 |
| 12/2/08 14:39 | 9530 | 56.817 | 0.768 | 0.332 | -0.104 |
| 12/2/08 22:39 | 9538 | 56.827 | 0.888 | 0.385 | -0.120 |
| 12/3/08 6:39 | 9546 | 56.814 | 0.853 | 0.370 | 0.035 |
| 12/3/08 14:39 | 9554 | 56.806 | 0.787 | 0.341 | 0.066 |
| 12/3/08 22:39 | 9562 | 56.791 | 0.769 | 0.333 | 0.018 |
| 12/4/08 6:39 | 9570 | 56.784 | 0.769 | 0.333 | 0.000 |
| 12/4/08 14:39 | 9578 | 56.773 | 0.801 | 0.347 | -0.032 |
| 12/4/08 22:39 | 9586 | 56.765 | 0.883 | 0.382 | -0.082 |
| 12/5/08 6:39 | 9594 | 56.757 | 0.924 | 0.400 | -0.041 |
| 12/5/08 14:39 | 9602 | 56.750 | 0.916 | 0.397 | 0.008 |
| 12/5/08 22:39 | 9610 | 56.743 | 0.958 | 0.415 | -0.042 |
| 12/6/08 6:39 | 9618 | 56.739 | 0.929 | 0.402 | 0.029 |
| 12/6/08 14:39 | 9626 | 56.724 | 0.874 | 0.379 | 0.055 |
| 12/6/08 22:39 | 9634 | 56.724 | 0.823 | 0.357 | 0.051 |
| 12/7/08 6:39 | 9642 | 56.722 | 0.740 | 0.321 | 0.083 |
| 12/7/08 14:39 | 9650 | 56.726 | 0.637 | 0.276 | 0.103 |
| 12/7/08 22:39 | 9658 | 56.732 | 0.559 | 0.242 | 0.078 |
| 12/8/08 6:39 | 9666 | 56.730 | 0.550 | 0.238 | 0.009 |
| 12/8/08 14:39 | 9674 | 56.733 | 0.653 | 0.283 | -0.103 |
| 12/8/08 22:39 | 9682 | 56.735 | 0.819 | 0.355 | -0.166 |
| 12/9/08 6:39 | 9690 | 56.717 | 0.925 | 0.401 | -0.106 |
| 12/9/08 14:39 | 9698 | 56.708 | 0.959 | 0.415 | -0.034 |
| 12/9/08 22:39 | 9706 | 56.704 | 1.021 | 0.442 | -0.062 |
| 12/10/08 6:39 | 9714 | 56.695 | 1.050 | 0.455 | -0.029 |
| 12/10/08 14:39 | 9722 | 56.705 | 1.035 | 0.448 | 0.015 |
| 12/10/08 22:39 | 9730 | 56.694 | 1.007 | 0.436 | 0.028 |
| 12/11/08 6:39 | 9738 | 56.691 | 0.937 | 0.406 | 0.070 |
| 12/11/08 14:39 | 9746 | 56.691 | 0.797 | 0.345 | 0.140 |
| 12/11/08 22:39 | 9754 | 56.693 | 0.704 | 0.305 | 0.093 |
| 12/12/08 6:39 | 9762 | 56.689 | 0.623 | 0.270 | 0.081 |
| 12/12/08 14:39 | 9770 | 56.693 | 0.393 | 0.170 | 0.230 |
| 12/12/08 22:39 | 9778 | 56.696 | 0.118 | 0.051 | 0.275 |
| 12/13/08 6:39 | 9786 | 56.696 | 0.152 | 0.066 | -0.034 |
| 12/13/08 14:39 | 9794 | 56.701 | 0.161 | 0.070 | -0.009 |
| 12/13/08 22:39 | 9802 | 56.691 | 0.250 | 0.108 | -0.089 |
| 12/14/08 6:39 | 9810 | 56.680 | 0.293 | 0.127 | -0.043 |
| 12/14/08 14:39 | 9818 | 56.687 | 0.289 | 0.125 | 0.004 |
| 12/14/08 22:39 | 9826 | 56.680 | 0.217 | 0.094 | 0.072 |
| 12/15/08 6:39 | 9834 | 56.686 | 0.168 | 0.073 | 0.049 |
| 12/15/08 14:39 | 9842 | 56.681 | 0.145 | 0.063 | 0.023 |
| 12/15/08 22:39 | 9850 | 56.673 | 0.247 | 0.107 | -0.102 |
| 12/16/08 6:39 | 9858 | 56.674 | 0.382 | 0.166 | -0.135 |
| 12/16/08 14:39 | 9866 | 56.667 | 0.512 | 0.222 | -0.130 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 12/16/08 22:39 | 9874 | 56.649 | 0.590 | 0.256 | -0.078 |
| 12/17/08 6:39 | 9882 | 56.633 | 0.610 | 0.264 | -0.020 |
| 12/17/08 14:39 | 9890 | 56.617 | 0.512 | 0.222 | 0.098 |
| 12/17/08 22:39 | 9898 | 56.603 | 0.447 | 0.194 | 0.065 |
| 12/18/08 6:39 | 9906 | 56.597 | 0.392 | 0.170 | 0.055 |
| 12/18/08 14:39 | 9914 | 56.585 | 0.460 | 0.199 | -0.068 |
| 12/18/08 22:39 | 9922 | 56.586 | 0.430 | 0.186 | 0.030 |
| 12/19/08 6:39 | 9930 | 56.604 | 0.487 | 0.211 | -0.057 |
| 12/19/08 14:39 | 9938 | 56.618 | 0.639 | 0.277 | -0.152 |
| 12/19/08 22:39 | 9946 | 56.621 | 0.759 | 0.329 | -0.120 |
| 12/20/08 6:39 | 9954 | 56.619 | 0.777 | 0.337 | -0.018 |
| 12/20/08 14:39 | 9962 | 56.629 | 0.785 | 0.340 | -0.008 |
| 12/20/08 22:39 | 9970 | 56.625 | 0.760 | 0.329 | 0.025 |
| 12/21/08 6:39 | 9978 | 56.633 | 0.669 | 0.290 | 0.091 |
| 12/21/08 14:39 | 9986 | 56.639 | 0.464 | 0.201 | 0.205 |
| 12/21/08 22:39 | 9994 | 56.645 | 0.235 | 0.102 | 0.229 |
| 12/22/08 6:39 | 10002 | 56.665 | 0.196 | 0.085 | 0.039 |
| 12/22/08 14:39 | 10010 | 56.670 | 0.203 | 0.088 | -0.007 |
| 12/22/08 22:39 | 10018 | 56.665 | 0.262 | 0.113 | -0.059 |
| 12/23/08 6:39 | 10026 | 56.669 | 0.310 | 0.134 | -0.048 |
| 12/23/08 14:39 | 10034 | 56.657 | 0.387 | 0.168 | -0.077 |
| 12/23/08 22:39 | 10042 | 56.657 | 0.419 | 0.182 | -0.032 |
| 12/24/08 6:39 | 10050 | 56.642 | 0.416 | 0.180 | 0.003 |
| 12/24/08 14:39 | 10058 | 56.634 | 0.335 | 0.145 | 0.081 |
| 12/24/08 22:39 | 10066 | 56.626 | 0.101 | 0.044 | 0.234 |
| 12/25/08 6:39 | 10074 | 56.633 | -0.051 | -0.022 | 0.152 |
| 12/25/08 14:39 | 10082 | 56.646 | 0.096 | 0.042 | -0.147 |
| 12/25/08 22:39 | 10090 | 56.649 | 0.240 | 0.104 | -0.144 |
| 12/26/08 6:39 | 10098 | 56.652 | 0.500 | 0.216 | -0.260 |
| 12/26/08 14:39 | 10106 | 56.636 | 0.691 | 0.299 | -0.191 |
| 12/26/08 22:39 | 10114 | 56.639 | 0.778 | 0.337 | -0.087 |
| 12/27/08 6:39 | 10122 | 56.628 | 0.773 | 0.335 | 0.005 |
| 12/27/08 14:39 | 10130 | 56.631 | 0.787 | 0.341 | -0.014 |
| 12/27/08 22:39 | 10138 | 56.646 | 0.831 | 0.360 | -0.044 |
| 12/28/08 6:39 | 10146 | 56.659 | 0.814 | 0.353 | 0.017 |
| 12/28/08 14:39 | 10154 | 56.652 | 0.813 | 0.352 | 0.001 |
| 12/28/08 22:39 | 10162 | 56.665 | 0.787 | 0.341 | 0.026 |
| 12/29/08 6:39 | 10170 | 56.663 | 0.727 | 0.315 | 0.060 |
| 12/29/08 14:39 | 10178 | 56.669 | 0.727 | 0.315 | 0.000 |
| 12/29/08 22:39 | 10186 | 56.677 | 0.795 | 0.344 | -0.068 |
| 12/30/08 6:39 | 10194 | 56.690 | 0.821 | 0.356 | -0.026 |
| 12/30/08 14:39 | 10202 | 56.691 | 0.765 | 0.331 | 0.056 |
| 12/30/08 22:39 | 10210 | 56.680 | 0.743 | 0.322 | 0.022 |
| 12/31/08 6:39 | 10218 | 56.681 | 0.757 | 0.328 | -0.014 |
| 12/31/08 14:39 | 10226 | 56.682 | 0.701 | 0.304 | 0.056 |
| 12/31/08 22:39 | 10234 | 56.692 | 0.724 | 0.313 | -0.023 |
| 1/1/09 6:39 | 10242 | 56.684 | 0.682 | 0.295 | 0.042 |
| 1/1/09 14:39 | 10250 | 56.701 | 0.616 | 0.267 | 0.066 |
| 1/1/09 22:39 | 10258 | 56.699 | 0.524 | 0.227 | 0.092 |
| 1/2/09 6:39 | 10266 | 56.711 | 0.276 | 0.119 | 0.248 |
| 1/2/09 14:39 | 10274 | 56.721 | 0.300 | 0.130 | -0.024 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/2/09 22:39 | 10282 | 56.715 | 0.461 | 0.200 | -0.161 |
| 1/3/09 6:39 | 10290 | 56.705 | 0.579 | 0.251 | -0.118 |
| 1/3/09 14:39 | 10298 | 56.705 | 0.635 | 0.275 | -0.056 |
| 1/3/09 22:39 | 10306 | 56.684 | 0.673 | 0.291 | -0.038 |
| 1/4/09 6:39 | 10314 | 56.665 | 0.682 | 0.295 | -0.009 |
| 1/4/09 14:39 | 10322 | 56.652 | 0.711 | 0.308 | -0.029 |
| 1/4/09 22:39 | 10330 | 56.646 | 0.691 | 0.299 | 0.020 |
| 1/5/09 6:39 | 10338 | 56.640 | 0.512 | 0.222 | 0.179 |
| 1/5/09 14:39 | 10346 | 56.640 | 0.548 | 0.237 | -0.036 |
| 1/5/09 22:39 | 10354 | 56.652 | 0.653 | 0.283 | -0.105 |
| 1/6/09 6:39 | 10362 | 56.648 | 0.682 | 0.296 | -0.029 |
| 1/6/09 14:39 | 10370 | 56.669 | 0.746 | 0.323 | -0.064 |
| 1/6/09 22:39 | 10378 | 56.685 | 0.804 | 0.348 | -0.058 |
| 1/7/09 6:39 | 10386 | 56.688 | 0.800 | 0.346 | 0.004 |
| 1/7/09 14:39 | 10394 | 56.704 | 0.773 | 0.335 | 0.027 |
| 1/7/09 22:39 | 10402 | 56.715 | 0.734 | 0.318 | 0.039 |
| 1/8/09 6:39 | 10410 | 56.711 | 0.618 | 0.268 | 0.116 |
| 1/8/09 14:39 | 10418 | 56.726 | 0.664 | 0.287 | -0.046 |
| 1/8/09 22:39 | 10426 | 56.723 | 0.841 | 0.364 | -0.177 |
| 1/9/09 6:39 | 10434 | 56.699 | 0.945 | 0.409 | -0.104 |
| 1/9/09 14:39 | 10442 | 56.710 | 1.087 | 0.471 | -0.142 |
| 1/9/09 22:39 | 10450 | 56.706 | 1.174 | 0.509 | -0.087 |
| 1/10/09 6:39 | 10458 | 56.686 | 1.214 | 0.526 | -0.040 |
| 1/10/09 14:39 | 10466 | 56.684 | 1.216 | 0.527 | -0.002 |
| 1/10/09 22:39 | 10474 | 56.675 | 1.228 | 0.532 | -0.012 |
| 1/11/09 6:39 | 10482 | 56.663 | 1.187 | 0.514 | 0.041 |
| 1/11/09 14:39 | 10490 | 56.670 | 1.168 | 0.506 | 0.019 |
| 1/11/09 22:39 | 10498 | 56.674 | 1.184 | 0.513 | -0.016 |
| 1/12/09 6:39 | 10506 | 56.664 | 1.172 | 0.508 | 0.012 |
| 1/12/09 14:39 | 10514 | 56.676 | 1.194 | 0.517 | -0.022 |
| 1/12/09 22:39 | 10522 | 56.677 | 1.211 | 0.525 | -0.017 |
| 1/13/09 6:39 | 10530 | 56.680 | 1.161 | 0.503 | 0.050 |
| 1/13/09 14:39 | 10538 | 56.691 | 1.100 | 0.476 | 0.061 |
| 1/13/09 22:39 | 10546 | 56.690 | 1.097 | 0.475 | 0.003 |
| 1/14/09 6:39 | 10554 | 56.678 | 1.034 | 0.448 | 0.063 |
| 1/14/09 14:39 | 10562 | 56.683 | 0.992 | 0.430 | 0.042 |
| 1/14/09 22:39 | 10570 | 56.687 | 1.004 | 0.435 | -0.012 |
| 1/15/09 6:39 | 10578 | 56.682 | 1.001 | 0.434 | 0.003 |
| 1/15/09 14:39 | 10586 | 56.679 | 1.013 | 0.439 | -0.012 |
| 1/15/09 22:39 | 10594 | 56.683 | 1.048 | 0.454 | -0.035 |
| 1/16/09 6:39 | 10602 | 56.675 | 1.078 | 0.467 | -0.030 |
| 1/16/09 14:39 | 10610 | 56.684 | 1.075 | 0.466 | 0.003 |
| 1/16/09 22:39 | 10618 | 56.676 | 1.071 | 0.464 | 0.004 |
| 1/17/09 6:39 | 10626 | 56.664 | 1.015 | 0.440 | 0.056 |
| 1/17/09 14:39 | 10634 | 56.663 | 1.002 | 0.434 | 0.013 |
| 1/17/09 22:39 | 10642 | 56.660 | 1.023 | 0.443 | -0.021 |
| 1/18/09 6:39 | 10650 | 56.657 | 1.081 | 0.468 | -0.058 |
| 1/18/09 14:39 | 10658 | 56.657 | 1.108 | 0.480 | -0.027 |
| 1/18/09 22:39 | 10666 | 56.643 | 1.096 | 0.475 | 0.012 |
| 1/19/09 6:39 | 10674 | 56.632 | 1.058 | 0.458 | 0.038 |
| 1/19/09 14:39 | 10682 | 56.645 | 0.990 | 0.429 | 0.068 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 1/19/09 22:39 | 10690 | 56.639 | 0.953 | 0.413 | 0.037 |
| 1/20/09 6:39 | 10698 | 56.635 | 0.914 | 0.396 | 0.039 |
| 1/20/09 14:39 | 10706 | 56.639 | 0.863 | 0.374 | 0.051 |
| 1/20/09 22:39 | 10714 | 56.644 | 0.830 | 0.359 | 0.033 |
| 1/21/09 6:39 | 10722 | 56.628 | 0.791 | 0.342 | 0.039 |
| 1/21/09 14:39 | 10730 | 56.629 | 0.732 | 0.317 | 0.059 |
| 1/21/09 22:39 | 10738 | 56.643 | 0.669 | 0.290 | 0.063 |
| 1/22/09 6:39 | 10746 | 56.648 | 0.605 | 0.262 | 0.064 |
| 1/22/09 14:39 | 10754 | 56.660 | 0.574 | 0.248 | 0.031 |
| 1/22/09 22:39 | 10762 | 56.669 | 0.647 | 0.280 | -0.073 |
| 1/23/09 6:39 | 10770 | 56.671 | 0.683 | 0.296 | -0.036 |
| 1/23/09 14:39 | 10778 | 56.685 | 0.679 | 0.294 | 0.004 |
| 1/23/09 22:39 | 10786 | 56.695 | 0.661 | 0.286 | 0.018 |
| 1/24/09 6:39 | 10794 | 56.703 | 0.618 | 0.268 | 0.043 |
| 1/24/09 14:39 | 10802 | 56.715 | 0.567 | 0.246 | 0.051 |
| 1/24/09 22:39 | 10810 | 56.722 | 0.513 | 0.222 | 0.054 |
| 1/25/09 6:39 | 10818 | 56.710 | 0.415 | 0.180 | 0.098 |
| 1/25/09 14:39 | 10826 | 56.721 | 0.414 | 0.179 | 0.001 |
| 1/25/09 22:39 | 10834 | 56.715 | 0.443 | 0.192 | -0.029 |
| 1/26/09 6:39 | 10842 | 56.704 | 0.493 | 0.213 | -0.050 |
| 1/26/09 14:39 | 10850 | 56.705 | 0.607 | 0.263 | -0.114 |
| 1/26/09 22:39 | 10858 | 56.683 | 0.848 | 0.367 | -0.241 |
| 1/27/09 6:39 | 10866 | 56.668 | 0.975 | 0.422 | -0.127 |
| 1/27/09 14:39 | 10874 | 56.659 | 1.005 | 0.435 | -0.030 |
| 1/27/09 22:39 | 10882 | 56.633 | 1.013 | 0.439 | -0.008 |
| 1/28/09 6:39 | 10890 | 56.631 | 0.978 | 0.424 | 0.035 |
| 1/28/09 14:39 | 10898 | 56.628 | 0.955 | 0.413 | 0.023 |
| 1/28/09 22:39 | 10906 | 56.639 | 1.027 | 0.445 | -0.072 |
| 1/29/09 6:39 | 10914 | 56.639 | 1.084 | 0.470 | -0.057 |
| 1/29/09 14:39 | 10922 | 56.643 | 1.104 | 0.478 | -0.020 |
| 1/29/09 22:39 | 10930 | 56.642 | 1.128 | 0.489 | -0.024 |
| 1/30/09 6:39 | 10938 | 56.632 | 1.095 | 0.474 | 0.033 |
| 1/30/09 14:39 | 10946 | 56.634 | 1.005 | 0.435 | 0.090 |
| 1/30/09 22:39 | 10954 | 56.641 | 0.912 | 0.395 | 0.093 |
| 1/31/09 6:39 | 10962 | 56.633 | 0.856 | 0.371 | 0.056 |
| 1/31/09 14:39 | 10970 | 56.643 | 0.780 | 0.338 | 0.076 |
| 1/31/09 22:39 | 10978 | 56.637 | 0.800 | 0.347 | -0.020 |
| 2/1/09 6:39 | 10986 | 56.630 | 0.914 | 0.396 | -0.114 |
| 2/1/09 14:39 | 10994 | 56.640 | 0.950 | 0.411 | -0.036 |
| 2/1/09 22:39 | 11002 | 56.639 | 0.974 | 0.422 | -0.024 |
| 2/2/09 6:39 | 11010 | 56.629 | 0.973 | 0.421 | 0.001 |
| 2/2/09 14:39 | 11018 | 56.639 | 0.939 | 0.406 | 0.034 |
| 2/2/09 22:39 | 11026 | 56.645 | 0.941 | 0.408 | -0.002 |
| 2/3/09 6:39 | 11034 | 56.635 | 0.889 | 0.385 | 0.052 |
| 2/3/09 14:39 | 11042 | 56.650 | 0.823 | 0.356 | 0.066 |
| 2/3/09 22:39 | 11050 | 56.657 | 0.765 | 0.331 | 0.058 |
| 2/4/09 6:39 | 11058 | 56.650 | 0.738 | 0.319 | 0.027 |
| 2/4/09 14:39 | 11066 | 56.669 | 0.686 | 0.297 | 0.052 |
| 2/4/09 22:39 | 11074 | 56.673 | 0.603 | 0.261 | 0.083 |
| 2/5/09 6:39 | 11082 | 56.676 | 0.474 | 0.205 | 0.129 |
| 2/5/09 14:39 | 11090 | 56.695 | 0.410 | 0.177 | 0.064 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 2/5/09 22:39 | 11098 | 56.705 | 0.436 | 0.189 | -0.026 |
| 2/6/09 6:39 | 11106 | 56.699 | 0.421 | 0.183 | 0.015 |
| 2/6/09 14:39 | 11114 | 56.701 | 0.442 | 0.191 | -0.021 |
| 2/6/09 22:39 | 11122 | 56.715 | 0.480 | 0.208 | -0.038 |
| 2/7/09 6:39 | 11130 | 56.702 | 0.495 | 0.214 | -0.015 |
| 2/7/09 14:39 | 11138 | 56.714 | 0.540 | 0.234 | -0.045 |
| 2/7/09 22:39 | 11146 | 56.711 | 0.496 | 0.215 | 0.044 |
| 2/8/09 6:39 | 11154 | 56.699 | 0.388 | 0.168 | 0.108 |
| 2/8/09 14:39 | 11162 | 56.705 | 0.274 | 0.119 | 0.114 |
| 2/8/09 22:39 | 11170 | 56.689 | 0.170 | 0.074 | 0.104 |
| 2/9/09 6:39 | 11178 | 56.697 | 0.144 | 0.062 | 0.026 |
| 2/9/09 14:39 | 11186 | 56.699 | 0.307 | 0.133 | -0.163 |
| 2/9/09 22:39 | 11194 | 56.690 | 0.492 | 0.213 | -0.185 |
| 2/10/09 6:39 | 11202 | 56.673 | 0.571 | 0.247 | -0.079 |
| 2/10/09 14:39 | 11210 | 56.663 | 0.534 | 0.231 | 0.037 |
| 2/10/09 22:39 | 11218 | 56.656 | 0.532 | 0.230 | 0.002 |
| 2/11/09 6:39 | 11226 | 56.649 | 0.549 | 0.238 | -0.017 |
| 2/11/09 14:39 | 11234 | 56.663 | 0.520 | 0.225 | 0.029 |
| 2/11/09 22:39 | 11242 | 56.653 | 0.519 | 0.225 | 0.001 |
| 2/12/09 6:39 | 11250 | 56.657 | 0.545 | 0.236 | -0.026 |
| 2/12/09 14:39 | 11258 | 56.652 | 0.591 | 0.256 | -0.046 |
| 2/12/09 22:39 | 11266 | 56.655 | 0.533 | 0.231 | 0.058 |
| 2/13/09 6:39 | 11274 | 56.646 | 0.383 | 0.166 | 0.150 |
| 2/13/09 14:39 | 11282 | 56.652 | 0.323 | 0.140 | 0.060 |
| 2/13/09 22:39 | 11290 | 56.645 | 0.330 | 0.143 | -0.007 |
| 2/14/09 6:39 | 11298 | 56.652 | 0.377 | 0.163 | -0.047 |
| 2/14/09 14:39 | 11306 | 56.656 | 0.465 | 0.202 | -0.088 |
| 2/14/09 22:39 | 11314 | 56.649 | 0.456 | 0.197 | 0.009 |
| 2/15/09 6:39 | 11322 | 56.634 | 0.380 | 0.165 | 0.076 |
| 2/15/09 14:39 | 11330 | 56.648 | 0.331 | 0.144 | 0.049 |
| 2/15/09 22:39 | 11338 | 56.653 | 0.281 | 0.122 | 0.050 |
| 2/16/09 6:39 | 11346 | 56.646 | 0.211 | 0.091 | 0.070 |
| 2/16/09 14:39 | 11354 | 56.663 | 0.112 | 0.049 | 0.099 |
| 2/16/09 22:39 | 11362 | 56.667 | 0.223 | 0.097 | -0.111 |
| 2/17/09 6:39 | 11370 | 56.661 | 0.349 | 0.151 | -0.126 |
| 2/17/09 14:39 | 11378 | 56.669 | 0.445 | 0.193 | -0.096 |
| 2/17/09 22:39 | 11386 | 56.657 | 0.596 | 0.258 | -0.151 |
| 2/18/09 6:39 | 11394 | 56.660 | 0.750 | 0.325 | -0.154 |
| 2/18/09 14:39 | 11402 | 56.681 | 0.833 | 0.361 | -0.083 |
| 2/18/09 22:39 | 11410 | 56.673 | 0.854 | 0.370 | -0.021 |
| 2/19/09 6:39 | 11418 | 56.663 | 0.861 | 0.373 | -0.007 |
| 2/19/09 14:39 | 11426 | 56.680 | 0.822 | 0.356 | 0.039 |
| 2/19/09 22:39 | 11434 | 56.676 | 0.783 | 0.339 | 0.039 |
| 2/20/09 6:39 | 11442 | 56.662 | 0.789 | 0.342 | -0.006 |
| 2/20/09 14:39 | 11450 | 56.670 | 0.770 | 0.333 | 0.019 |
| 2/20/09 22:39 | 11458 | 56.675 | 0.733 | 0.318 | 0.037 |
| 2/21/09 6:39 | 11466 | 56.656 | 0.723 | 0.313 | 0.010 |
| 2/21/09 14:39 | 11474 | 56.671 | 0.663 | 0.287 | 0.060 |
| 2/21/09 22:39 | 11482 | 56.678 | 0.630 | 0.273 | 0.033 |
| 2/22/09 6:39 | 11490 | 56.692 | 0.554 | 0.240 | 0.076 |
| 2/22/09 14:39 | 11498 | 56.701 | 0.561 | 0.243 | -0.007 |

| Date and Time | Elapsed Time Hours | Temperature (F) | Depth (feet) | Pressure (PSI) | Water Level Change (feet) |
|---|---|---|---|---|---|
| --- | --- | --- | --- | --- | --- |
| 2/22/09 22:39 | 11506 | 56.709 | 0.629 | 0.273 | -0.068 |
| 2/23/09 6:39 | 11514 | 56.705 | 0.601 | 0.260 | 0.028 |
| 2/23/09 14:39 | 11522 | 56.724 | 0.552 | 0.239 | 0.049 |
| 2/23/09 22:39 | 11530 | 56.741 | 0.562 | 0.243 | -0.010 |
| 2/24/09 6:39 | 11538 | 56.748 | 0.610 | 0.264 | -0.048 |
| 2/24/09 14:39 | 11546 | 56.772 | 0.644 | 0.279 | -0.034 |
| 2/24/09 22:39 | 11554 | 56.767 | 0.597 | 0.258 | 0.047 |
| 2/25/09 6:39 | 11562 | 56.754 | 0.525 | 0.227 | 0.072 |
| 2/25/09 13:56 | 11570 | 56.763 | 0.579 | 0.251 | -0.054 |
| 2/25/09 14:01 | 11578 | 56.772 | 0.585 | 0.253 | -0.006 |

AquA

# Appendix B

## State Engineer's Smoke Creek Basin Printout

Hydrogeologic Consulting LLC

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 10345 | | | 3/11/39 | DEN | SPR | SW | SW | 33 | 35N | 22E | 0 | MM | | 0 | AFA | FISK, MRS. EFFIE M. |
| 21 | 11272 | | | 4/25/45 | CAN | UG | NW | SW | 26 | 29N | 19E | 1.4 | IRR | | 560 | AFA | HELLER, BONNIE JEAN |
| 21 | 11443 | | 4594 | 12/6/45 | CER | STR | NE | SW | 30 | 32N | 20E | 0 | IRR | | 1043.96 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | 11443 | CHANGED BY: | 72495 | | WDR | OSW | | | | | | | | | | | |
| 21 | 13943 | | 5588 | 12/12/51 | CER | STR | NE | NE | 30 | 34N | 22E | 0 | IRR | | 1788 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | 13943 | CHANGED BY: | 67618 | | RFA | STR | | | | | | | | | | | |
| 21 | 13943 | CHANGED BY: | 72507 | | WDR | STR | | | | | | | | | | | |
| 21 | 13943 | CHANGED BY: | 77092T | | RFA | STR | | | | | | | | | | | |
| 21 | 1446 | | 50 | 10/4/09 | CER | SPR | | | 13 | 33N | 22E | 0.23 | OTH | | 166.33438 | AFA | GERLACH IMPROVEMENT ASSOCIATION |
| 21 | 1452 | | | 10/13/09 | CAN | STR | NW | NW | 15 | 32N | 23E | 0.2 | OTH | | 0 | | WESTERN PACIFIC RAILWAY CO. |
| 21 | 1574 | | | 1/8/10 | CAN | STR | | | 25 | 32N | 19E | 0 | IRR | | 0 | | ADAMS, C.L. |
| 21 | 16523 | | 5839 | 6/1/55 | CER | UG | SE | NW | 32 | 32N | 20E | 3.5 | IRR | Y | 718.32 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | 16523 | CHANGED BY: | 72496 | | WDR | UG | | | | | | | | Y | | | |
| 21 | 16810 | | 5840 | 12/9/55 | CER | UG | SE | NW | 32 | 32N | 20E | 3.25 | IRR | Y | 718.32 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | 16810 | CHANGED BY: | 72497 | | WDR | UG | | | | | | | | Y | | | |
| 21 | 19876 | | | 5/31/61 | WDR | STR | NE | SE | 30 | 34N | 22E | 1.5 | IRR | | | | FISK, CLYDE |
| 21 | 2019 | | | 4/20/11 | CAN | STR | | | 1 | 29N | 21E | 0 | IRR | | | | SCHELL, ALFRED J. |
| 21 | 2091 | | 491 | 6/7/11 | CER | STR | SE | NE | 21 | 34N | 22E | 0.366 | IRR | | 155.53 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | 2091 | CHANGED BY: | 72500 | | WDR | STR | | | | | | | | | | | |
| 21 | 21116 | | 6980 | 3/11/63 | CER | UG | SW | NE | 36 | 33N | 22E | 1.114 | IRR | | 61.56 | AFA | SHERRILL DON GUISASOLA |
| 21 | 21117 | | | 3/11/63 | WDR | UG | SW | NE | 36 | 33N | 22E | 1.7 | IRR | | 320 | AFA | LINGENFELTER, CORNELIUS T. |
| 21 | 2386 | | 443 | 3/25/12 | CER | STR | SW | SE | 31 | 31N | 19E | 2.09 | IRR | | 576.22 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 2386 | CHANGED BY: | 72559 | | WDR | STR | | | | | | | | | | | |
| 21 | 2491 | | | 8/14/12 | CAN | STR | | NW | 18 | 34N | 22E | 1.6 | IRR | | | | HOLLAND, L. J. |
| 21 | 25536 | | | 4/9/70 | CAN | UG | NW | SW | 26 | 29N | 19E | 0.013 | STK | | 13.441782 | AFA | BONHAM BROS. |
| 21 | 25537 | | | 4/9/70 | CAN | UG | NW | SW | 26 | 29N | 19E | 0.013 | STK | | 13.441782 | AFA | BONHAM BROS. |
| 21 | 25538 | | | 4/9/70 | CAN | UG | | LT02 | 26 | 29N | 19E | 0.013 | STK | | 13.441782 | AFA | BONHAM BROS. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 25539 | | | 4/9/70 | CAN | UG | | LT01 | 26 | 29N | 19E | 0.013 | STK | | 13.441782 | AFA | BONHAM BROS. |
| 21 | 2604 | | | 1/3/13 | CAN | STR | NE | NW | 5 | 30N | 19E | 0 | IRR | | | | BLANCHETT, GUY |
| 21 | 2705 | | 1974 | 5/7/13 | CER | OSW | NE | SW | 30 | 32N | 20E | 0.44 | IRR | | 66 | AFS | JOHN ESPIL SHEEP CO., INC. |
| 21 | 2705 | CHANGED BY: | 72487 | | WDR | OSW | | | | | | | | | | | |
| 21 | 2797 | | | 10/4/13 | DEN | STR | NE | NE | 25 | 32N | 19E | 0 | IRR | | 0 | AFA | MCINTYRE, H.L. |
| 21 | 2828 | | | 11/18/13 | WDR | STR | NE | NE | 13 | 34N | 21E | 1 | IRR | | 480 | AFS | GERLACH LIVE STOCK CO. |
| 21 | 2829 | | | 11/18/13 | WDR | STR | NE | NE | 30 | 34N | 22E | 33 | IRR | | 13200 | AFS | GERLACH LIVE STOCK COMPANY |
| 21 | 2831 | | | 11/18/13 | WDR | STR | NE | SW | 33 | 34N | 22E | 5 | IRR | | 2000 | AFS | GERLACH LIVE STOCK COMPANY |
| 21 | 2834 | | | 11/18/13 | WDR | SPR | SE | NW | 27 | 33N | 22E | 2 | IRR | | | | GERLACH LIVE STOCK |
| 21 | 3033 | | | 7/9/14 | DEN | SPR | SE | NW | 19 | 34N | 22E | 0.4 | IRR | | | | FISK, C.W. |
| 21 | 3102 | | | 9/4/14 | DEN | SPR | NW | SE | 19 | 34N | 22E | 0.6 | IRR | | 400 | AFS | FISK, C. W. |
| 21 | 3105 | | 1118 | 9/8/14 | CER | STR | SE | SE | 10 | 33N | 19E | 0.158 | IRR | | 47.31 | AFS | JOHN ESPIL SHEEP CO. |
| 21 | 3113 | | | 9/17/14 | CAN | SPR | SW | NE | 10 | 30N | 19E | 0.8 | IRD | | 320 | AFS | CORNELL, ELTON F. |
| 21 | 3156 | | | 11/4/14 | WDR | STR | SE | SW | 22 | 30N | 21E | 2 | IRR | | | | RAGER, CHARLES A. |
| 21 | 3197 | | | 12/3/14 | DEN | SPR | NW | NW | 2 | 33N | 22E | 1 | IRR | | | | DICKINSON, FRANK |
| 21 | 3239 | | | 1/16/15 | CAN | SPR | NE | NE | 30 | 34N | 22E | 0.1 | IRR | | 40 | AFS | BOLAND, JOE |
| 21 | 32564 | | | 6/30/77 | CAN | UG | | | 8 | 30N | 18E | 2.7 | IRC | | | | TODD, JEFF |
| 21 | 35228 | | | 3/28/78 | CAN | UG | SW | NW | 16 | 30N | 19E | 4 | IRR | | | | RANEY, CLIFFORD |
| 21 | 36389 | | | 1/2/79 | DEN | UG | SE | SW | 16 | 30N | 19E | 3.4 | IRD | | 800 | AFA | RANEY, RUTH J. |
| 21 | 38125 | | 13069 | 5/8/79 | CER | UG | NE | NE | 31 | 32N | 20E | 5.2 | IRR | | 464 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | 38125 | CHANGED BY: | 72498 | | WDR | UG | | | | | | | | | | | |
| 21 | 38199 | | | 5/16/79 | DEN | UG | SW | NE | 8 | 30N | 19E | 2.4 | IRR | | | | RANEY, CLIFFORD |
| 21 | 38222 | | | 5/21/79 | CAN | UG | SE | NW | 9 | 30N | 19E | 3.2 | IRR | | | | RANEY, ALBERT C. III |
| 21 | 3911 | | | 4/17/16 | DEN | STR | NE | NE | 30 | 34N | 22E | 0 | IRR | | 72.4 | AFA | HOLLAND, L.J. |
| 21 | 40867 | | | 3/11/80 | DEN | UG | NE | SW | 9 | 30N | 19E | 2.8 | IRR | | | | RANEY, ALBERT C. III |
| 21 | 41089 | | | 4/14/80 | WDR | SPR | SE | NE | 27 | 34N | 22E | 0.25 | IRD | | 160 | AFA | FISK, CLYDE W. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 41090 | | | 4/14/80 | CAN | OSW | SE | NW | 29 | 34N | 22E | 1.25 | IRR | | | | FISK, CLYDE W. |
| 21 | 41958 | | | 7/31/80 | CAN | UG | NE | SW | 2 | 30N | 19E | 2 | IRR | | 320 | AFS | KOLSTRUP, MERLE Z. |
| 21 | 41959 | | | 7/31/80 | CAN | UG | SW | SE | 2 | 30N | 19E | 2 | IRR | | 320 | AFS | KOLSTRUP, MERLE Z. |
| 21 | 4204 | | | 10/25/16 | CAN | SPR | NW | SW | 27 | 34N | 22E | 1.6 | IRR | | | | FELTS, MARCUS R. |
| 21 | 43095 | | | 1/13/81 | WDR | SPR | SW | SW | 35 | 34N | 22E | 0.5 | IRR | | 240 | AFA | SELMI, BRUNO |
| 21 | 43096 | | | 1/13/81 | WDR | SPR | SW | SW | 35 | 34N | 22E | 0.5 | IRR | | 240 | AFA | SELMI, BRUNO |
| 21 | 43097 | | | 1/13/81 | PER | SPR | NW | NW | 2 | 33N | 22E | 0.5 | IRR | | 160 | AFA | SELMI, BRUNO |
| 21 | 43098 | | | 1/13/81 | PER | SPR | NW | NW | 2 | 33N | 22E | 0.5 | IRR | | 160 | AFA | SELMI, BRUNO |
| 21 | 43099 | | | 1/13/81 | WDR | SPR | NE | SE | 3 | 33N | 22E | 1 | IRR | | 160 | AFA | SELMI, BRUNO |
| 21 | 43100 | | | 1/13/81 | WDR | SPR | NE | SE | 3 | 33N | 22E | 0.5 | IRR | | 160 | AFA | SELMI, BRUNO |
| 21 | 45282 | | | 2/4/82 | RFA | STR | SE | NW | 29 | 34N | 22E | 1 | IRR | | 160 | AFS | CHRISTOPHER, MICHAEL & GERALDEAN |
| 21 | 4548 | | | 8/23/17 | WDR | STR | NE | NE | 33 | 30N | 21E | 0.15 | OTH | | | | WESTERN PACIFIC RAILROAD COMPANY |
| 21 | 4549 | | 474 | 8/23/17 | CER | SPR | NW | SW | 34 | 30N | 21E | 0.1 | OTH | | 72.395351 | AFA | WESTERN PACIFIC RAILROAD COMPANY |
| 21 | 47291 | | 12246 | 10/4/83 | CER | STR | NE | NE | 35 | 30N | 18E | 0.003 | STK | | 1.53445 | AFS | BLM |
| 21 | 47699 | | | 2/21/84 | ABR | UG | | LT01 | 3 | 33N | 22E | 0 | IRR | | 0 | AFA | SELMI, BRUNO |
| 21 | 47699 | CHANGED BY: | 70355 | | PER | UG | | | | | | | | | | | |
| 21 | 47699 | CHANGED BY: | 70356 | | PER | UG | | | | | | | | | | | |
| 21 | 48156 | | 13076 | 6/27/84 | CER | UG | NE | NE | 31 | 32N | 20E | 2 | IRD | | 124 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | 48156 | CHANGED BY: | 72499 | | WDR | UG | | | | | | | | | | | |
| 21 | 48531 | | 12273 | 11/5/84 | CER | LAK | NE | SE | 1 | 34N | 18E | 0.0052 | STK | | 3.0689 | AFS | BLM |
| 21 | 4931 | | | 2/20/18 | DEN | STR | | LT01 | 19 | 34N | 22E | 20 | STO | | | | HOLLAND, L.J. |
| 21 | 4980 | | | 3/27/18 | CAN | SPR | SW | SE | 16 | 34N | 22E | 0.167 | IRR | | 40 | AFS | BOYER, C.F. |
| 21 | 4981 | | | 3/27/18 | CAN | SPR | NE | NE | 21 | 34N | 22E | 0.167 | IRR | | 40 | AFS | BOYER, C.F. |
| 21 | 50191 | | | 10/2/86 | DEN | UG | SW | SW | 24 | 33N | 22E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50192 | | | 10/2/86 | DEN | UG | NW | NW | 4 | 30N | 19E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50206 | | | 10/2/86 | DEN | UG | SE | NE | 20 | 33N | 22E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50207 | | | 10/2/86 | DEN | UG | SE | NW | 30 | 32N | 20E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 50208 | | | 10/2/86 | DEN | UG | NE | SW | 11 | 31N | 19E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50209 | | | 10/2/86 | DEN | UG | NE | NW | 9 | 30N | 19E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50210 | | | 10/2/86 | DEN | UG | NW | SE | 29 | 30N | 21E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50211 | | | 10/2/86 | DEN | UG | SW | SE | 30 | 33N | 23E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50212 | | | 10/2/86 | DEN | UG | NW | NE | 9 | 33N | 22E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50214 | | | 10/2/86 | DEN | UG | NE | NW | 4 | 33N | 22E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50215 | | | 10/2/86 | DEN | UG | SE | NE | 32 | 34N | 22E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50216 | | | 10/2/86 | DEN | UG | NE | SW | 20 | 32N | 20E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50217 | | | 10/2/86 | DEN | UG | SW | SW | 21 | 32N | 20E | 5 | QM | | 3619.921 | AFA | WASHOE COUNTY |
| 21 | 50289 | | | 10/16/86 | DEN | UG | SE | NW | 12 | 29N | 18E | 0 | STO | | 0 | | SPARKS-CITY |
| 21 | 50290 | | | 10/16/86 | DEN | UG | NW | SW | 8 | 29N | 19E | 0 | STO | | 0 | | SPARKS-CITY |
| 21 | 50291 | | | 10/16/86 | DEN | UG | SE | SE | 6 | 29N | 19E | 0 | STO | | 0 | | SPARKS-CITY |
| 21 | 5062 | | 475 | 5/10/18 | CER | SPR | NE | NW | 33 | 30N | 21E | 0.15 | OTH | | 108.577682 | AFA | WESTERN PACIFIC RAILROAD COMPANY |
| 21 | 51639 | | | 12/21/87 | PER | UG | SW | SW | 26 | 33N | 22E | 0.04 | IRR | Y | 28.96 | AFA | BOGARD, JOHN |
| 21 | 51639 | CHANGED BY: | 78054 | | RFA | UG | | | | | | | | Y | | | |
| 21 | 51640 | | | 12/21/87 | PER | UG | SW | SW | 26 | 33N | 22E | 0.1 | IRR | Y | 72.4 | AFA | BOGARD, JOHN |
| 21 | 51640 | CHANGED BY: | 77782 | | RFA | UG | | | | | | | | Y | | | |
| 21 | 51641 | | | 12/21/87 | PER | UG | SW | SE | 27 | 33N | 22E | 0.25 | IRR | Y | 62.2 | AFA | BOGARD, JOHN |
| 21 | 51642 | | | 12/21/87 | ABR | UG | SW | SW | 26 | 33N | 22E | ###### | COM | | 0 | AFA | BOGARD, JOHN |
| 21 | 51642 | CHANGED BY: | 71123 | | PER | UG | | | | | | | | | | | |
| 21 | 5203 | | 587 | 8/12/18 | CER | SPR | SE | NE | 18 | 34N | 19E | 0.004 | STK | | 2.792699 | AFA | NORTON, CHARLES C. |
| 21 | 5204 | | 588 | 8/12/18 | CER | SPR | NW | NE | 19 | 34N | 19E | 0.004 | STK | | 2.792699 | AFA | NORTON, CHARLES C. |
| 21 | 52136 | | | 5/26/88 | ABR | UG | NW | SE | 10 | 29N | 19E | 0 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | 52136 | CHANGED BY: | 72557 | | WDR | UG | | | | | | | | | | | |
| 21 | 52136 | CHANGED BY: | 74576 | | PER | UG | | | | | | | | | | | |
| 21 | 52137 | | | 5/26/88 | PER | UG | NW | NW | 11 | 29N | 19E | 3 | IRR | Y | 1600 | AFA | JACKRABBIT PROPERTIES LLC |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 52137 | CHANGED BY: | 77634 | | RFP | UG | | | | | | | | Y | | | |
| 21 | 52138 | | | 5/26/88 | PER | UG | SE | NW | 35 | 29N | 19E | 3 | IRR | | 524.32 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | 52138 | CHANGED BY: | 72558 | | WDR | UG | | | | | | | | | | | |
| 21 | 52138 | CHANGED BY: | 77635 | | RFP | UG | | | | | | | | | | | |
| 21 | 5227 | | 589 | 8/23/18 | CER | SPR | NW | NW | 29 | 34N | 19E | 0.1 | IRR | | 40 | AFS | NORTON, CHARLES C. |
| 21 | 5244 | | | 9/11/18 | WDR | LAK | SW | SW | 16 | 34N | 19E | 2.4 | IRR | | 0 | AFS | NORTON, CHARLES C. |
| 21 | 5245 | | | 9/11/18 | WDR | LAK | NE | NW | 8 | 34N | 19E | 0 | IRR | | 0 | AFS | NORTON, CHARLES C. |
| 21 | 54489 | | 14970 | 2/27/90 | CER | STR | SW | SE | 15 | 31N | 18E | 5 | REC | | 362.007444 | AFA | BLM |
| 21 | 60584 | | | 10/19/94 | PER | UG | SW | SW | 16 | 30N | 19E | 0.0436 | STK | Y | 31.364158 | AFA | ESPIL SHEEP COMPANY, INC. |
| 21 | 60585 | | | 10/19/94 | PER | UG | NE | SE | 4 | 29N | 19E | 0.044 | STK | Y | 31.364158 | AFA | ESPIL SHEEP CO., INC. |
| 21 | 60586 | | | 10/19/94 | PER | UG | NE | SE | 18 | 32N | 20E | 0.044 | STK | Y | 31.364158 | AFA | ESPIL SHEEP CO., INC. |
| 21 | 60587 | | | 10/19/94 | PER | UG | SE | NE | 27 | 31N | 19E | 0.0436 | STK | Y | 31.364158 | AFA | ESPIL SHEEP CO., INC. |
| 21 | 6096 | | | 5/6/20 | DEN | STR | SW | SW | 32 | 31N | 19E | 12 | IRR | | 4800 | AFS | NEVADA & CALIFORNIA LAND & LIVE STOC |
| 21 | 61105 | | | 4/7/95 | ABR | SPR | SW | NE | 34 | 33N | 21E | 0 | DOM | | 0 | AFA | CULP, JENNIFER S. |
| 21 | 61105 | CHANGED BY: | 66149 | | CER | SPR | | | | | | | | | | | |
| 21 | 63942 | | 15878 | 3/11/98 | CER | SPR | SW | SW | 35 | 34N | 22E | 0.0037 | STK | | 2.67976348 | AFA | SELMI, BRUNO |
| 21 | 63943 | | 15879 | 3/11/98 | CER | SPR | SW | SW | 35 | 34N | 22E | 0.027 | STK | | 1.964096 | AFA | SELMI, BRUNO |
| 21 | 63944 | | 15880 | 3/11/98 | CER | SPR | NE | SE | 3 | 33N | 22E | 0.0071 | STK | | 5.125063 | AFA | SELMI, BRUNO |
| 21 | 63945 | | 15881 | 3/11/98 | CER | SPR | NE | SE | 3 | 33N | 22E | 0.0052 | STK | | 3.774747 | AFA | SELMI, BRUNO |
| 21 | 63992 | | | 3/27/98 | RFP | UG | SW | SW | 24 | 33N | 22E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63993 | | | 3/27/98 | RFP | UG | NW | NW | 4 | 30N | 19E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63994 | | | 3/27/98 | RFP | UG | SE | NE | 20 | 33N | 22E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63995 | | | 3/27/98 | RFP | UG | SE | NW | 30 | 32N | 20E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63996 | | | 3/27/98 | RFP | UG | NE | SW | 11 | 31N | 19E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63997 | | | 3/27/98 | RFP | UG | NE | NW | 9 | 30N | 19E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63998 | | | 3/27/98 | RFP | UG | NW | SE | 29 | 30N | 21E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 63999 | | | 3/27/98 | RFP | UG | SW | SE | 30 | 33N | 23E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -- | -- | ----- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 21 | 64000 | | | 3/27/98 | RFP | UG | NW | NE | 9 | 33N | 22E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 64001 | | | 3/27/98 | RFP | UG | NE | NW | 4 | 33N | 22E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 64002 | | | 3/27/98 | RFP | UG | SE | NE | 32 | 34N | 22E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 64003 | | | 3/27/98 | RFP | UG | NE | SW | 20 | 32N | 20E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 64004 | | | 3/27/98 | RFP | UG | SW | SW | 21 | 32N | 20E | 5 | MUN | | 3619.85 | AFA | WASHOE COUNTY |
| 21 | 64555 | 7067 | 16499 | 10/28/98 | CER | UG | NE | NE | 9 | 32N | 21E | 0.3743 | WLD | Y | 118 | AFA | CULP, JENNIFER S. |
| 21 | 64556 | | 16500 | 10/28/98 | CER | UG | NE | NE | 9 | 32N | 21E | 0.2696 | WLD | Y | 195.18 | AFA | CULP, JENNIFER S. |
| 21 | 64557 | | 16501 | 10/28/98 | CER | UG | NE | NE | 9 | 32N | 21E | 0.098 | WLD | Y | 70.95 | AFA | CULP, JENNIFER S. |
| 21 | 64558 | | 16502 | 10/28/98 | CER | UG | NE | NE | 9 | 32N | 21E | 0.143 | WLD | Y | 103.53 | AFA | CULP, JENNIFER S. |
| 21 | 64559 | | 16503 | 10/28/98 | CER | UG | SW | SW | 3 | 32N | 21E | 0.0405 | WLD | Y | 29.32 | AFA | FLEMING, LINDA |
| 21 | 64560 | | 16504 | 10/28/98 | CER | UG | NW | SW | 3 | 32N | 21E | 0.0633 | WLD | Y | 45.83 | AFA | FLEMING, LINDA |
| 21 | 64968 | | | 3/18/99 | PER | STR | NW | NE | 24 | 32N | 17E | 57 | IRR | | 5687.48 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 64968 | CHANGED BY: | 72533 | | WDR | STR | | | | | | | | | | | |
| 21 | 64969 | | | 3/18/99 | PER | STR | SE | SE | 7 | 31N | 18E | 22 | IRR | | 1600 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 64969 | CHANGED BY: | 72534 | | WDR | STR | | | | | | | | | | | |
| 21 | 65002 | | | 4/2/99 | PER | STR | SE | SW | 32 | 31N | 19E | 15 | IRR | | 4800 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 65002 | CHANGED BY: | 72537 | | WDR | STR | | | | | | | | | | | |
| 21 | 65002 | CHANGED BY: | 72538 | | WDR | STR | | | | | | | | | | | |
| 21 | 65002 | CHANGED BY: | 72539 | | WDR | STR | | | | | | | | | | | |
| 21 | 65002 | CHANGED BY: | 72540 | | WDR | STR | | | | | | | | | | | |
| 21 | 65002 | CHANGED BY: | 72541 | | WDR | STR | | | | | | | | | | | |
| 21 | 65029 | | | 4/8/99 | PER | UG | SW | NW | 33 | 32N | 20E | 0.25 | IRR | | 181 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 65029 | CHANGED BY: | 72488 | | WDR | UG | | | | | | | | | | | |
| 21 | 65030 | | | 4/8/99 | PER | UG | NE | SW | 4 | 31N | 20E | 0.1 | IRR | | 72 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 65030 | CHANGED BY: | 72489 | | WDR | UG | | | | | | | | | | | |
| 21 | 65077 | | | 4/22/99 | ABR | UG | NW | SE | 24 | 32N | 17E | ###### | IRR | | 0 | AFA | JACKRABBIT PROPERTES, LLC |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 65077 | CHANGED BY: | 72535 | | WDR | UG | | | | | | | | | | | |
| 21 | 65077 | CHANGED BY: | 75403 | | PER | UG | | | | | | | | | | | |
| 21 | 65078 | | | 4/22/99 | PER | UG | NW | SE | 24 | 32N | 17E | 1.5 | IRR | | 1085.96 | AFA | JACKRABBIT PROPERTES, LLC |
| 21 | 65078 | CHANGED BY: | 72536 | | WDR | UG | | | | | | | | | | | |
| 21 | 6568 | | | 9/26/21 | WDR | SPR | | | 2 | 33N | 22E | 1 | IRR | | | | PHILLIPS, LESLIE F. |
| 21 | 66149 | 61105 | 16526 | 3/15/00 | CER | SPR | SW | NE | 34 | 33N | 21E | 0.011 | WLD | | 2.02 | AFA | CULP, JENNIFER S. |
| 21 | 66376 | | | 5/17/00 | PER | UG | SW | SW | 33 | 34N | 22E | 5.4 | IRR | | 1440 | AFA | COURTNEY, CECIL R. |
| 21 | 6688 | | | 6/1/22 | WDR | STR | NE | NW | 2 | 33N | 22E | 0.4 | IRR | | 0 | | PACIFIC PORTLAND CEMENT CO. CONSOL. |
| 21 | 6689 | | | 6/1/22 | CAN | SPR | | E2 | 11 | 33N | 22E | 0.5 | MM | | 0 | | PACIFIC PORTLAND CEMENT COMPANY |
| 21 | 67048 | | | 1/4/01 | RFA | STR | SW | SE | 14 | 34N | 22E | 2.5 | IRR | | 400 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67048 | CHANGED BY: | 72501 | | WDR | STR | | | | | | | | | | | |
| 21 | 67402 | | | 4/6/01 | PER | UG | SW | NW | 29 | 34N | 22E | 1.5 | IRR | | 479.6 | AFA | CHRISTOPHER, GERALDEAN |
| 21 | 67402 | CHANGED BY: | 77636 | | RFP | UG | | | | | | | | | | | |
| 21 | 6760 | | | 9/13/22 | DEN | STR | SW | NW | 30 | 32N | 20E | 0 | IRR | | 0 | AFS | MCDONALD, ROY |
| 21 | 67618 | 13943 | | 5/30/01 | RFA | STR | NE | NE | 30 | 34N | 22E | 0 | IRR | | 1200 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67619 | | | 5/30/01 | RFA | UG | NW | NW | 15 | 33N | 22E | 2 | IRR | | 1447.94 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67619 | CHANGED BY: | 72508 | | WDR | UG | | | | | | | | | | | |
| 21 | 67620 | | | 5/30/01 | RFA | UG | NE | NE | 9 | 33N | 22E | 2 | IRR | | 1447.94 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67620 | CHANGED BY: | 72509 | | WDR | UG | | | | | | | | | | | |
| 21 | 67621 | | | 5/30/01 | RFA | UG | SW | SW | 10 | 33N | 22E | 2 | IRR | | 1447.94 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67621 | CHANGED BY: | 72510 | | WDR | UG | | | | | | | | | | | |
| 21 | 67622 | | | 5/30/01 | RFA | UG | NE | SE | 4 | 33N | 22E | 2 | IRR | | 1447.94 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67622 | CHANGED BY: | 72511 | | WDR | UG | | | | | | | | | | | |
| 21 | 67623 | | | 5/30/01 | RFA | UG | NE | NE | 10 | 30N | 19E | 3 | IRR | | 1600 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67623 | CHANGED BY: | 72542 | | WDR | UG | | | | | | | | | | | |
| 21 | 67624 | | | 5/30/01 | RFA | UG | NE | SE | 4 | 30N | 19E | 3 | IRR | | 1600 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67624 | CHANGED BY: | 72543 | | WDR | UG | | | | | | | | | | | |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 67625 | | | 5/30/01 | RFA | UG | NE | NW | 5 | 30N | 19E | 3 | IRR | | 1600 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 67625 | CHANGED BY: | 72544 | | WDR | UG | | | | | | | | | | | |
| 21 | 68749 | | | 4/30/02 | DEN | UG | NE | NW | 25 | 33N | 21E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68750 | | | 4/30/02 | DEN | UG | NW | NE | 20 | 33N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68751 | | | 4/30/02 | DEN | UG | SE | NW | 22 | 33N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68752 | | | 4/30/02 | DEN | UG | NE | NW | 15 | 32N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68753 | | | 4/30/02 | DEN | UG | NE | NW | 14 | 32N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68807 | | | 5/13/02 | RFP | UG | NE | NW | 25 | 33N | 21E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68808 | | | 5/13/02 | RFP | UG | NW | NE | 20 | 33N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68809 | | | 5/13/02 | RFP | UG | SE | NW | 22 | 33N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68810 | | | 5/13/02 | RFP | UG | NE | NW | 15 | 32N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 68811 | | | 5/13/02 | RFP | UG | NE | NW | 14 | 32N | 22E | 5 | IND | | 0 | AFA | HIGH ROCK HOLDINGS, LLC |
| 21 | 69068 | V01280 | | 8/12/02 | RFA | STR | NE | NE | 30 | 34N | 22E | 0 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69071 | | | 8/15/02 | RFP | UG | SW | NW | 28 | 32N | 20E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69072 | | | 8/15/02 | RFP | UG | SW | SW | 28 | 32N | 20E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69073 | | | 8/15/02 | RFP | UG | NW | SE | 29 | 32N | 20E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69074 | | | 8/15/02 | RFP | UG | SE | SW | 33 | 32N | 20E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69075 | | | 8/15/02 | RFP | UG | NW | NW | 4 | 31N | 20E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69076 | | | 8/15/02 | RFP | UG | SW | NE | 4 | 31N | 20E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69077 | | | 8/15/02 | RFP | UG | NE | SE | 4 | 33N | 22E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 69078 | | | 8/15/02 | RFP | UG | NW | NW | 15 | 33N | 22E | 5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 70355 | 47699 | | 8/27/03 | PER | UG | | LT01 | 3 | 33N | 22E | 0.3078 | IRR | Y | 72.44 | AFA | SELMI, BRUNO |
| 21 | 70355 | CHANGED BY: | 72532 | | WDR | UG | | | | | | | | Y | | | |
| 21 | 70355 | CHANGED BY: | 76385 | | RFA | UG | | | | | | | | Y | | | |
| 21 | 70356 | 47699 | | 8/23/03 | PER | UG | | LT09 | 3 | 33N | 22E | 3.6922 | IRR | Y | 868.8 | AFA | SELMI, BRUNO |
| 21 | 70356 | CHANGED BY: | 72531 | | WDR | UG | | | | | | | | Y | | | |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 70356 | CHANGED BY: | 76384 | | RFA | UG | | | | | | | | Y | | | |
| 21 | 70650 | V09128 | | 11/19/03 | RFA | STR | SE | SE | 19 | 34N | 22E | 1.5 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | 7066 | | | 3/26/24 | ABR | UG | NE | NE | 9 | 31N | 20E | 0 | IRR | | 0 | AFS | BONHAM, EMMA V. |
| 21 | 7066 | CHANGED BY: | 7142 | | CER | UG | | | | | | | | | | | |
| 21 | 7067 | | 1599 | 3/26/24 | ABR | UG | NE | NE | 9 | 32N | 21E | 0 | IRR | | 0 | AFS | CULP, JENNIFER S. |
| 21 | 7067 | CHANGED BY: | 64555 | | CER | UG | | | | | | | | | | | |
| 21 | 70697 | | | 12/18/03 | RFA | SPR | SE | NE | 27 | 34N | 22E | 0.25 | IRR | | 40 | AFA | STANLEY, RICHARD A. & LINDA K. |
| 21 | 70753 | | | 1/9/04 | CAN | UG | NE | SE | 20 | 32N | 20E | 0.028 | STK | Y | 20.27 | AFA | JOHN ESPIL SHEEP COMPANY |
| 21 | 70754 | | | 1/9/04 | CAN | UG | NE | NW | 9 | 30N | 19E | 0.028 | STK | Y | 20.27 | AFA | JOHN ESPIL SHEEP COMPANY |
| 21 | 70755 | | | 1/9/04 | CAN | UG | NE | SW | 11 | 31N | 19E | 0.028 | STK | Y | 20.27 | AFA | JOHN ESPIL SHEEP COMPANY |
| 21 | 71123 | 51642 | | 4/27/04 | PER | UG | SW | SW | 26 | 33N | 22E | 0.02 | COM | | 8.28 | AFA | BOGARD, JOHN & MARY |
| 21 | 7116 | | | 5/15/24 | CAN | UG | NW | SW | 4 | 31N | 20E | 5 | IRR | | | | SHERMAN, AGNES E. |
| 21 | 7142 | 7066 | 2168 | 6/23/24 | CER | UG | NE | SE | 5 | 31N | 20E | 0.4334 | IRR | | 131.29 | AFS | JOHN ESPIL SHEEP CO., INC. |
| 21 | 7142 | CHANGED BY: | 72494 | | WDR | UG | | | | | | | | | | | |
| 21 | 7181 | | | 7/29/24 | WDR | UG | NW | NW | 14 | 30N | 19E | 1 | IRR | | 200 | AFS | GALINDO, HARRY P. |
| 21 | 72487 | 2705 | | 4/6/05 | WDR | OSW | NE | SE | 31 | 32N | 20E | 0.44 | PWR | | 66 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72488 | 65029 | | 4/6/05 | WDR | UG | SW | NW | 4 | 31N | 20E | 0.25 | PWR | | 181 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72489 | 65030 | | 4/6/05 | WDR | UG | SW | NW | 4 | 31N | 20E | 0.1 | PWR | | 72 | AFA | GRANITE FOX POWER, LLC |
| 21 | 7249 | | | 11/17/24 | WDR | UG | SE | NW | 14 | 30N | 19E | 1 | IRR | | 200 | AFS | GALINDO, H.P. |
| 21 | 72490 | V09091 | | 4/6/05 | WDR | UG | SW | NW | 4 | 31N | 20E | 0.15 | PWR | | 152.04 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72491 | V09092 | | 4/6/05 | WDR | UG | NE | SW | 32 | 32N | 20E | 0.15 | PWR | | 342.2 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72492 | V09093 | | 4/6/05 | WDR | UG | NE | SW | 32 | 32N | 20E | 0.15 | PWR | | 342.2 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72493 | V09090 | | 4/6/05 | WDR | UG | SE | SE | 30 | 32N | 20E | 0.7 | PWR | | 182.28 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72494 | 7142 | | 4/6/05 | WDR | UG | SE | SE | 30 | 32N | 20E | 0.4334 | PWR | | 131.29 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72495 | 11443 | | 4/6/05 | WDR | OSW | NE | SE | 30 | 32N | 20E | 0 | PWR | | 1500 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72496 | 16523 | | 4/6/05 | WDR | UG | NE | SW | 32 | 32N | 20E | 3.5 | PWR | | 718.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72497 | 16810 | | 4/6/05 | WDR | UG | NE | SE | 31 | 32N | 20E | 3.25 | PWR | | 718.32 | AFA | GRANITE FOX POWER, LLC |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 72498 | 38125 | | 4/6/05 | WDR | UG | SE | SE | 30 | 32N | 20E | 5.2 | PWR | | 464 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72499 | 48156 | | 4/6/05 | WDR | UG | SE | SE | 30 | 32N | 20E | 2 | PWR | | 124 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72500 | 2091 | | 4/6/05 | WDR | STR | SW | SE | 9 | 33N | 22E | 0.3665 | PWR | | 146.6 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72501 | 67048 | | 4/6/05 | WDR | STR | SW | SE | 9 | 33N | 22E | 2.5 | PWR | | 400 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72502 | V09128 | | 4/6/05 | WDR | STR | NE | NW | 21 | 33N | 22E | 1.5 | PWR | | 228.6 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72503 | V09099 | | 4/6/05 | WDR | STR | NE | NW | 21 | 33N | 22E | 2.5 | PWR | | 400 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72504 | V09100 | | 4/6/05 | WDR | SPR | NE | NW | 21 | 33N | 22E | 1 | PWR | | 400 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72505 | V09098 | | 4/6/05 | WDR | SPR | SW | NW | 28 | 33N | 22E | 1 | PWR | | 400 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72506 | V09123 | | 4/6/05 | WDR | SPR | NE | NW | 21 | 33N | 22E | 0.35 | PWR | | 67.68 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72507 | 13943 | | 4/6/05 | WDR | STR | SE | SW | 21 | 33N | 22E | 0 | PWR | | 1788 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72508 | 67619 | | 4/6/05 | WDR | UG | SE | SW | 21 | 33N | 22E | 2 | PWR | | 1788 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72509 | 67620 | | 4/6/05 | WDR | UG | SE | SW | 21 | 33N | 22E | 2 | PWR | | 1788 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72510 | 67621 | | 4/6/05 | WDR | UG | SE | SW | 21 | 33N | 22E | 2 | PWR | | 1788 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72511 | 67622 | | 4/6/05 | WDR | UG | SE | SW | 21 | 33N | 22E | 2 | PWR | | 1788 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72512 | V01280 | | 4/6/05 | WDR | STR | SW | NW | 27 | 33N | 22E | 0 | PWR | | 268 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72513 | V01279 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 0 | PWR | | 452 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72514 | V09072 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72515 | V09073 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72516 | V09074 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.22 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72517 | V09075 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72518 | V09076 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.25 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72519 | V09077 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72520 | V09078 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72521 | V09079 | | 4/6/05 | WDR | UG | SW | NW | 27 | 33N | 22E | 0.272 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72522 | V09080 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 0.15 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72523 | V09081 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 0.162 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 72524 | V09082 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 0.125 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72525 | V09087 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72526 | V09088 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 0.2 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72527 | V09089 | | 4/6/05 | WDR | SPR | SW | NW | 27 | 33N | 22E | 1.07 | PWR | | 1370.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72528 | 7540 | | 4/6/05 | WDR | UG | NW | SE | 19 | 33N | 22E | 1.0557 | PWR | | 447 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72529 | V09069 | | 4/6/05 | WDR | UG | NW | SE | 19 | 33N | 22E | 0.138 | PWR | | 422.28 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72530 | V09070 | | 4/6/05 | WDR | UG | NW | SE | 19 | 33N | 22E | 0.25 | PWR | | 422.28 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72531 | 70356 | | 4/6/05 | WDR | UG | NW | SE | 19 | 33N | 22E | 3.6922 | PWR | | 868.8 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72532 | 70355 | | 4/6/05 | WDR | UG | NW | SE | 19 | 33N | 22E | 0.3078 | PWR | | 72.44 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72533 | 64968 | | 4/6/05 | WDR | STR | NW | NE | 24 | 32N | 17E | 57 | PWR | | 5687.48 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72534 | 64969 | | 4/6/05 | WDR | STR | SE | SE | 7 | 31N | 18E | 22 | PWR | | 1600 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72535 | 65077 | | 4/6/05 | WDR | UG | NW | SW | 2 | 30N | 19E | 1.4 | PWR | | 1013.6 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72536 | 65078 | | 4/6/05 | WDR | UG | NW | NW | 11 | 30N | 19E | 1.5 | PWR | | 1085.96 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72537 | 65002 | | 4/6/05 | WDR | STR | NE | NW | 5 | 30N | 19E | 5.484 | PWR | | 1053 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72538 | 65002 | | 4/6/05 | WDR | STR | NE | NE | 5 | 30N | 19E | 6.506 | PWR | | 1249 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72539 | 65002 | | 4/6/05 | WDR | STR | SW | NE | 4 | 30N | 19E | 6.505 | PWR | | 1249 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72540 | 65002 | | 4/6/05 | WDR | STR | NW | SW | 3 | 30N | 19E | 6.505 | PWR | | 1249 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72541 | 65002 | | 4/6/05 | WDR | STR | NW | SW | 3 | 30N | 19E | 25 | PWR | | 4800 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72542 | 67623 | | 4/6/05 | WDR | UG | NW | NE | 10 | 30N | 19E | 3 | PWR | | 1600 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72543 | 67624 | | 4/6/05 | WDR | UG | SW | NE | 4 | 30N | 19E | 3 | PWR | | 1600 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72544 | 67625 | | 4/6/05 | WDR | UG | NE | NW | 5 | 30N | 19E | 3 | PWR | | 1600 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72545 | V09120 | | 4/6/05 | WDR | SPR | NW | SW | 15 | 30N | 19E | 0.22 | PWR | | 190.68 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72546 | V09121 | | 4/6/05 | WDR | STR | NW | NE | 10 | 30N | 19E | 1 | PWR | | 190.68 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72547 | V09066 | | 4/6/05 | WDR | SPR | NW | SW | 15 | 30N | 19E | 0.2 | PWR | | 84.46 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72548 | V09083 | | 4/6/05 | WDR | SPR | NE | NE | 5 | 30N | 19E | 0.1 | PWR | | 72.39 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72549 | V09084 | | 4/6/05 | WDR | SPR | NE | NE | 5 | 30N | 19E | 0.1 | PWR | | 72.39 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72550 | V09063 | | 4/6/05 | WDR | STR | NE | NW | 5 | 30N | 19E | 0.31 | PWR | | 26.95 | AFA | GRANITE FOX POWER, LLC |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 72551 | V09063 | | 4/6/05 | WDR | STR | NW | NE | 10 | 30N | 19E | 14.356 | PWR | | 1249 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72552 | V09063 | | 4/6/05 | WDR | STR | NW | SW | 2 | 30N | 19E | 14.356 | PWR | | 1249 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72553 | V09064 | | 4/6/05 | WDR | STR | NW | NW | 11 | 30N | 19E | 25 | PWR | | 2044.04 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72554 | V02524 | | 4/6/05 | WDR | UG | NW | SW | 15 | 30N | 19E | 2 | PWR | | 766.4 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72555 | V02674 | | 4/6/05 | WDR | UG | SW | NE | 4 | 30N | 19E | 2.5 | PWR | | 41.2 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72556 | V02676 | | 4/6/05 | WDR | UG | NW | SE | 4 | 30N | 19E | 2.5 | PWR | | 622 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72557 | 52136 | | 4/6/05 | WDR | UG | SW | SE | 10 | 30N | 19E | 3 | PWR | | 1600 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72558 | 52138 | | 4/6/05 | WDR | UG | NW | NW | 11 | 30N | 19E | 3 | PWR | | 524.32 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72559 | 2386 | | 4/6/05 | WDR | STR | NE | NW | 5 | 30N | 19E | 1.03 | PWR | | 283.974 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72726 | V02673 | | 5/11/05 | WDR | SPR | SW | NE | 4 | 30N | 19E | 2.5 | PWR | | 41.2 | AFA | GRANITE FOX POWER, LLC |
| 21 | 72727 | V02675 | | 5/11/05 | WDR | SPR | SW | NE | 4 | 30N | 19E | 2.5 | PWR | | 662 | AFA | GRANITE FOX POWER, LLC |
| 21 | 7314 | | 4653 | 2/23/25 | CER | UG | SE | NW | 14 | 30N | 19E | 0.4 | IRR | | 80.64 | AFS | GIBBONS, LEONARD A. |
| 21 | 7315 | | 4654 | 2/23/25 | CER | UG | SE | NE | 11 | 30N | 19E | 0.25 | IRR | | 53.56 | AFS | GIBBONS, LEONARD A. |
| 21 | 73308 | | | 10/3/05 | DEN | UG | NE | SW | 27 | 28N | 20E | 5 | QM | | 1900 | AFA | REGIONAL UTILITIES |
| 21 | 73309 | | | 10/3/05 | DEN | UG | SW | NE | 28 | 28N | 20E | 5 | QM | | 1900 | AFA | REGIONAL UTILITIES |
| 21 | 73378 | | | 10/21/05 | RFP | STR | NE | SE | 10 | 30N | 19E | 25 | MUN | | 6000 | AFA | B & A AQUA, LLC |
| 21 | 7352 | | | 5/1/25 | DEN | SPR | SW | SE | 13 | 35N | 21E | 0 | STK | | 0 | AFS | GERLACH AND WALTZ |
| 21 | 7358 | | 1462 | 5/6/25 | CER | SPR | | LT05 | 19 | 33N | 20E | 0.0093 | STK | | 6.72 | AFA | JOHN M. ESPIL SHEEP CO. |
| 21 | 7359 | | 1543 | 5/6/25 | CER | STR | NE | NE | 8 | 33N | 19E | 0.0124 | STK | | 8.96 | AFA | JOHN M. ESPIL SHEEP CO. |
| 21 | 7360 | | 1465 | 5/6/25 | CER | STR | SW | SW | 20 | 33N | 20E | 0.0031 | STK | | 2.24 | AFA | JOHN M. ESPIL SHEEP CO. |
| 21 | 7361 | | 1464 | 5/6/25 | CER | SPR | SW | NW | 9 | 33N | 20E | 0.0062 | STK | | 4.48 | AFA | JOHN M. ESPIL SHEEP CO. |
| 21 | 7362 | | 1463 | 5/6/25 | CER | SPR | NE | SE | 31 | 34N | 20E | 0.0093 | STK | | 6.72 | AFA | JOHN M. ESPIL SHEEP CO. |
| 21 | 73938 | | | 3/2/06 | RFP | SPR | NW | SE | 14 | 34N | 22E | 0.25 | IRR | | 0 | AFA | B & A AQUA, LLC |
| 21 | 73939 | | | 3/2/06 | RFP | SPR | NW | SE | 14 | 34N | 22E | 0.25 | IRR | | 0 | AFA | B & A AQUA, LLC |
| 21 | 73940 | | | 3/2/06 | RFP | SPR | NW | SE | 14 | 34N | 22E | 0.25 | IRR | | 0 | AFA | B & A AQUA, LLC |
| 21 | 74209 | | | 4/17/06 | RFA | SPR | SE | SW | 35 | 34N | 22E | 0.5 | QM | | 0 | AFA | GERLACH GENERAL IMPROVEMENT DIST |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 74210 | | | 4/17/06 | RFA | SPR | SW | NE | 13 | 33N | 22E | 0.5 | QM | | 0 | AFA | GERLACH GENERAL IMPROVEMENT DIST |
| 21 | 74336 | | | 5/25/06 | RFP | UG | SW | NW | 15 | 30N | 19E | 4 | IRR | | 0 | AFA | BRIGHT HOLLAND CORPORATION |
| 21 | 74337 | | | 5/25/06 | RFP | UG | NE | NE | 12 | 28N | 19E | 4 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 74338 | | | 5/25/06 | RFP | UG | SE | NW | 8 | 30N | 19E | 2 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 74339 | | | 5/25/06 | RFP | UG | SE | NE | 27 | 29N | 19E | 2 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 74340 | | | 5/25/06 | RFP | UG | NE | NW | 13 | 28N | 19E | 2 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 74341 | | | 5/25/06 | RFP | UG | NE | SE | 3 | 29N | 19E | 1 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 74576 | 52136 | | 7/31/06 | PER | UG | SE | NW | 10 | 29N | 19E | 3 | IRR | Y | 1600 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 74576 | CHANGED BY: | 77969 | | RFP | UG | | | | | | | | Y | | | |
| 21 | 75042 | | | 11/9/06 | RFP | STR | SW | SW | 5 | 31N | 18E | 3000 | STO | | 18000 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 7540 | | 2301 | 10/6/25 | CER | UG | NW | SW | 20 | 33N | 22E | 1.056 | IRR | | 447 | AFS | PARKER, SAMUEL F. |
| 21 | 7540 | CHANGED BY: | 72528 | | WDR | UG | | | | | | | | | | | |
| 21 | 75403 | 65077 | | 3/1/07 | PER | UG | NE | NW | 8 | 31N | 18E | 1.4 | IRR | | 1013.6 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | 76213 | | | 8/30/07 | RFP | STR | NE | NW | 19 | 34N | 22E | 10 | STO | | 3500 | AFA | BRIGHT HOLLAND CORPORATION |
| 21 | 76214 | | | 8/30/07 | RFP | STR | NE | NW | 16 | 33N | 22E | 10 | STO | | 1500 | AFA | BRIGHT HOLLAND CORPORATION |
| 21 | 76384 | 70356 | | 10/12/07 | RFA | UG | NE | NW | 21 | 33N | 22E | 3.6922 | IRR | | 868.8 | AFA | BRUNO SELMI |
| 21 | 76385 | 70355 | | 10/12/07 | RFA | UG | NE | NW | 21 | 33N | 22E | 0.3078 | IRR | | 72.44 | AFA | BRUNO SELMI |
| 21 | 7647 | | 1482 | 2/25/26 | CER | SPR | SW | SW | 20 | 33N | 21E | 0.005 | STK | | 3.37579 | AFA | PARKER, W.D. |
| 21 | 77092T | 13943 | | 5/30/08 | RFA | STR | NE | NE | 30 | 34N | 22E | 0 | IRR | | 60 | AFA | BRIGHT HOLLAND CORPORATION |
| 21 | 77393 | | | 9/16/08 | RFA | SPR | NW | SE | 26 | 35N | 18E | 0 | STK | | 0 | AFA | ESTILL RANCHES LLC |
| 21 | 77634 | 52137 | | 11/21/08 | RFP | UG | NW | SW | 2 | 30N | 19E | 3 | MUN | | 1600 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | 77635 | 52138 | | 11/21/08 | RFP | UG | NW | SW | 2 | 30N | 19E | 3 | MUN | | 524.32 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | 77636 | 67402 | | 11/21/08 | RFP | UG | NE | NE | 10 | 30N | 19E | 1.5 | MUN | | 479.6 | AFA | MICHAEL & GERALDEAN CHRISTOPHER |
| 21 | 77782 | 51640 | | 1/12/09 | RFA | UG | SW | SW | 26 | 33N | 22E | 0.1 | IRR | | 72.4 | AFA | JOHN AND MARY BOGARD |
| 21 | 77969 | 74576 | | 2/2/09 | RFP | UG | NW | SW | 2 | 30N | 19E | 3 | MUN | | 1600 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | 78054 | 51639 | | 2/18/09 | RFA | UG | SW | SW | 26 | 33N | 22E | 0.04 | IRR | | 28.2 | AFA | JOHN & MARY BOGARD |
| 21 | 7963 | | | 1/8/27 | CAN | STR | | LT03 | 4 | 29N | 19E | 3 | IRR | | 500 | AFA | ELDER, JOHN T. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 8001 | | | 2/8/27 | CAN | UG | SE | NW | 15 | 30N | 19E | 3 | IRR | | 1200 | AFA | WIER, R.B. |
| 21 | 8149 | | | 6/4/27 | CAN | SPR | NE | NE | 6 | 32N | 19E | 0.062 | STK | | | | CHRISTENSEN, J.H. |
| 21 | 8150 | | | 6/4/27 | CAN | SPR | SW | SW | 30 | 33N | 19E | 0 | STK | | 0 | AFA | CHRISTENSEN, J.H. |
| 21 | 8208 | | | 6/12/27 | CAN | STR | NW | NW | 2 | 32N | 19E | 0.016 | STK | | 11.201485 | AFA | CHRISTENSEN, J.H. |
| 21 | 8209 | | | 6/12/27 | CAN | SPR | NE | SW | 20 | 34N | 19E | 0 | STK | | 0 | AFA | CHRISTENSEN, J.H. |
| 21 | 8218 | | | 7/7/27 | DEN | SPR | NW | NW | 1 | 32N | 18E | 0.012 | STK | | 8.961188 | AFA | DUQUE, JEAN P. |
| 21 | 8353 | | | 10/21/27 | DEN | SPR | SW | NE | 11 | 29N | 21E | 0.05 | STK | | | | MOCHO BROTHERS |
| 21 | 8363 | | | 10/26/27 | CAN | SPR | NE | NE | 22 | 34N | 19E | 0.013 | STK | | 6.383312 | AFS | CLARK'S VALLEY LAND AND SHEEP CO. |
| 21 | 8365 | | | 10/26/27 | CAN | SPR | NE | SE | 28 | 33N | 20E | 0.013 | STK | | 8.991877 | AFA | CLARK'S VALLEY LAND & SHEEP CO. |
| 21 | 8366 | | | 10/26/27 | CAN | SPR | SW | SE | 2 | 33N | 18E | 0.013 | STK | | | | CLARK'S VALLEY LAND & SHEEP CO., INC |
| 21 | 8367 | | | 10/26/27 | CAN | STR | SE | NW | 25 | 34N | 18E | 0.013 | STK | | | | CLARK'S VALLEY LAND AND SHEEP CO. |
| 21 | 8368 | | | 10/26/27 | CAN | SPR | SE | SW | 24 | 34N | 19E | 0.006 | STK | | | | CLARK'S VALLEY LAND AND SHEEP CO. |
| 21 | 8369 | | | 10/26/27 | CAN | SPR | SE | NE | 10 | 34N | 19E | 0.013 | STK | | | | CLARK'S VALLEY LAND AND SHEEP CO. |
| 21 | 8370 | | | 10/26/27 | CAN | SPR | SE | NW | 6 | 32N | 19E | 0.013 | STK | | 8.961188 | AFS | CLARK'S VALLEY LAND & SHEEP CO. |
| 21 | 8371 | | | 10/26/27 | CAN | SPR | SW | SE | 25 | 33N | 19E | 0 | STK | | 0 | AFS | CLARK'S VALLEY LAND AND SHEEP CO. |
| 21 | 8372 | | | 10/26/27 | CAN | STR | NE | SE | 11 | 32N | 19E | 0.013 | STK | | 8.961188 | AFS | CLARK'S VALLEY LAND AND SHEEP CO. |
| 21 | 8373 | | 1962 | 10/26/27 | CER | SPR | SW | NW | 2 | 32N | 18E | 0.013 | STK | | 8.961188 | AFS | DUQUE, J.P. |
| 21 | 8413 | | | 12/29/27 | DEN | SPR | SW | SW | 23 | 33N | 18E | 0 | STK | | | | CLARK'S VALLEY LAND & SHEEP CO, INC. |
| 21 | 8446 | | | 2/9/28 | WDR | SPR | | LT04 | 5 | 32N | 21E | 0 | STK | | | | PARKER, W.D. |
| 21 | 8447 | | | 2/9/28 | WDR | SPR | SW | NW | 4 | 33N | 21E | 0.025 | STK | | | | PARKER, W.D. |
| 21 | 8448 | | | 2/9/28 | WDR | SPR | SW | NW | 33 | 33N | 21E | 0.025 | STK | | 0 | AFA | PARKER, W.D. |
| 21 | 8449 | | | 2/9/28 | WDR | SPR | SW | NE | 11 | 32N | 20E | 0.4 | STK | | | | HELLER, A. V. |
| 21 | 8450 | | | 2/9/28 | DEN | SPR | SE | NW | 28 | 34N | 20E | 0.025 | STK | | | | HELLER, A.V. |
| 21 | 8451 | | | 2/9/28 | WDR | SPR | SW | SE | 25 | 33N | 20E | 0.025 | STK | | 8.961188 | AFA | HELLER, A.V. |
| 21 | 8699 | | | 9/17/28 | CAN | UG | | LT02 | 4 | 31N | 20E | 1.2 | IRR | | | | SMITH, FRANCES M. |
| 21 | 8714 | | | 10/6/28 | WDR | SPR | SW | SW | 35 | 34N | 22E | 0.5 | IRR | | | | WESTERN PACIFIC RAILROAD CO. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 9105 | | | 10/28/29 | CAN | SPR | | | 23 | 31N | 21E | 0.25 | STK | | 0 | AFA | CLARKS VALLEY LAND & SHEEP CO. |
| 21 | 9110 | | | 11/1/29 | DEN | SPR | NE | NW | 11 | 33N | 20E | 0.25 | STK | | | | GERLACH AND WALTZ |
| 21 | 9111 | | | 11/1/29 | DEN | SPR | SE | SW | 11 | 33N | 20E | 0.25 | STK | | | | GERLACH AND WALTZ |
| 21 | 9112 | | | 11/1/29 | DEN | SPR | NE | NE | 1 | 33N | 20E | 0.15 | STK | | | | GERLACH AND WATLZ |
| 21 | 9113 | | | 11/1/29 | DEN | SPR | SE | NW | 28 | 34N | 20E | 0.1 | STK | | | | GERLACH AND WALTZ |
| 21 | 9114 | | | 11/1/29 | DEN | SPR | SW | NE | 25 | 33N | 20E | 0.25 | STK | | | | GERLACH AND WALTZ |
| 21 | 9115 | | | 11/1/29 | DEN | SPR | SE | NE | 30 | 33N | 20E | 0.1 | STK | | | | GERLACH AND WALTZ |
| 21 | 9116 | | | 11/1/29 | DEN | SPR | NW | SE | 27 | 34N | 20E | 0.1 | STK | | | | GERLACH AND WALTZ |
| 21 | 9117 | | | 11/1/29 | DEN | OSW | SW | SW | 24 | 34N | 20E | 0.005 | STK | | | | GERLACH AND WALTZ |
| 21 | 9118 | | | 11/1/29 | DEN | SPR | SW | NW | 9 | 33N | 20E | 0.1 | STK | | | | GERLACH AND WALTZ |
| 21 | 9119 | | | 11/1/29 | DEN | SPR | NE | SW | 3 | 33N | 20E | 0.1 | STK | | | | GERLACH AND WALTZ |
| 21 | 9151 | | 2366 | 11/15/29 | CER | SPR | SE | SW | 35 | 34N | 22E | 0.2 | OTH | | 144.85208 | AFA | GERLACH IMPROVEMENT ASSOCIATION |
| 21 | 9281 | | | 6/27/30 | DEN | SPR | NE | SW | 33 | 33N | 20E | 0.05 | STK | | | | HELLER, A.V. |
| 21 | 9282 | | | 6/27/30 | DEN | SPR | SW | SE | 30 | 33N | 20E | 0.05 | STK | | | | HELLER, A.V. |
| 21 | 9283 | | | 6/27/30 | WDR | SPR | SW | SW | 23 | 33N | 21E | 0.05 | STK | | | | PARKER, W. D. |
| 21 | 9284 | | | 6/27/30 | WDR | SPR | SE | SE | 1 | 32N | 20E | 0.05 | STK | | | | PARKER, W. D. |
| 21 | 958 | | | 5/12/08 | CAN | STR | SE | NE | 25 | 32N | 19E | 4 | IRR | | 0 | AFA | BURNS, FRANK |
| 21 | 9759 | | | 6/23/34 | CAN | SPR | SW | NW | 24 | 31N | 18E | 0.25 | STK | | | | JENKINS, REES T. |
| 21 | 9903 | | | 10/5/35 | CAN | UG | NE | NW | 14 | 30N | 19E | 2 | IRD | | 640 | AFA | ELSER, GEORGE F. |
| 21 | R05418 | | | 9/18/91 | RES | SPR | SW | NE | 26 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05419 | | | 9/18/91 | RES | SPR | NW | NW | 12 | 33N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05421 | | | 9/18/91 | RES | SPR | SE | NW | 28 | 34N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05423 | | | 9/18/91 | RES | SPR | NW | NE | 29 | 34N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05424 | | | 9/18/91 | RES | SPR | SE | SW | 5 | 34N | 21E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05426 | | | 9/18/91 | RES | SPR | NE | SW | 28 | 35N | 21E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05427 | | | 9/18/91 | RES | SPR | SW | NW | 8 | 30N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05467 | | | 10/3/91 | RES | SPR | NE | SE | 4 | 32N | 21E | 0.031 | OTH | | 22.433659 | AFA | BLM |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | R05468 | | | 10/3/91 | RES | SPR | NW | NW | 24 | 33N | 21E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05469 | | | 10/3/91 | RES | SPR | NW | NW | 4 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05472 | | | 10/3/91 | RES | SPR | NW | SE | 26 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05473 | | | 10/3/91 | RES | SPR | SE | NE | 19 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05476 | | | 10/3/91 | RES | SPR | NE | SW | 25 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05477 | | | 10/3/91 | RES | SPR | SW | NW | 15 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05478 | | | 10/3/91 | RES | SPR | NE | SW | 33 | 35N | 21E | 0.023 | OTH | | 16.664127 | AFA | BLM |
| 21 | R05479 | | | 10/3/91 | RES | SPR | SE | SW | 33 | 35N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05480 | | | 10/3/91 | RES | SPR | NW | NW | 10 | 34N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05483 | | | 10/3/91 | RES | SPR | SW | NE | 13 | 35N | 21E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05485 | | | 10/3/91 | RES | SPR | NW | SW | 17 | 34N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05488 | | | 10/3/91 | RES | SPR | SW | SW | 17 | 34N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05489 | | | 10/3/91 | RES | SPR | SW | SW | 18 | 35N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05491 | | | 10/3/91 | RES | SPR | NE | SE | 31 | 33N | 21E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05494 | | | 10/3/91 | RES | SPR | NW | NW | 16 | 34N | 20E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05495 | | | 10/3/91 | RES | SPR | NE | SE | 14 | 34N | 22E | 0.031 | OTH | | 22.433659 | AFA | BLM |
| 21 | R05784 | | | 9/9/92 | RES | SPR | SE | SE | 32 | 30N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | R05785 | | | 9/9/92 | RES | SPR | NE | NE | 35 | 31N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | R05786 | | | 9/9/92 | RES | SPR | SE | SE | 25 | 31N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | R05787 | | | 9/9/92 | RES | SPR | NE | NW | 18 | 31N | 22E | 0.033 | OTH | | 25.441181 | AFA | BLM |
| 21 | R05788 | | | 9/9/92 | RES | SPR | NW | NW | 35 | 30N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | R05789 | | | 9/9/92 | RES | SPR | SW | SW | 34 | 30N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | R05790 | | | 9/9/92 | RES | SPR | SE | SE | 33 | 30N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | R05791 | | | 9/9/92 | RES | SPR | NE | NE | 26 | 30N | 21E | 0.033 | OTH | | 23.89 | AFA | BLM |
| 21 | V01279 | | | 11/3/13 | VST | SPR | SE | NW | 27 | 33N | 22E | 0.624 | IRR | | 452 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V01279 | CHANGED BY: | 72513 | | WDR | SPR | | | | | | | | | | | |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V01280 | | | 1/31/14 | VST | STR | NE | NE | 30 | 34N | 22E | 0.37 | IRR | | 268 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V01280 | CHANGED BY: | 69068 | | RFA | STR | | | | | | | | | | | |
| 21 | V01280 | CHANGED BY: | 72512 | | WDR | STR | | | | | | | | | | | |
| 21 | V01281 | | | 1/31/14 | VST | SPR | NE | SW | 33 | 34N | 22E | 0 | IRR | | 0 | | COURTNEY, CECIL R, & LENA S. |
| 21 | V01328 | | | 9/8/14 | VST | STR | NE | NE | 8 | 33N | 19E | 0 | IRR | | 26.8 | AFS | JOHN ESPIL SHEEP CO., INC. |
| 21 | V02141 | | | 10/8/27 | VST | SPR | SE | NW | 2 | 34N | 18E | 0.018 | STK | | 12.920069 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | V02142 | | | 11/8/27 | VST | SPR | NW | SE | 26 | 35N | 18E | 0.022 | STK | | 12.981447 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V02143 | | | 11/8/27 | VST | SPR | NE | NE | 3 | 33N | 18E | 0.022 | STK | | 12.88938 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V02146 | | | 11/8/27 | VST | SPR | SW | SE | 27 | 33N | 18E | 0.022 | STK | | 12.88938 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V02524 | | | 7/28/63 | VST | UG | SE | SW | 11 | 30N | 19E | 0 | IRR | | 1280 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V02524 | CHANGED BY: | 72554 | | WDR | UG | | | | | | | | | | | |
| 21 | V02670 | | | 4/9/70 | VST | UG | SE | SW | 13 | 28N | 19E | 0.043 | STK | | 15.682079 | AFA | BONHAM BROS. |
| 21 | V02671 | | | 4/9/70 | VST | SPR | NW | NE | 2 | 28N | 19E | 0.0219 | STK | | 15.84 | AFA | BONHAM BROS. |
| 21 | V02672 | | | 4/9/70 | VST | SPR | NE | NE | 2 | 28N | 19E | 0.0219 | STK | | 15.84 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V02673 | | | 4/9/70 | VST | SPR | NW | SW | 11 | 29N | 19E | 2.5 | IRR | | 41.2 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | V02673 | CHANGED BY: | 72726 | | WDR | SPR | | | | | | | | | | | |
| 21 | V02674 | | | 4/9/70 | VST | UG | NW | SW | 11 | 29N | 19E | 2.5 | IRR | | 41.2 | AFS | JACKRABBIT PROPERTIES LLC |
| 21 | V02674 | CHANGED BY: | 72555 | | WDR | UG | | | | | | | | | | | |
| 21 | V02675 | | | 4/9/70 | VST | SPR | NW | NE | 12 | 28N | 19E | 1.714 | IRR | | 622 | AFS | JACKRABBIT PROPERTIES LLC |
| 21 | V02675 | CHANGED BY: | 72727 | | WDR | SPR | | | | | | | | | | | |
| 21 | V02676 | | | 4/9/70 | VST | UG | | LT08 | 12 | 28N | 19E | 2.5 | IRR | Y | 622 | AFS | JACKRABBIT PROPERTIES, LLC |
| 21 | V02676 | CHANGED BY: | 72556 | | WDR | UG | | | | | | | | Y | | | |
| 21 | V03048 | | | 9/13/78 | VST | STR | | E2 | 2 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH R. |
| 21 | V03049 | | | 9/13/78 | VST | STR | | | 2 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH R. |
| 21 | V03050 | | | 9/13/78 | VST | STR | | | 10 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH A. |
| 21 | V03051 | | | 9/13/78 | VST | STR | | NW | 14 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH A. |
| 21 | V03052 | | | 9/13/78 | VST | STR | SE | SE | 23 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH A. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V03053 | | | 9/13/78 | VST | SPR | NE | NE | 24 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH A. |
| 21 | V03054 | | | 9/13/78 | VST | STR | | | 26 | 30N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH A. |
| 21 | V03066 | | | 9/13/78 | VST | SPR | | | 3 | 31N | 21E | 0.034 | STK | | 24.62 | AFA | CERESOLA, JUDITH R. |
| 21 | V03067 | | | 9/13/78 | VST | SPR | | | 34 | 31N | 21E | 0.034 | STK | | 24.612578 | AFA | CERESOLA, JUDITH R. |
| 21 | V04583 | | | 2/3/87 | VST | SPR | SE | NE | 24 | 30N | 21E | 0.003 | STK | | 2.178919 | AFA | HANNEMAN, KRISTABEL |
| 21 | V04584 | | | 2/3/87 | VST | SPR | NE | NW | 13 | 30N | 21E | 0.003 | STK | | 2.178919 | AFA | HANNEMAN, KRISTABEL |
| 21 | V04592 | | | 5/26/87 | VST | SPR | NW | SE | 19 | 34N | 22E | 0.276 | IRR | | 200 | AFS | FISK, CLYDE W. |
| 21 | V04593 | | | 5/26/87 | VST | OSW | SE | NW | 19 | 34N | 22E | 0.028 | IRR | | 20 | AFS | FISK, CLYDE W. |
| 21 | V04627 | | | 12/21/87 | VST | UG | SW | SW | 26 | 33N | 22E | 0.003 | STK | | 2.363053 | AFA | BOGARD, JOHN |
| 21 | V04663 | | | 5/26/88 | VST | UG | NW | NW | 1 | 28N | 19E | 0.003 | STK | | 2.240297 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V04664 | | | 5/26/88 | VST | UG | SE | NE | 27 | 29N | 19E | 0.003 | STK | | 2.240297 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V04665 | | | 5/26/88 | VST | UG | NW | NE | 12 | 28N | 19E | 3 | IRR | Y | 622 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V04666 | | | 5/26/88 | WDR | UG | NW | NE | 12 | 28N | 19E | 3 | IRR | | | | TORVIK, JOHN |
| 21 | V05106 | | | 5/29/90 | VST | SPR | SW | SE | 7 | 32N | 18E | 0.2 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05108 | | | 5/29/90 | VST | SPR | SE | NW | 12 | 29N | 18E | 0.1 | STK | | 19.702338 | AFA | ESPIL SHEEP CO. |
| 21 | V05110 | | | 5/29/90 | VST | SPR | SE | SE | 6 | 29N | 19E | 0.1 | STK | | 21.298166 | AFA | ESPIL SHEEP CO. |
| 21 | V05111 | | | 5/29/90 | VST | SPR | NE | NE | 3 | 29N | 18E | 0.07 | STK | | 26.883564 | AFA | ESPIL SHEEP CO. |
| 21 | V05112 | | | 5/29/90 | VST | SPR | SW | SE | 10 | 30N | 19E | 0.15 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05113 | | | 5/29/90 | VST | SPR | SW | NW | 24 | 31N | 18E | 0.25 | STK | | 26.883564 | AFA | ESPIL SHEEP CO. |
| 21 | V05114 | | | 5/29/90 | VST | UG | NE | SE | 15 | 30N | 19E | 0.2 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05116 | | | 5/29/90 | VST | SPR | NW | SE | 36 | 30N | 18E | 0.1 | STK | | 15.221744 | AFA | ESPIL SHEEP CO. |
| 21 | V05118 | | | 5/29/90 | VST | SPR | NE | SW | 26 | 32N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05119 | | | 5/29/90 | VST | STR | SW | SE | 31 | 31N | 19E | 0.75 | STK | | 33.604455 | AFA | ESPIL SHEEP CO. |
| 21 | V05120 | | | 5/29/90 | VST | SPR | NE | NE | 27 | 32N | 18E | 0.3 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05121 | | | 5/29/90 | VST | SPR | NW | SW | 15 | 30N | 19E | 0.15 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05122 | | | 5/29/90 | VST | SPR | NW | NE | 23 | 30N | 18E | 0.1 | STK | | 23.538463 | AFA | ESPIL SHEEP CO. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V05123 | | | 5/29/90 | VST | SPR | NW | NW | 6 | 30N | 20E | 0.1 | STK | | 8.071207 | AFA | ESPIL SHEEP CO. |
| 21 | V05127 | | | 5/31/90 | VST | SPR | SW | SE | 34 | 32N | 18E | 0.07 | STK | | 26.423229 | AFA | ESPIL SHEEP CO. |
| 21 | V05128 | | | 5/31/90 | VST | STR | SE | NW | 3 | 32N | 18E | 0.7 | STK | | 44.80594 | AFA | ESPIL SHEEP CO. |
| 21 | V05129 | | | 5/31/90 | VST | SPR | NE | NE | 34 | 32N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05130 | | | 5/31/90 | VST | SPR | SW | SE | 7 | 32N | 19E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05131 | | | 5/31/90 | VST | SPR | SW | SW | 33 | 33N | 18E | 0.15 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05132 | | | 5/31/90 | VST | SPR | NW | NE | 31 | 32N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05133 | | | 5/31/90 | VST | SPR | SE | NE | 33 | 32N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05134 | | | 5/31/90 | VST | SPR | NW | NE | 17 | 31N | 19E | 0.1 | STK | | 28.663526 | AFA | ESPIL SHEEP CO. |
| 21 | V05135 | | | 5/31/90 | VST | SPR | SE | NW | 33 | 31N | 18E | 0.15 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05136 | | | 5/31/90 | VST | SPR | NE | SE | 32 | 31N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05137 | | | 5/31/90 | VST | SPR | SW | SE | 13 | 33N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05138 | | | 5/31/90 | VST | SPR | NW | SW | 25 | 33N | 18E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05139 | | | 5/31/90 | VST | SPR | NW | NW | 19 | 33N | 19E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05141 | | | 5/31/90 | VST | SPR | NW | SE | 23 | 33N | 18E | 0.04 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05143 | | | 5/31/90 | VST | SPR | SE | SE | 36 | 33N | 18E | 0.04 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05144 | | | 5/31/90 | VST | SPR | SE | SE | 19 | 32N | 19E | 0.1 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05145 | | | 5/31/90 | VST | SPR | NE | SW | 33 | 33N | 20E | 0.1 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05146 | | | 5/31/90 | VST | SPR | NE | NE | 24 | 31N | 19E | 0.25 | STK | | 35.844752 | AFA | ESPIL SHEEP CO. |
| 21 | V05147 | | | 5/31/90 | VST | STR | NE | NW | 31 | 31N | 18E | 1 | STK | | 49.286534 | AFA | ESPIL SHEEP CO. |
| 21 | V05149 | | | 5/31/90 | VST | SPR | NE | NE | 22 | 34N | 19E | 0.02 | STK | | 26.883564 | AFA | ESPIL SHEEP CO. |
| 21 | V05150 | | | 7/12/90 | VST | SPR | SE | SE | 12 | 34N | 19E | 0.02 | STK | | 14.485208 | AFA | ESPIL SHEEP CO. |
| 21 | V05151 | | | 7/12/90 | VST | SPR | SE | SW | 4 | 33N | 19E | 0.02 | STK | | 28.663526 | AFA | ESPIL SHEEP CO. |
| 21 | V05152 | | | 7/12/90 | VST | SPR | NW | NE | 12 | 33N | 18E | 0.015 | STK | | 28.663526 | AFA | ESPIL SHEEP CO. |
| 21 | V05155 | | | 7/12/90 | VST | SPR | NW | NW | 29 | 34N | 19E | 0.025 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05156 | | | 7/12/90 | VST | SPR | NW | SW | 7 | 34N | 19E | 0.015 | STK | | 26.883564 | AFA | ESPIL SHEEP CO. |
| 21 | V05157 | | | 7/12/90 | VST | STR | NE | NE | 20 | 32N | 19E | 0.025 | STK | | 38.085049 | AFA | ESPIL SHEEP CO. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V05158 | | | 7/12/90 | VST | SPR | NE | SE | 17 | 33N | 19E | 0.015 | STK | | 25.748071 | AFA | ESPIL SHEEP CO. |
| 21 | V05159 | | | 7/12/90 | VST | SPR | SE | SW | 34 | 34N | 19E | 0.02 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05160 | | | 7/12/90 | VST | SPR | NW | SE | 20 | 34N | 19E | 0.025 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05161 | | | 7/12/90 | VST | SPR | NW | NE | 15 | 30N | 18E | 0.025 | STK | | 24.643267 | AFA | ESPIL SHEEP CO. |
| 21 | V05162 | | | 5/31/90 | VST | SPR | NE | SW | 10 | 30N | 18E | 0.025 | STK | | 24.643267 | AFA | ESPIL SHEEP CO. |
| 21 | V05163 | | | 7/12/90 | VST | SPR | SE | SW | 11 | 30N | 18E | 0.025 | STK | | 24.643267 | AFA | ESPIL SHEEP CO. |
| 21 | V05164 | | | 7/12/90 | VST | SPR | N2 | NW | 22 | 33N | 19E | 0.2 | STK | | 47.046237 | AFA | ESPIL SHEEP CO. |
| 21 | V05165 | | | 7/12/90 | VST | SPR | SW | SE | 30 | 33N | 20E | 0.015 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05166 | | | 7/12/90 | VST | SPR | NE | NE | 6 | 32N | 19E | 0.02 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05167 | | | 7/12/90 | VST | SPR | NE | NW | 15 | 33N | 19E | 0.015 | STK | | 23.292951 | AFA | ESPIL SHEEP CO. |
| 21 | V05168 | | | 7/12/90 | VST | SPR | N2 | SE | 6 | 32N | 19E | 0.05 | STK | | 35.844752 | AFA | ESPIL SHEEP CO. |
| 21 | V05169 | | | 7/12/90 | VST | SPR | SW | SW | 23 | 33N | 18E | 0.02 | STK | | 28.663526 | AFA | ESPIL SHEEP CO. |
| 21 | V05170 | | | 7/12/90 | VST | SPR | SE | NW | 6 | 32N | 19E | 0.02 | STK | | 29.123861 | AFA | ESPIL SHEEP CO. |
| 21 | V05171 | | | 7/12/90 | VST | STR | W2 | SE | 25 | 34N | 18E | 0.6 | STK | | 41.43015 | AFA | ESPIL SHEEP CO. |
| 21 | V05172 | | | 7/12/90 | VST | STR | E2 | SE | 13 | 34N | 19E | 0.5 | STK | | 48.18173 | AFA | ESPIL SHEEP CO. |
| 21 | V05173 | | | 7/12/90 | VST | STR | SW | SE | 29 | 34N | 19E | 0.5 | STK | | 42.565643 | AFA | ESPIL SHEEP CO. |
| 21 | V05174 | | | 7/12/90 | VST | SPR | NW | SW | 5 | 33N | 19E | 0.025 | STK | | 17.49273 | AFA | ESPIL SHEEP CO. |
| 21 | V05175 | | | 7/12/90 | VST | SPR | SW | SW | 24 | 34N | 19E | 0.015 | STK | | 25.77876 | AFA | ESPIL SHEEP CO. |
| 21 | V05176 | | | 7/12/90 | VST | SPR | SW | SE | 3 | 34N | 19E | 0.025 | STK | | 31.364158 | AFA | ESPIL SHEEP CO. |
| 21 | V05820 | | | 10/27/92 | VST | SPR | SE | SE | 5 | 32N | 18E | 0.03 | STK | | 8.439475 | AFA | ESPIL SHEEP COMPANY |
| 21 | V05872 | | | 2/9/93 | VST | UG | | LT02 | 26 | 29N | 19E | 0.02 | STK | | 4.695417 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V05873 | | | 2/9/93 | VST | UG | | LT03 | 26 | 29N | 19E | 0.02 | STK | | 4.695417 | AFA | JACKRABBIT PROPERTIES |
| 21 | V05874 | | | 2/9/93 | VST | SPR | | LT02 | 26 | 29N | 19E | 0.02 | STK | | 4.695417 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V05875 | | | 2/9/93 | VST | SPR | SE | SE | 22 | 29N | 19E | 0.02 | STK | | 4.695417 | AFA | JACKRABBIT PROPERTIES LLC |
| 21 | V07672 | | | 7/8/96 | VST | UG | SE | NW | 19 | 28N | 20E | 0.05 | STK | | 0.368268 | AFA | JOHN ESPIL SHEEP CO., INC. |
| 21 | V09063 | | | 3/18/99 | VST | STR | SW | SE | 24 | 32N | 17E | 0 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V09063 | CHANGED BY: | 72550 | | WDR | STR | | | | | | | | | | | |
| 21 | V09063 | CHANGED BY: | 72551 | | WDR | STR | | | | | | | | | | | |
| 21 | V09063 | CHANGED BY: | 72552 | | WDR | STR | | | | | | | | | | | |
| 21 | V09064 | | | 3/18/99 | VST | STR | SW | NE | 18 | 31N | 18E | 0 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09064 | CHANGED BY: | 72553 | | WDR | STR | | | | | | | | | | | |
| 21 | V09065 | | | 3/25/99 | VST | SPR | SW | SW | 5 | 31N | 18E | 0.09 | STK | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | V09066 | | | 3/25/99 | VST | SPR | NW | SW | 15 | 30N | 19E | 0.2 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09066 | CHANGED BY: | 72547 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09067 | | | 4/2/99 | VST | UG | SE | SW | 2 | 30N | 19E | 0.05 | STK | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09068 | | | 4/2/99 | VST | UG | NW | SW | 33 | 32N | 20E | 0.05 | STK | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09069 | | | 4/8/99 | VST | UG | SE | SW | 20 | 33N | 22E | 0.138 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09069 | CHANGED BY: | 72529 | | WDR | UG | | | | | | | | | | | |
| 21 | V09070 | | | 4/8/99 | VST | UG | NE | NW | 29 | 33N | 22E | 0.25 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09070 | CHANGED BY: | 72530 | | WDR | UG | | | | | | | | | | | |
| 21 | V09071 | | | 4/14/99 | VST | UG | NE | NW | 27 | 33N | 22E | 0.035 | STK | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09072 | | | 4/14/99 | VST | UG | SW | NW | 27 | 33N | 22E | 0.2 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09072 | CHANGED BY: | 72514 | | WDR | UG | | | | | | | | | | | |
| 21 | V09073 | | | 4/14/99 | VST | UG | SW | NW | 27 | 33N | 22E | 0.2 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09073 | CHANGED BY: | 72515 | | WDR | UG | | | | | | | | | | | |
| 21 | V09074 | | | 4/14/99 | VST | UG | NE | NW | 27 | 33N | 22E | 0.22 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09074 | CHANGED BY: | 72516 | | WDR | UG | | | | | | | | | | | |
| 21 | V09075 | | | 4/14/99 | VST | UG | SE | NW | 27 | 33N | 22E | 0.2 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09075 | CHANGED BY: | 72517 | | WDR | UG | | | | | | | | | | | |
| 21 | V09076 | | | 4/14/99 | VST | UG | NW | NW | 27 | 33N | 22E | 0.25 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09076 | CHANGED BY: | 72518 | | WDR | UG | | | | | | | | | | | |
| 21 | V09077 | | | 4/14/99 | VST | UG | NW | NW | 27 | 33N | 22E | 0.2 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09077 | CHANGED BY: | 72519 | | WDR | UG | | | | | | | | | | | |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V09078 | | | 4/14/99 | VST | UG | NW | NW | 27 | 33N | 22E | 0.2 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09078 | CHANGED BY: | 72520 | | WDR | UG | | | | | | | | | | | |
| 21 | V09079 | | | 4/14/99 | VST | UG | NE | SW | 27 | 33N | 22E | 0.272 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09079 | CHANGED BY: | 72521 | | WDR | UG | | | | | | | | | | | |
| 21 | V09080 | | | 4/14/99 | VST | SPR | NE | NW | 27 | 33N | 22E | 0.15 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09080 | CHANGED BY: | 72522 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09081 | | | 4/14/99 | VST | SPR | NW | NW | 27 | 33N | 22E | 0.162 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09081 | CHANGED BY: | 72523 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09082 | | | 4/14/99 | VST | SPR | NE | NW | 27 | 33N | 22E | 0.125 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09082 | CHANGED BY: | 72524 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09083 | | | 4/14/99 | VST | SPR | SE | SW | 24 | 32N | 17E | 0.1 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09083 | CHANGED BY: | 72548 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09084 | | | 4/14/99 | VST | SPR | NW | SW | 24 | 32N | 17E | 0.1 | IRR | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09084 | CHANGED BY: | 72549 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09085 | | | 4/14/99 | VST | UG | NW | NE | 11 | 30N | 19E | 0.09 | STK | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09086 | | | 4/14/99 | VST | UG | NW | NE | 11 | 30N | 19E | 0.09 | STK | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09087 | | | 5/4/99 | VST | SPR | NE | NW | 27 | 33N | 22E | 0.2 | IRR | | 144.79 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09087 | CHANGED BY: | 72525 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09088 | | | 5/4/99 | VST | SPR | NE | NW | 27 | 33N | 22E | 0.2 | IRR | | 144.79 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09088 | CHANGED BY: | 72526 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09089 | | | 5/4/99 | VST | SPR | NE | NW | 27 | 33N | 22E | 1.07 | IRR | | 774.65 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09089 | CHANGED BY: | 72527 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09090 | | | 5/4/99 | VST | UG | SW | NW | 33 | 32N | 20E | 0.7 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09090 | CHANGED BY: | 72493 | | WDR | UG | | | | | | | | | | | |
| 21 | V09091 | | | 5/25/99 | VST | UG | NE | SW | 4 | 31N | 20E | 0.15 | IRR | | 63.35 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09091 | CHANGED BY: | 72490 | | WDR | UG | | | | | | | | | | | |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V09092 | | | 5/25/99 | VST | UG | SW | NE | 4 | 31N | 20E | 0.15 | IRR | | 63.35 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09092 | CHANGED BY: | 72491 | | WDR | UG | | | | | | | | | | | |
| 21 | V09093 | | | 5/25/99 | VST | UG | NW | NE | 4 | 31N | 20E | 0.15 | IRR | | 63.35 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09093 | CHANGED BY: | 72492 | | WDR | UG | | | | | | | | | | | |
| 21 | V09098 | | | 6/9/99 | VST | SPR | | LT10 | 18 | 34N | 22E | 1 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09098 | CHANGED BY: | 72505 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09099 | | | 6/9/99 | VST | STR | NE | NE | 13 | 34N | 21E | 2.5 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09099 | CHANGED BY: | 72503 | | WDR | STR | | | | | | | | | | | |
| 21 | V09100 | | | 6/9/99 | VST | SPR | NE | NE | 13 | 34N | 21E | 1 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09100 | CHANGED BY: | 72504 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09120 | | | 7/29/99 | VST | SPR | SE | NW | 10 | 30N | 19E | 0.22 | IRR | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09120 | CHANGED BY: | 72545 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09121 | | | 7/29/99 | VST | STR | NE | NW | 10 | 30N | 19E | 1 | IRR | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09121 | CHANGED BY: | 72546 | | WDR | STR | | | | | | | | | | | |
| 21 | V09123 | | | 8/6/99 | VST | SPR | | LT03 | 18 | 34N | 22E | 0.35 | IRR | | 0 | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09123 | CHANGED BY: | 72506 | | WDR | SPR | | | | | | | | | | | |
| 21 | V09128 | | | 8/27/99 | VST | STR | SE | SE | 19 | 34N | 22E | 1.5 | IRR | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09128 | CHANGED BY: | 70650 | | RFA | STR | | | | | | | | | | | |
| 21 | V09128 | CHANGED BY: | 72502 | | WDR | STR | | | | | | | | | | | |
| 21 | V09136 | | | 10/12/99 | VST | SPR | NE | SE | 25 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09137 | | | 10/12/99 | VST | SPR | SE | SE | 25 | 34N | 22E | 0.045 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09138 | | | 10/12/99 | VST | SPR | SW | SE | 25 | 34N | 22E | 0.06 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09165 | | | 10/12/99 | VST | SPR | SW | NW | 30 | 34N | 23E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09183 | | | 11/23/99 | VST | SPR | NW | NW | 22 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09184 | | | 11/23/99 | VST | SPR | SW | NW | 22 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09185 | | | 11/23/99 | VST | SPR | SW | NW | 22 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09186 | | | 11/23/99 | VST | SPR | NW | SE | 22 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V09197 | | | 2/11/00 | VST | SPR | NE | SE | 13 | 35N | 21E | 0.068 | STK | | 20.25474 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09198 | | | 2/11/00 | VST | SPR | NE | SE | 13 | 35N | 21E | 0.068 | STK | | 20.25474 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09199 | | | 2/11/00 | VST | SPR | SE | NW | 13 | 35N | 21E | 0.068 | STK | | 20.25474 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09200 | | | 2/11/00 | VST | SPR | SE | NW | 13 | 35N | 21E | 0.068 | STK | | 20.25474 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09202 | | | 2/11/00 | VST | SPR | SW | NE | 36 | 36N | 21E | 0.068 | STK | | 20.25474 | AFS | BRIGHT-HOLLAND CORPORATION |
| 21 | V09221 | | | 3/1/00 | VST | SPR | SE | NE | 10 | 34N | 19E | 0.013 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09222 | | | 3/1/00 | VST | SPR | SE | SW | 11 | 33N | 20E | 0.022 | STK | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09223 | | | 3/1/00 | VST | SPR | SW | NE | 25 | 33N | 20E | 0.25 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09224 | | | 3/1/00 | VST | SPR | NE | NW | 11 | 33N | 20E | 0.022 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09225 | | | 3/1/00 | VST | SPR | NE | NE | 1 | 33N | 20E | 0.022 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09226 | | | 3/1/00 | VST | SPR | SW | SE | 2 | 33N | 18E | 0.013 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09227 | | | 3/1/00 | VST | SPR | SW | NW | 9 | 33N | 20E | 0.022 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09228 | | | 3/1/00 | VST | SPR | NE | SW | 3 | 33N | 20E | 0.1 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09229 | | | 3/1/00 | VST | SPR | SE | SW | 5 | 34N | 21E | 0.043 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09230 | | | 3/1/00 | VST | SPR | NW | NW | 10 | 34N | 20E | 0.043 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09292 | | | 1/4/01 | VST | SPR | NW | SE | 14 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09293 | | | 1/4/01 | VST | SPR | NW | SE | 14 | 34N | 22E | 0.068 | STK | | | | BRIGHT-HOLLAND CORPORATION |
| 21 | V09299 | | | 4/23/01 | VST | SPR | | LT15 | 24 | 32N | 17E | 0.05 | IRR | | 0 | AFA | JACKRABBIT PROPERTIES, LLC |
| 21 | V09326 | | | 8/13/01 | VST | SPR | NW | SW | 27 | 35N | 21E | 0.068 | STK | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09327 | | | 8/13/01 | VST | SPR | NE | NE | 28 | 35N | 21E | 0.068 | STK | | 0 | AFA | BRIGHT-HOLLAND CORPORATION |
| 21 | V09528 | | | 8/29/05 | VST | UG | | LT01 | 10 | 29N | 19E | 0.009 | STK | | 0 | AFA | OLSON, RICHARD & JAN |
| 21 | V09529 | | | 8/29/05 | VST | SPR | N2 | NE | 10 | 29N | 19E | 0.012 | STK | | 0 | AFA | OLSON, RICHARD & JAN |
| 21 | V09624 | | | 1/25/07 | VST | SPR | NW | SE | 32 | 32N | 20E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. INC. |
| 21 | V09625 | | | 1/25/07 | VST | SPR | NE | NE | 9 | 31N | 20E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. |
| 21 | V09626 | | | 1/25/07 | VST | SPR | NE | SE | 32 | 32N | 20E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. INC. |
| 21 | V09627 | | | 1/25/07 | VST | SPR | NE | SE | 9 | 31N | 20E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. INC. |

| Basin | App | Change App. | Cert | File Date | Status | Source | POD | POD | POD | POD | POD | Div Rate | Type of Use | Sup | Annual Duty | Units | Owner of Record |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | V09628 | | | 1/25/07 | VST | SPR | N2 | NW | 7 | 31N | 20E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. INC. |
| 21 | V09629 | | | 1/25/07 | VST | SPR | NE | NE | 13 | 31N | 19E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. INC. |
| 21 | V09630 | | | 1/25/07 | VST | SPR | SE | SE | 34 | 32N | 20E | 0.05 | STK | | 0 | AFA | JOHN ESPIL SHEEP CO. INC. |
| 21 | V09724 | | | 5/16/08 | VST | UG | NE | SE | 24 | 33N | 21E | 0.05 | STK | | 0 | AFA | DEEP HOLE, LLC A NEVADA LLC |
| 21 | V09784 | | | 10/7/08 | VST | STR | SW | SE | 2 | 30N | 19E | 1 | STK | | 0 | AFA | ESPIL SHEEP CO. |

AquA

# Appendix C

## Base Map for Northern Basin Area

## Detailed sheets showing well locations and point of diversion for water right

Hydrogeologic Consulting LLC