

## **Section 4**

**Mono Basin Tributaries:  
Lee Vining, Rush, Walker, and Parker Creeks**

**Monitoring Results and Analysis  
For Runoff Season 2012-13**





**Mono Basin Tributaries:  
Lee Vining, Rush, Walker, and Parker Creeks**

**FINAL ANNUAL REPORT  
Monitoring Results for  
Runoff Year 2012**

**Prepared by  
Los Angeles Department of Water and Power**



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## 1. INTRODUCTION

The Runoff Year 2012 was classified as Dry Runoff Year Type with the May 1 forecast for Mono Basin Runoff being 55% (67,400 AF). Los Angeles Department of Water and Power (LADWP) operated under State Water Resources Control Board (SWRCB) Order 98-05 during the Runoff Year 2012. Hereinafter the Runoff Year 2012 is a period starting on April 1, 2012, and ending on March 31, 2013, and will be referred to as RY 2012.

Hydrographs and daily flow data from four tributaries (eight actual stations and Rush below the Narrows) are presented in Section 2.1 and Appendix A. The SEF hydrographs are presented in Section 2.2. Ice monitoring was not conducted, but an inference of ice development was made based on air and water temperature records. A discussion is presented in Section 2.3. Tributary water temperature monitoring continued during RY2012 (Section 2.5 and Appendix B). Groundwater elevation monitoring in the Rush Creek 8-Channel Section continued until December 13, 2012, and all level trolls but one were removed. The groundwater monitoring results are presented in Section 2.6 and Appendix C. The Parker and Walker creeks sediment bypass operation was not conducted during RY2012 due to low flow conditions. An assessment of vegetation conditions along two side channels (4Bii and 8-Channel) was conducted, and results are presented in Section 3.

## 2. HYDROLOGY

### 2.1 HYDROGRAPHS

RY2012 was classified as Dry Runoff Year Type. LADWP followed Dry Runoff Year Type stream flows based on Order 98-05 (Stream Restoration Flow or SRF) for four tributaries. The May 1 forecast for Mono Basin Runoff was 55% (67,400 AF). Hydrographs for four tributaries are presented in Figures 1 through 4, and daily average flows are available in the tabular format in Appendix A.

Due to Dry Runoff Year Type, no peak flow was released into Rush Creek below Grant Lake Reservoir. To buffer from flow fluctuations, the flow was maintained above the SRF baseflow (31 cfs) between April 1 and September 30 with the average daily flow of 34.6 cfs (Figure 1). The flow was increased on October 1 to meet the fall and winter baseflow of 36 cfs with the average daily flow of 38.8 cfs between October 1 and February 5. At Damsite, Rush Creek peaked at 197 cfs on May 14, and within a month the flow dropped below 20 cfs. The lowest daily flow of 7.5 cfs was recorded on July 21.

Lee Vining Creek peaked at 129 cfs on April 24, the earliest peak daily flow observed since 1989 (Figure 2), but no peak flow was required downstream of the Intake. The downstream flow was maintained above 37 cfs until the flow above Intake dropped

below 37 cfs on July 17. Lee Vining Creek was diverted between April 21 and July 14; the estimated total diversion of 5,596 AF.

At Parker Creek, five snowmelt peaks above 15 cfs were recorded (21.9 cfs on June 4 was the highest peak). However, the annual peak occurred on August 19, most likely due to a storm which dropped a total of 0.4 inch in one week of August (Figure 3). The only first peak on April 26 was transmitted downstream. Parker Creek was diverted between May 5 and 27, June 2 and 25, July 2 and 18, and August 19 and 24. The estimated total diversion was 604 AF. The minimum flow of 9 cfs was maintained until the flow above Conduit dropped below 9 cfs on August 30.

At Walker Creek, three snowmelt peaks were observed, but no notable peak was observed in August as with Parker Creek (Figure 4). The peak flow occurred in May 22 at 10.9 cfs. Walker Creek was diverted between April 28 and June 22, with the estimated total diversion of 180 AF. The minimum daily flow of 6 cfs was maintained except the period between June 9 and 22 due to the anticipation of continuous snowmelt activity. When the daily flow above Conduit kept dropping, the diversion gate was closed on June 22.

The peak daily flow for Upper Rush Creek (MGORD + Spill) was 43 cfs, the second lowest peak since 1989. The peak daily flow was also the second lowest for Rush below the Narrows since 1991 (Table 1). The peak flow was the third lowest for Lee Vining Creek since 1989. It was the second lowest peak daily flow for Parker Creek and the lowest recorded at Walker Creek since 1989.

## **2.2 HYPOTHETICAL SEF HYDROGRAPHS**

The Mono Basin Synthesis Report recommended Stream Ecosystem Flows (SEFs) to replace the current Order 98-05 SRFs. Hypothetical Lee Vining Creek and Rush Creek SEF hydrographs were constructed for RY2012 and compared to the actual RY2012 flow releases or SRF (Figure 5 for Lee Vining Creek and Figure 6 for Rush Creek). The actual release of Lee Vining Creek between April 1 and January 31 was 406 AF lower than the hypothetical SEF release. SEF diversion rate would have been smaller in the early part of the snowmelt bench period during which the daily flow at above Intake stayed above 70 cfs. For that flow range, the below Intake release (the daily flow at Intake) would have been greater than the SRF baseflow of 37 cfs. However, the SEF diversion would have been greater than the SRF diversion for the daily flow between 30 cfs and 70 cfs at above Intake. SRF and SEF flow became identical once the daily flow at above Intake dropped below 30cfs as no diversion would be allowed by either SRF or SEF. The peak flow of Lee Vining at Intake would have been 84 cfs under SEF.

There was a very small difference in a total release of MGORD between SRF and SEF based on the record between April 1 and February 5 (22,465 AF for SRF and 22,506 AF for SEF). During RY2012, no snowmelt bench was released, but the summer baseflow was maintained above 30 cfs. The SRF baseflow was slightly higher than 27 cfs (the SEF baseflow). Much higher fall and winter baseflows (36 cfs) were released by SRF compared to SEF (27 cfs). The higher fall and winter baseflows makes up for absence of snowmelt bench, resulting in a similar total MGORD release for two flow regimes.

Rush Creek below the Narrows would have had 56 days with the daily flow above 80 cfs under SEF. The peak flow would have been 101 cfs on June 4. The peak daily flow would have been 21.9 on June 4 and 10.9 cfs on May 22 for Parker and Walker creeks, respectively, under SEF. The peak daily flow of Parker Creek would have resulted in the peak flow for Rush below the Narrows on June 4. A difference between SEF and SRF at Rush below the Narrows would have been the total diversion off Parker and Walker creeks (784 AF). As a result, total flow of SEF would have been approximately 900 AF greater than that of SRF.

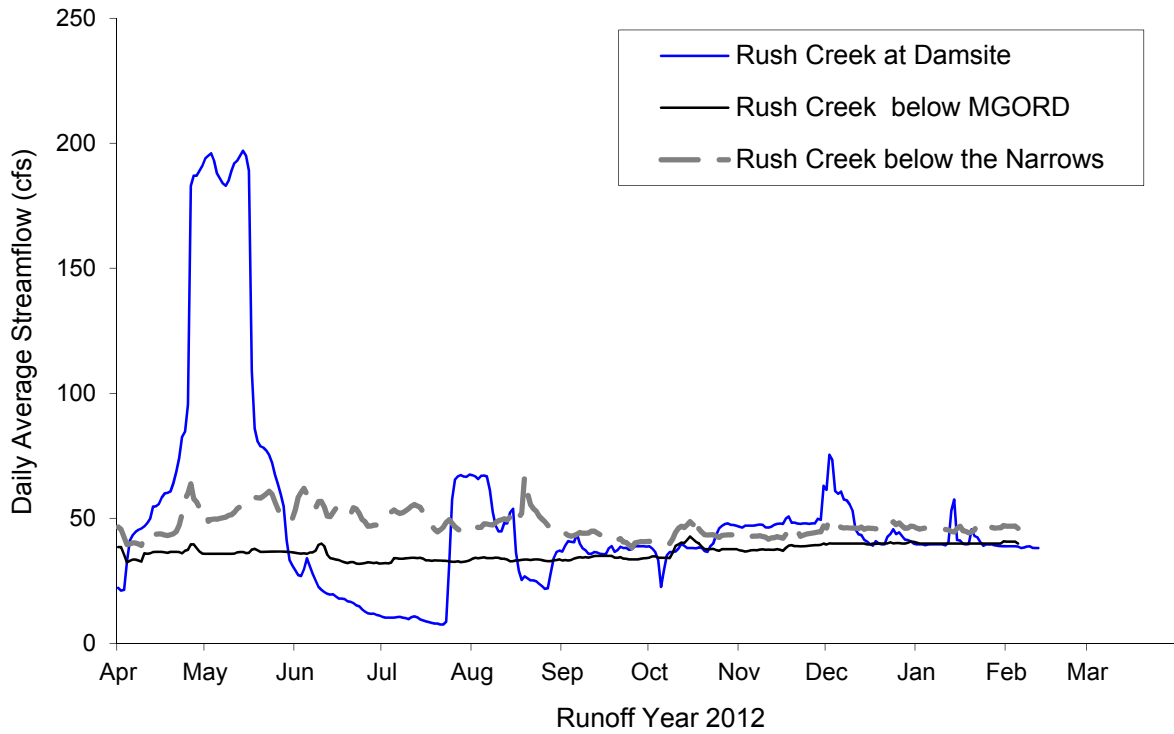


Figure 1. Rush Creek hydrographs for Runoff Year 2012.

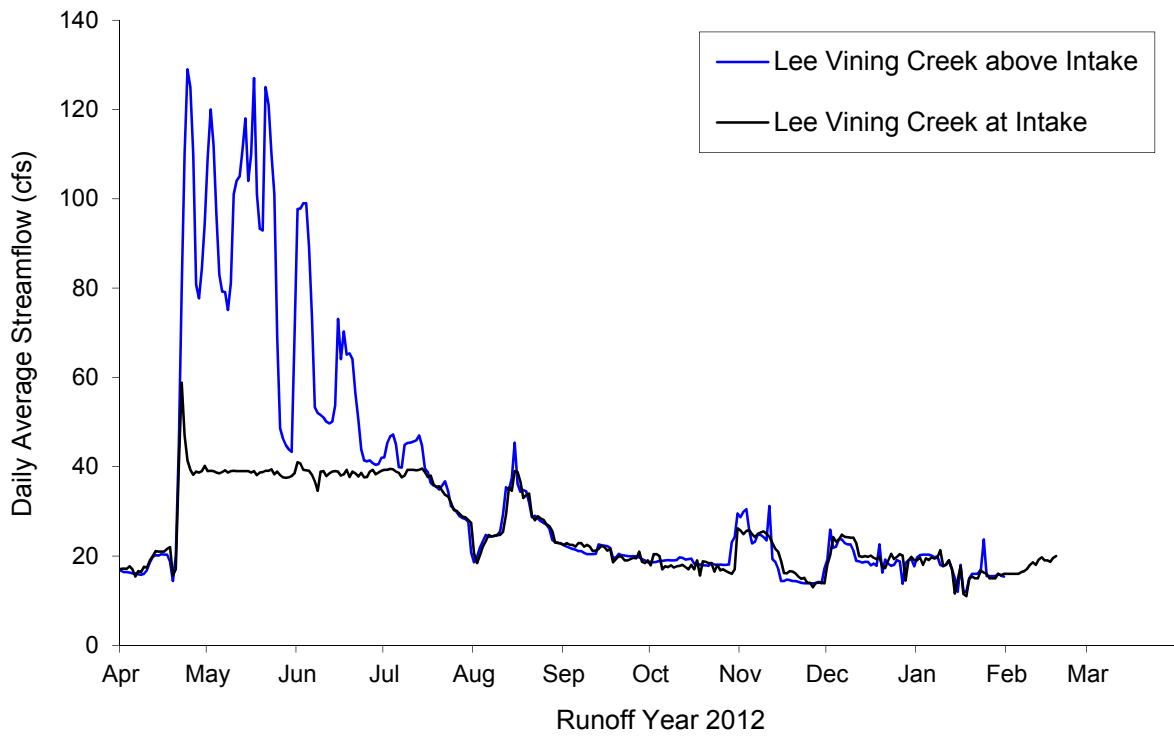


Figure 2. Lee Vining Creek hydrographs for Runoff Year 2012.

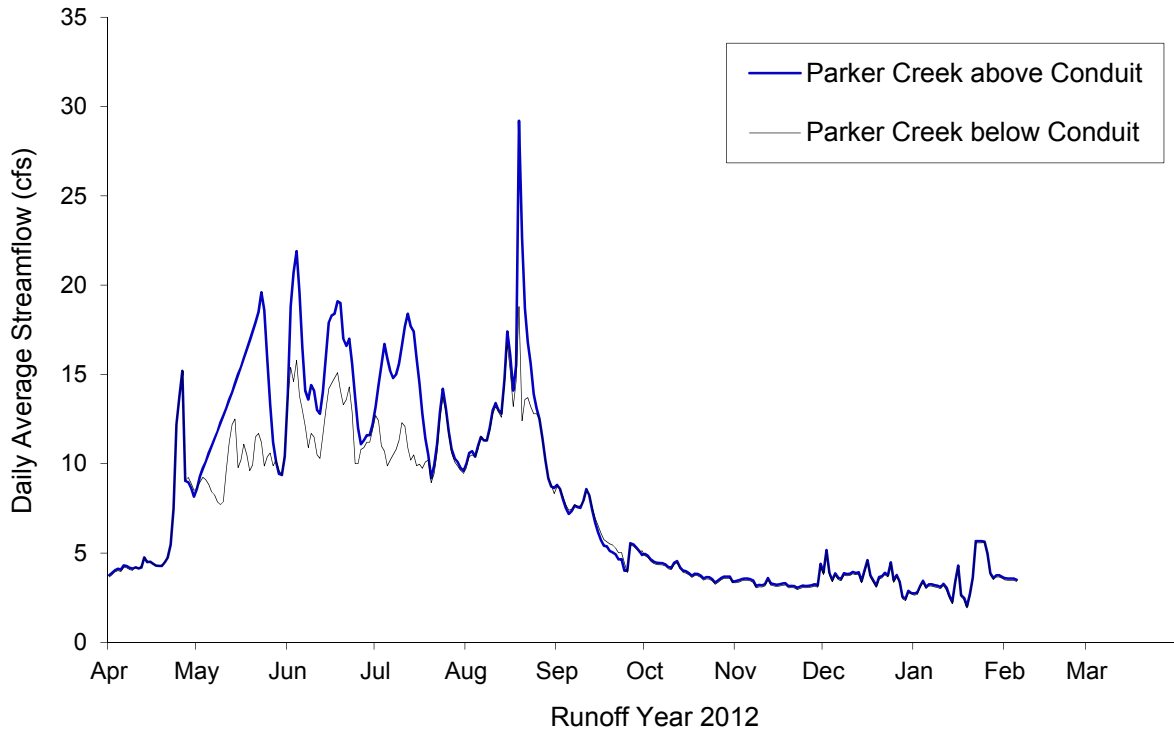


Figure 3. Parker Creek hydrographs for Runoff Year 2012.

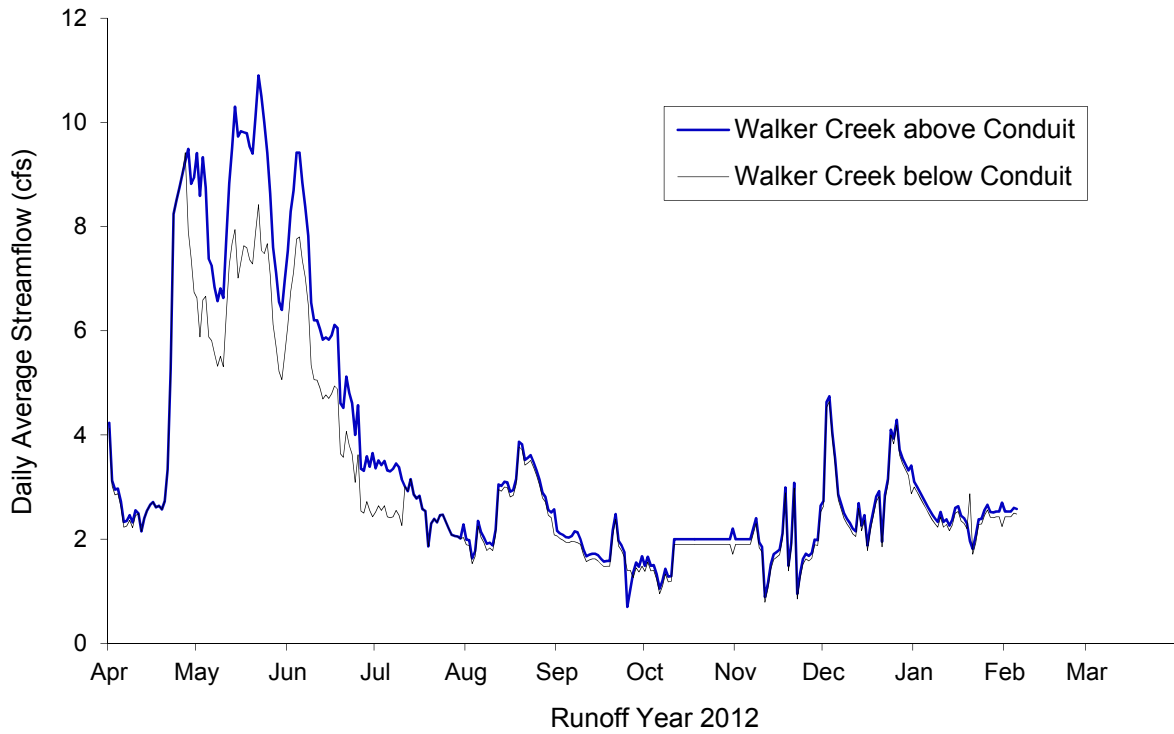


Figure 4. Walker Creek hydrographs for Runoff Year 2012.

*Table 1. Historical annual peak daily flows of four Mono Basin tributaries since 1989. RY Types were based on the total runoff of the year, not on the May 1 forecast of each year.*

| Year | RY Type       | Peak Daily Flow (cfs) |            |                           |        |        |
|------|---------------|-----------------------|------------|---------------------------|--------|--------|
|      |               | Lee Vining            | Upper Rush | Rush below<br>the Narrows | Parker | Walker |
| 1989 | Dry Normal I  | 132                   | 102        |                           | 19     | 16     |
| 1990 | Dry           | 95                    | 111        |                           | 37     | 11     |
| 1991 | Dry           | 186                   | 162        | 198                       | 50     | 30     |
| 1992 | Dry           | 134                   | 169        | 189                       | 35     | 21     |
| 1993 | Wet Normal    | 264                   | 166        | 235                       | 42     | 31     |
| 1994 | Dry           | 139                   | 98         | 136                       | 35     | 22     |
| 1995 | Extreme Wet   | 522                   | 548        | 649                       | 86     | 66     |
| 1996 | Wet Normal    | 342*                  | 331        | 390                       | 64     | 47     |
| 1997 | Wet Normal    | 378                   | 173        | 231                       | 48     | 34     |
| 1998 | Wet           | 417                   | 539        | 636                       | 69     | 51     |
| 1999 | Normal        | 285                   | 202        | 255                       | 52     | 30     |
| 2000 | Normal        | 264                   | 203        | 255                       | 49     | 31     |
| 2001 | Dry Normal II | 215                   | 159        | 201                       | 56     | 40     |
| 2002 | Dry Normal I  | 238                   | 166        | 223                       | 37     | 26     |
| 2003 | Normal        | 332                   | 203        | 284                       | 49     | 43     |
| 2004 | Dry Normal I  | 152                   | 345        | 374                       | 33     | 20     |
| 2005 | Wet           | 374                   | 408        | 472                       | 74     | 51     |
| 2006 | Wet           | 457                   | 473        | 580                       | 64     | 53     |
| 2007 | Dry           | 127                   | 38         | 62                        | 22     | 11     |
| 2008 | Dry           | 222                   | 354        | 395                       | 32     | 22     |
| 2009 | Normal        | 232                   | 59         | 117                       | 39     | 25     |
| 2010 | Normal        | 511                   | 434        | 493                       | 77     | 72     |
| 2011 | Wet           | 532                   | 446        | 565                       | 80     | 50     |
| 2012 | Dry           | 129                   | 43         | 67                        | 22**   | 9      |

\* The annual peak based on spring snowmelt, not the rain-on-snow event in January 3, 1997, during which the peak daily flow was recorded at 524 cfs.

\*\* The annual peak based on spring snowmelt, not the rain even in August 19, 2012, during which the peak daily flow was recorded at 29 cfs.

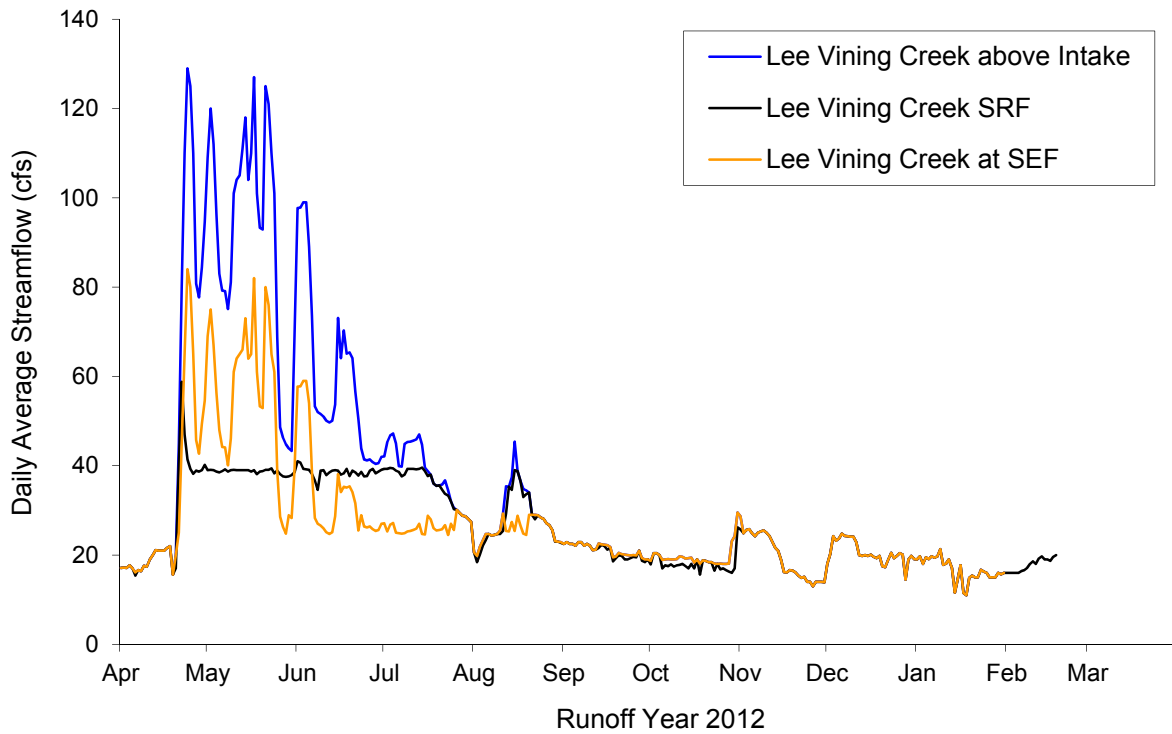


Figure 5. Comparison of RY2012 SRF and SEF hydrographs for Lee Vining Creek at Intake.

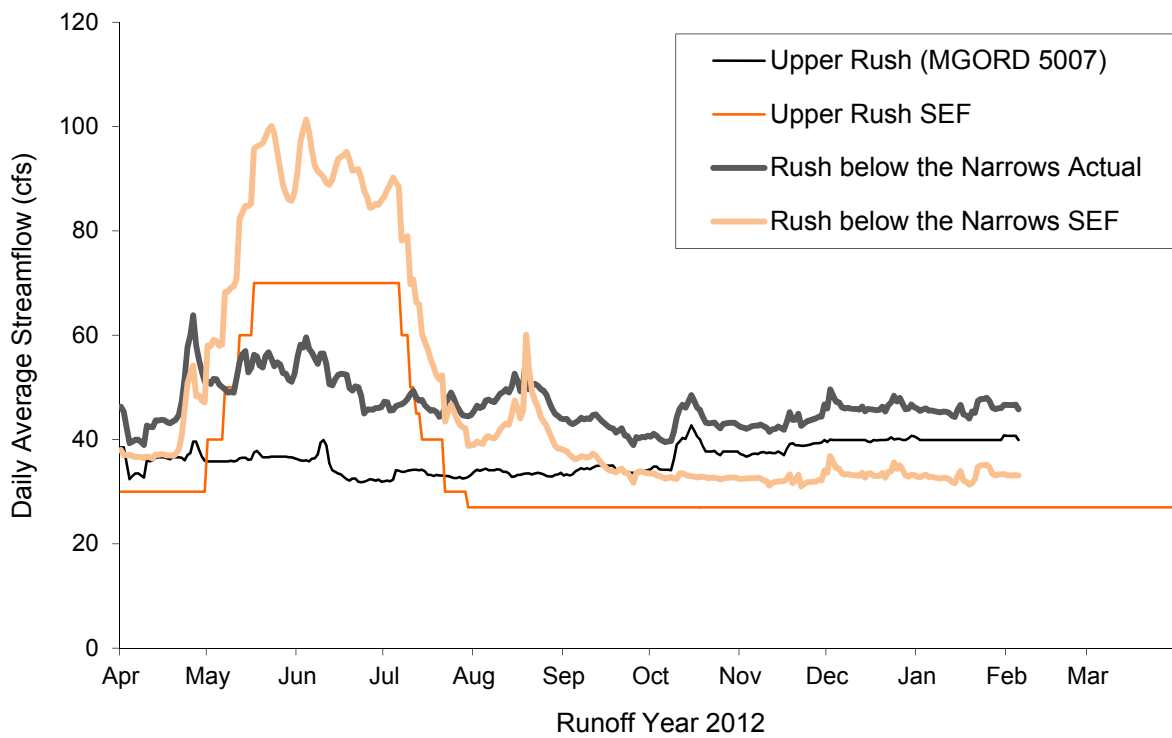


Figure 6. Comparison of RY2012 SRF and SEF hydrographs for Rush Creek.

### 2.3 WINTER BASEFLOW

The winter baseflow of Lee Vining Creek hovered around 20 cfs (Figure 7). For Rush Creek, MGORD release was maintained at approximately 40 cfs, which resulted in 45 cfs flow below the Narrows with the addition of Parker and Walker creeks.

LADWP staff did not monitor the ice condition in Lee Vining Creek or Rush Creek during the winter of RY2012. However, an inference was made based on air and stream temperature readings. Based on Cain Ranch temperature readings, there was one prolonged cold period during which mean daily air temperature remained below 32°F for 41 consecutive days from December 13 through January 22 (Figure 8). During this period, a total of 500 FDD (Freezing Degree Days) was accumulated. The winter of RY2012 had 529 netAFDD (net or maximum Accumulated Freezing Degree Days) (Table 2). The RY2012's netAFDD was sixth highest since RY1991, and was above the 22 year average since RY1991\* with 425 netAFDD. RY2012's netAFDD was highest since RY2000 and also since the ice monitoring started in RY2009.

This cold period resulted in low water temperatures in both Lee Vining and Rush creeks (Figure 9a and 9b, and Appendix C). Water temperature readings dropped rapidly with onset of the prolonged cold period. Supercooling (water temperature dropping below 32°F by trapping super cold air) was observed throughout Lee Vining Creek except at below Intake and below Town†. The temperature readings from two sites (Upper Rush or the old 395 bridge and below the Narrows) showed supercooling along Rush Creek. The longitudinal water temperature profile shows gradual cooling once water leaves MGORD. Water temperature rose slightly between the Narrows and 10 Channel, and then decreased again at County Road. Along Lee Vining Creek, water temperature dropped rapidly downstream of the Intake. Higher water temperature immediately below Intake may be a result of surface ice over the Lee Vining forebay insulating the water below during cold days.

This unusually long cold period would have resulted in a higher number of ice dams and extended surface ice cover throughout Lee Vining and Rush creeks. The ice conditions would have been much more severe than the previous three years of monitoring. However, snow accumulation in the end of November and throughout December (3.57 inches at Cain Ranch) might have insulated creeks and prevented anchor ice formations in some reaches.

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\* RY2007 was not included because no weather data were collected during most of the 2007-08 winter due to equipment malfunction.

† The water temperature monitoring site, Lee Vining below Town, was set up along Lee Vining Creek below the town of Lee Vining in 2010. It was formally called Lee Vining below the sewage plant.



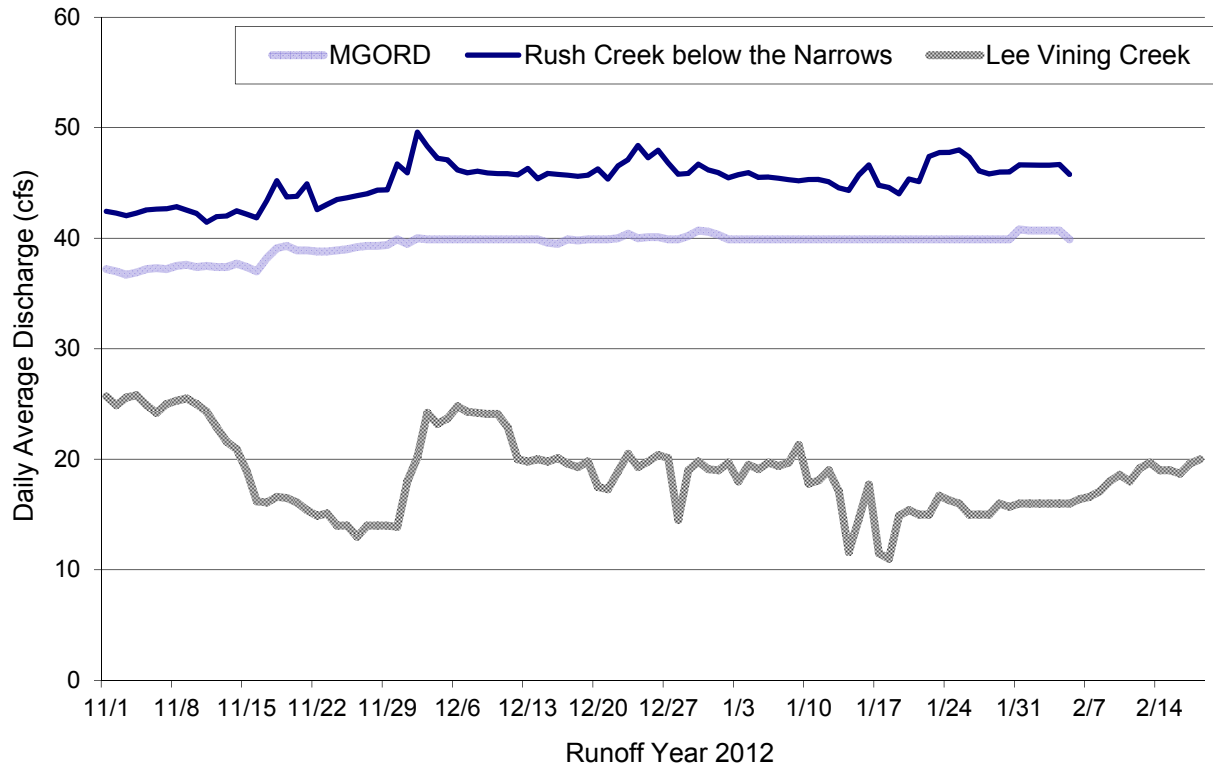


Figure 7. Winter baseflow during RY2012 for MGORD release, Rush Creek below the Narrows, and Lee Vining Creek.

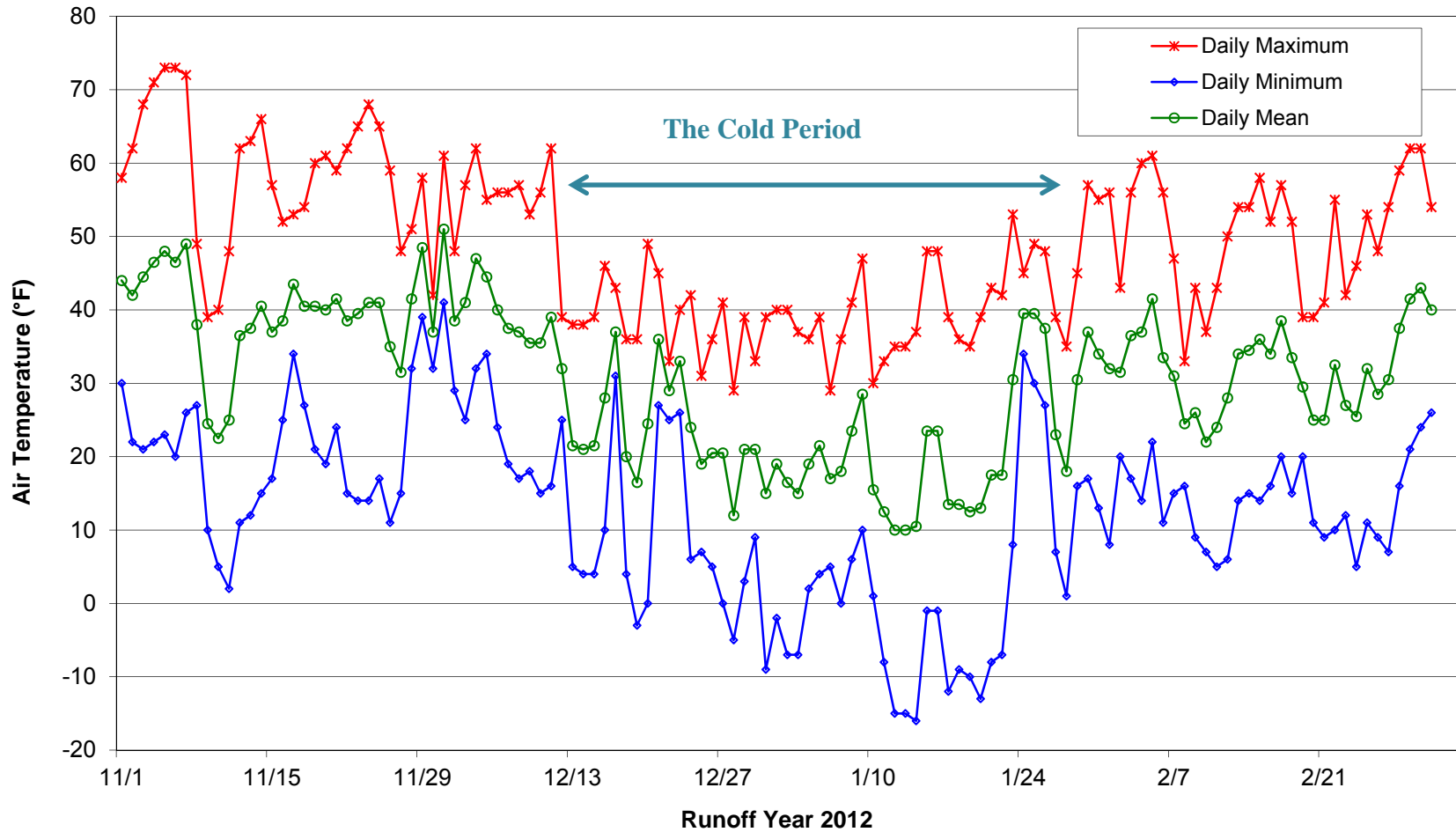


Figure 8. Air temperature measured at Cain Ranch between November 1 and March 3 in RY2012.

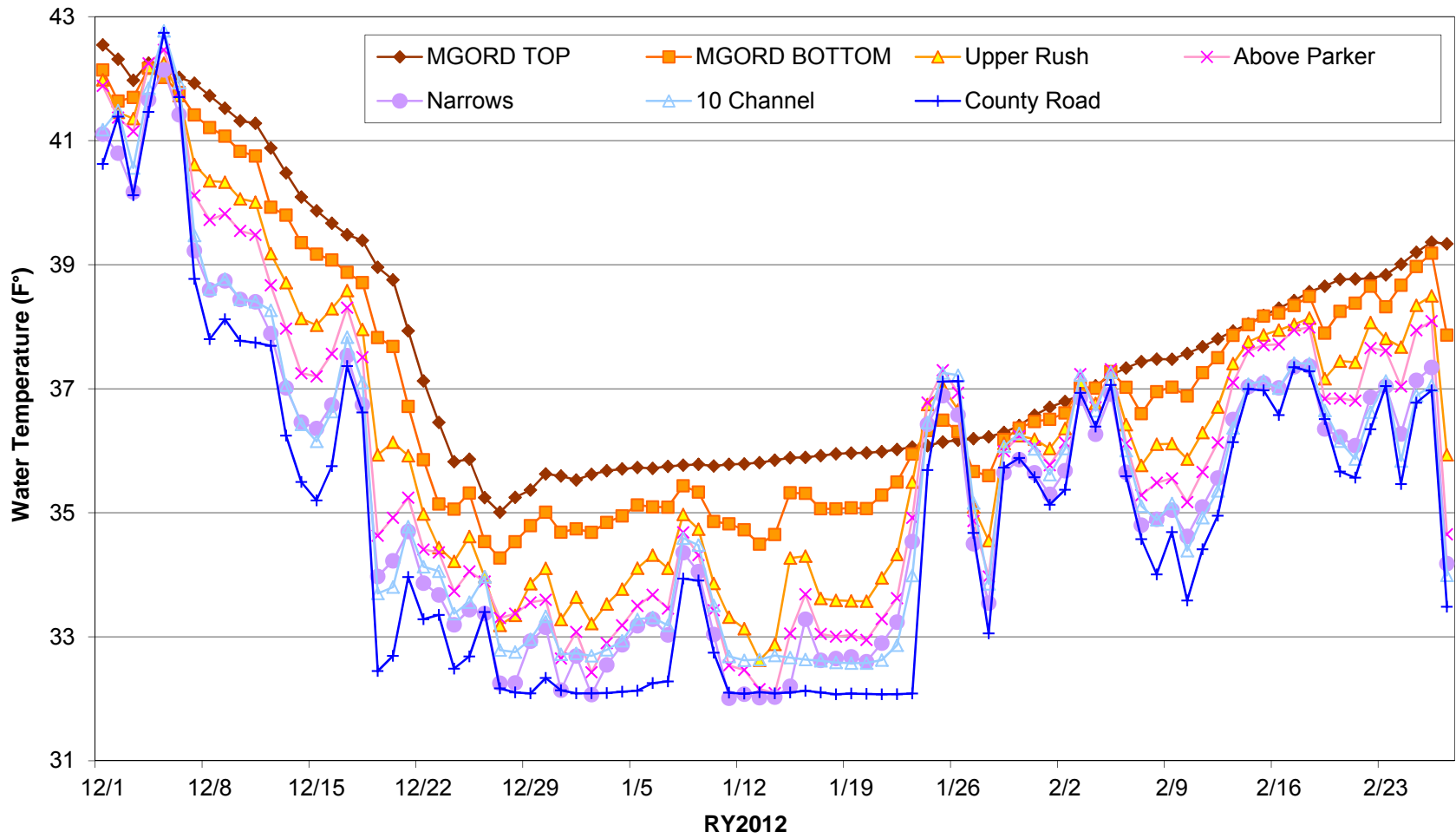


Figure 9a. Daily mean water temperature along Rush Creek between December 1 and February 27 in RY2012.

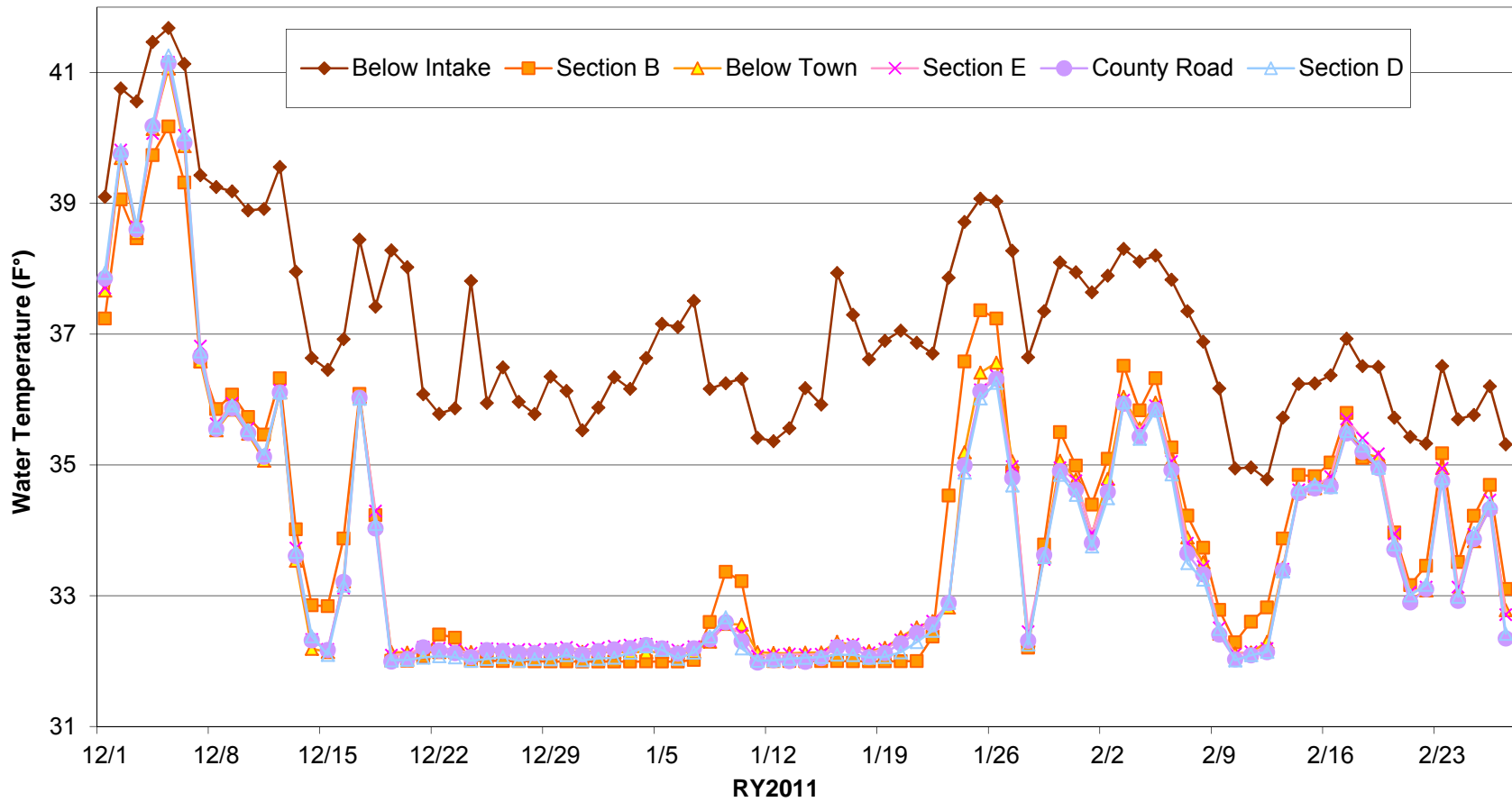


Figure 9b. Daily mean water temperature along Lee Vining Creek between December 1 and February 27 in RY2012. For exact location of temperature sensors along Lee Vining Creek, refer to the RY 2011 Annual Report.

*Table 2. Historical netAFDD (net or maximum Accumulated Freezing Degree Days) , date of the maximum AFDD, and numbers of days during which daily maximum air temperature ( $\theta$ ) and daily average air temperature ( $\mu$ ) were below 32°F since the winter of 1991-92 (RY1991) based on Cain Ranch weather station data. Due to malfunction of the weather station, no data are available for RY2007 or 2007-08.*

| Year            | netAFDD | Date of maximum AFDD | No.days $\theta < 32^{\circ}\text{F}$ | No.days $\mu < 32^{\circ}\text{F}$ |
|-----------------|---------|----------------------|---------------------------------------|------------------------------------|
| <b>1991-92</b>  | 628     | 2/18/1992            | 15                                    | 72                                 |
| <b>1992-93</b>  | 1075    | 3/12/1993            | 35                                    | 102                                |
| <b>1993-94</b>  | 464     | 2/2/1994             | 1                                     | 80                                 |
| <b>1994-95</b>  | 537     | 2/17/1995            | 8                                     | 96                                 |
| <b>1995-96</b>  | 201     | 3/6/1996             | 8                                     | 56                                 |
| <b>1996-97</b>  | 258     | 2/28/1997            | 8                                     | 68                                 |
| <b>1997-98</b>  | 783     | 3/11/1998            | 9                                     | 106                                |
| <b>1998-99</b>  | 323     | 2/15/1999            | 7                                     | 68                                 |
| <b>1999-00</b>  | 141     | 1/6/2000             | 0                                     | 68                                 |
| <b>2000-01</b>  | 575     | 3/5/2001             | 6                                     | 83                                 |
| <b>2001-02</b>  | 414     | 2/5/2002             | 5                                     | 74                                 |
| <b>2002-03</b>  | 364     | 2/12/2003            | 4                                     | 70                                 |
| <b>2003-04</b>  | 411     | 3/4/2004             | 2                                     | 80                                 |
| <b>2004-05</b>  | 506     | 2/19/2005            | 9                                     | 79                                 |
| <b>2005-06</b>  | 324     | 3/22/2006            | 2                                     | 74                                 |
| <b>2006-07*</b> | 308     | 2/2/2007             | 3                                     | 54                                 |
| <b>2008-09</b>  | 236     | 2/21/2009            | 2                                     | 58                                 |
| <b>2009-10</b>  | 400     | 2/10/2010            | 6                                     | 80                                 |
| <b>2010-11</b>  | 281     | 3/7/2011             | 5                                     | 71                                 |
| <b>2011-12</b>  | 166     | 12/26/2011           | 1                                     | 61                                 |
| <b>2012-13</b>  | 529     | 2/27/2013            | 4                                     | 60                                 |
| <hr/>           |         |                      |                                       |                                    |
| Average         |         |                      |                                       |                                    |
| Overall         | 425     |                      | 7                                     | 74                                 |
| RY1991-2000     | 490     |                      | 10                                    | 80                                 |
| RY2001-2012     | 376     |                      | 4                                     | 70                                 |

$\theta$  = Daily Maximum Air Temperature

$\mu$  = Daily Average Air Temperature

\* Data are missing after February 23, 2007 in RY2006-2007, so the actual daily maximum and minimum air temperatures might have been slightly higher.

## **2.4 FLOW LOSS STUDIES**

### *2.4.1 5-Siphons Bypass Flow Loss*

The flow loss study through the 5-Siphons Bypass was not conducted in RY2012 because the Lee Vining Conduit flow was too unstable to obtain any reliable flow loss estimates.

### *2.4.2 Grant Lake Spillway Flow Loss*

The flow loss between the Grant Lake Spillway and Rush Creek was not conducted because Grant Lake Reservoir did not spill during RY2012.

## 2.5 GROUNDWATER MONITORING

Groundwater monitoring continued in RY2012. Depth to water table (DTW) data was collected by LADWP at seven piezometers surrounding the Lower Rush Creek 8-Channel until December 13. Data from six piezometers (8C-2, 8C-4 through 8C-7) during RY2012 are presented in this report (daily average DTWs are presented in Appendix B in tabular format). Readings from 8C-3 were omitted because the piezometer was mostly dry and readings remained unchanged at 5.7ft except a few days during the high flow period. Readings from 8C-8 were also omitted due to unexplainable large daily fluctuations in DTW readings.

Eight piezometers (8C-1 through 8C-8) are all located in the west side of the Rush Creek main channel (Figure 10). Seven of these were equipped with a pressure transducer (8C-2 through 8C-8). The DTW closely followed Rush Creek flow throughout RY2012 (Figure 11). Peak DTW (or the lowest DTW readings) was recorded by all piezometers between April 26 and 29, during which the peak flow of Rush Creek below the Narrows was recorded at 64 cfs on April 26. Two piezometers located along the main channel (8C-2 and 8C-4) closely mimicked the hydrograph of Rush below the Narrows. The range of daily DTW readings was 3.0ft and 3.3ft for these two piezometers, respectively. Three other piezometers only followed the general pattern of Rush Creek flow. Readings were higher in April and May, and started to increase gradually with small fluctuations in June and August. The range of DTW readings was small, indicating relatively stable water table conditions throughout RY2012.

A very sharp response to the peak flow on April 26 was observed at 8C-6 where the depth to water table decreased by more than 2ft. Piezometer 8C-3 responded similarly to the peak flow (data not shown). There was a slight decrease in DTW at 8C-7. This spatial pattern of DTW indicates that water was flowing in the 8-Channel during the high flow period, rather than direct responses of these piezometers to higher Rush Creek flow. Absence of the sharp decline at 8C-7 suggests that water was flowing in the 8-Channel at least down past 8C-6, but that it did not quite reach 8C-7. The rapid decrease in DTW was followed by a rapid increase, indicating that the water table would drop quickly without water flowing in the 8-Channel. LADWP staff observed manual digging at the mouth of the 8-Channel to enhance flows. Without this intervention there would have been no water flowing in the 8-Channel during RY2012.



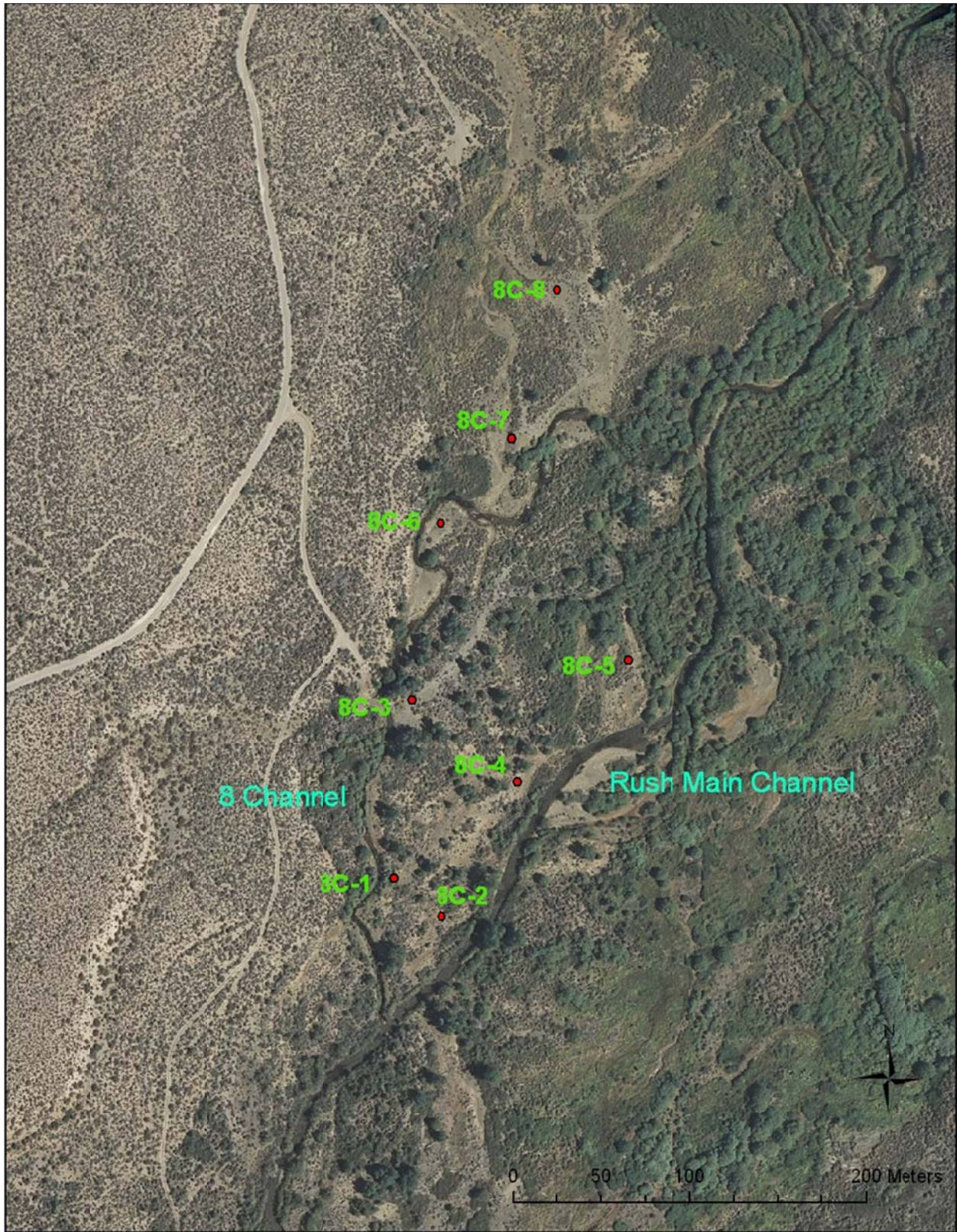


Figure 10. Locations of piezometers in the 8-Channel Section of Rush Creek.



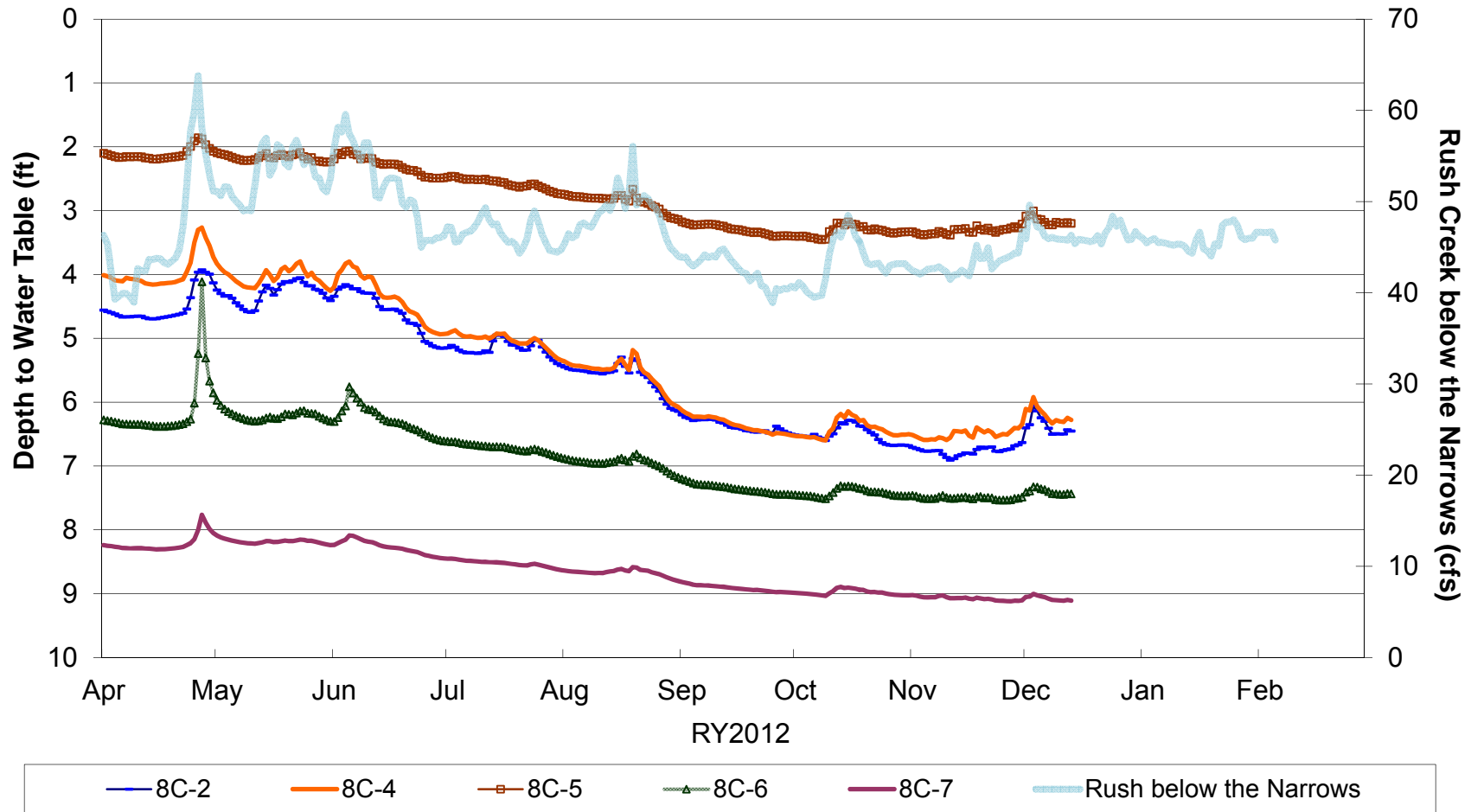


Figure 11. Depth to water table in feet at six piezometers in the 8-Channel Section of Rush Creek for RY2012.

## 2.6 TRIBUTARY WATER TEMPERATURE MONITORING

Water temperature monitoring continued in RY2012 at twelve sites in Rush, Lee Vining, Parker, and Walker creeks (Table 3). Daily statistics of water temperature for RY 2012 are presented in Appendix C. LADWP did not replace the missing temperature loggers at three sites (Parker above Confluence, Walker below Conduit, Lee and Lee Vining Conduit); therefore no record is available from these three sites. RY2012 was a dry year with the SRF baseflows for all four tributaries. The water temperature conditions were good in Parker and Lee Vining creeks as the daily maximum water temperature never exceeded 70°F. The conditions were fair in Walker Creek as the daily maximum temperature occasionally exceeded 70°F. The conditions were unfavorable for fish growth and survival in Rush Creek below MGROD as the daily maximum water temperature exceeded 70°F for the extended period of time.

The daily maximum water above 70°F was recorded in all Rush Creek sites below MGORD (Table 4). At Rush Creek County Road, the daily maximum water temperature exceeded 70°F for 51 days during summer (between June 1 and September 30). The mean daily temperature was relatively similar throughout Rush Creek during summer. This is mainly due to much lower daily minimum temperature downstream of MGORD (58.6°F at MGORD Top comparing to 50.9°F at County Road) offsetting a higher maximum daily temperature. A warming trend of daily mean temperature downstream was observed mainly in June and July, but the trend was reversed intermittently when air temperature dropped below water temperature recorded at MGORD (Figure 12 and 13). A cooling trend started in the beginning of August and persisted throughout fall and winter (Figure 9a).

The water temperature conditions at Parker Creek were good, but fair at Walker Creek. At the mouth of Walker Creek, the daily maximum water temperature exceeded 70°F for 22 days. It is not clear whether the general warming trend of water temperature in the downstream direction would have resulted in fair conditions at the mouth of Parker Creek during summer. At both creeks, water temperature during summer of RY2012 was higher compared to RY2011 most likely due to lower flows and a warmer summer in RY2012.

The condition along Lee Vining Creek remained good throughout RY2012. Lee Vining Creek warmed in the downstream direction during summer, and cooled during winter. Cooling during winter, however, occurred rapidly between Lee Vining below Intake and Section B, and water temperature remained relatively similar between Sections B and D (Figure 9b). This rapid decrease in water temperature below the Intake was not observed in the past since the ice monitoring began in 2009.

*Table 3. Location of water temperature monitoring sites.*

| Site                               | UTM      |         |
|------------------------------------|----------|---------|
|                                    | Northing | Easting |
| Rush Creek at Damsite              | 4186089  | 314256  |
| Rush Creek at MGORD TOP            | 4192452  | 316024  |
| Rush Creek at MGORD BOTTOM         | 4193278  | 314922  |
| Rush Creek at Old Hwy 395          | 4195347  | 316030  |
| Rush Creek above Parker Confluence | 4197232  | 316878  |
| Rush Creek below the Narrows       | 4198166  | 317285  |
| Rush Creek below 10 Channel Fall   | 4200480  | 318323  |
| Rush Creek at County Road          | 4201796  | 319259  |
| Parker Creek below Conduit         | 4193986  | 313684  |
| Walker Creek above Confluence      | 4198043  | 317206  |
| Lee Vining below Intake            | 4200708  | 312561  |
| Lee Vining at County Road          | 4204791  | 314735  |

*Table 4. Summary of water temperature data during RY2012. All daily statistics (Daily Mean, Daily Max, Daily Min, and Max Daily Flux) are in °F. No.Days indicate the number of days that the daily maximum temperature exceeded 70°F. Additional monitoring sites along Lee Vining Creek (Section B, below Town, Section E, and Section D) were the sites which had been set up for ice monitoring.*

| Location                           | Annual     |                | Summer     |           |           |          | Winter     |           |           |
|------------------------------------|------------|----------------|------------|-----------|-----------|----------|------------|-----------|-----------|
|                                    | Daily Mean | Max Daily Flux | Daily Mean | Daily Max | Daily Min | No. Days | Daily Mean | Daily Max | Daily Min |
| Rush Creek at MGORD TOP            | 51.2       | 6.0            | 63.3       | 66.9      | 58.6      | 0        | 40.3       | 52.7      | 34.5      |
| Rush Creek at MGORD BOTTOM         | 51.2       | 9.9            | 63.5       | 69.6      | 57.3      | 0        | 39.7       | 54.6      | 33.3      |
| Rush Creek at Old Hwy 395          | 50.7       | 15.2           | 63.1       | 72.1      | 55.4      | 36       | 38.8       | 55.1      | 31.9      |
| Rush Creek above Parker Confluence | 50.2       | 18.4           | 62.3       | 71.0      | 54.5      | 9        | 38.3       | 55.3      | 32.0      |
| Rush Creek below the Narrows       | 49.8       | 19.5           | 61.8       | 72.6      | 52.7      | 36       | 37.6       | 54.5      | 32.0      |
| Rush Creek below 10 Channel Fall   | 49.8       | 19.6           | 61.9       | 73.0      | 51.9      | 38       | 37.6       | 53.2      | 32.5      |
| Rush Creek at County Road          | 49.7       | 21.0           | 62.1       | 74.8      | 50.9      | 51       | 37.0       | 53.2      | 32.0      |
| Parker Creek below Conduit         | 44.9       | 12.2           | 55.9       | 64.8      | 46.8      | 0        | 33.8       | 43.9      | 31.7      |
| Walker Creek above Confluence      | 46.4       | 21.2           | 58.5       | 73.3      | 44.6      | 22       | 33.6       | 46.1      | 31.9      |
| Lee Vining below Intake            | 44.9       | 15.3           | 54.0       | 63.3      | 45.2      | 0        | 37.8       | 44.4      | 33.1      |
| Lee Vining Section B               | 44.1       | 14.1           | 54.4       | 64.6      | 45.3      | 0        | 34.0       | 41.8      | 31.9      |
| Lee Vining below Town              | 44.9       | 12.2           | 55.7       | 64.6      | 46.5      | 0        | 33.8       | 41.9      | 32.0      |
| Lee Vining Section E               | 45.2       | 12.9           | 56.1       | 64.9      | 46.5      | 0        | 33.9       | 42.3      | 32.0      |
| Lee Vining at County Road          | 45.1       | 13.4           | 56.2       | 64.9      | 46.6      | 0        | 34.8       | 44.8      | 31.9      |
| Lee Vining Section D               | 45.5       | 14.8           | 56.7       | 66.6      | 47.1      | 0        | 33.8       | 43.2      | 32.0      |

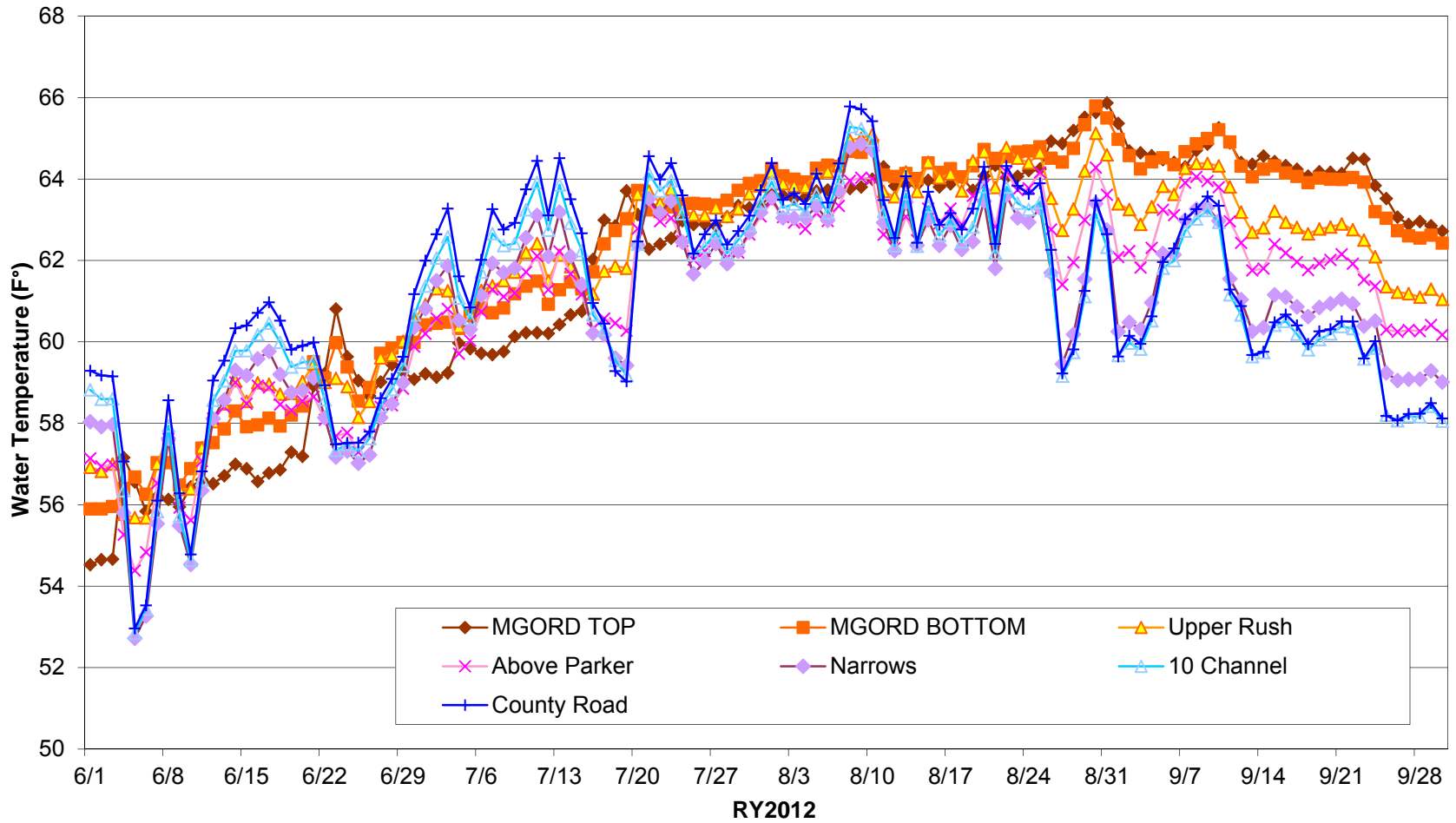


Figure 12. Water temperature data for Rush Creek between June 1 and September 30.

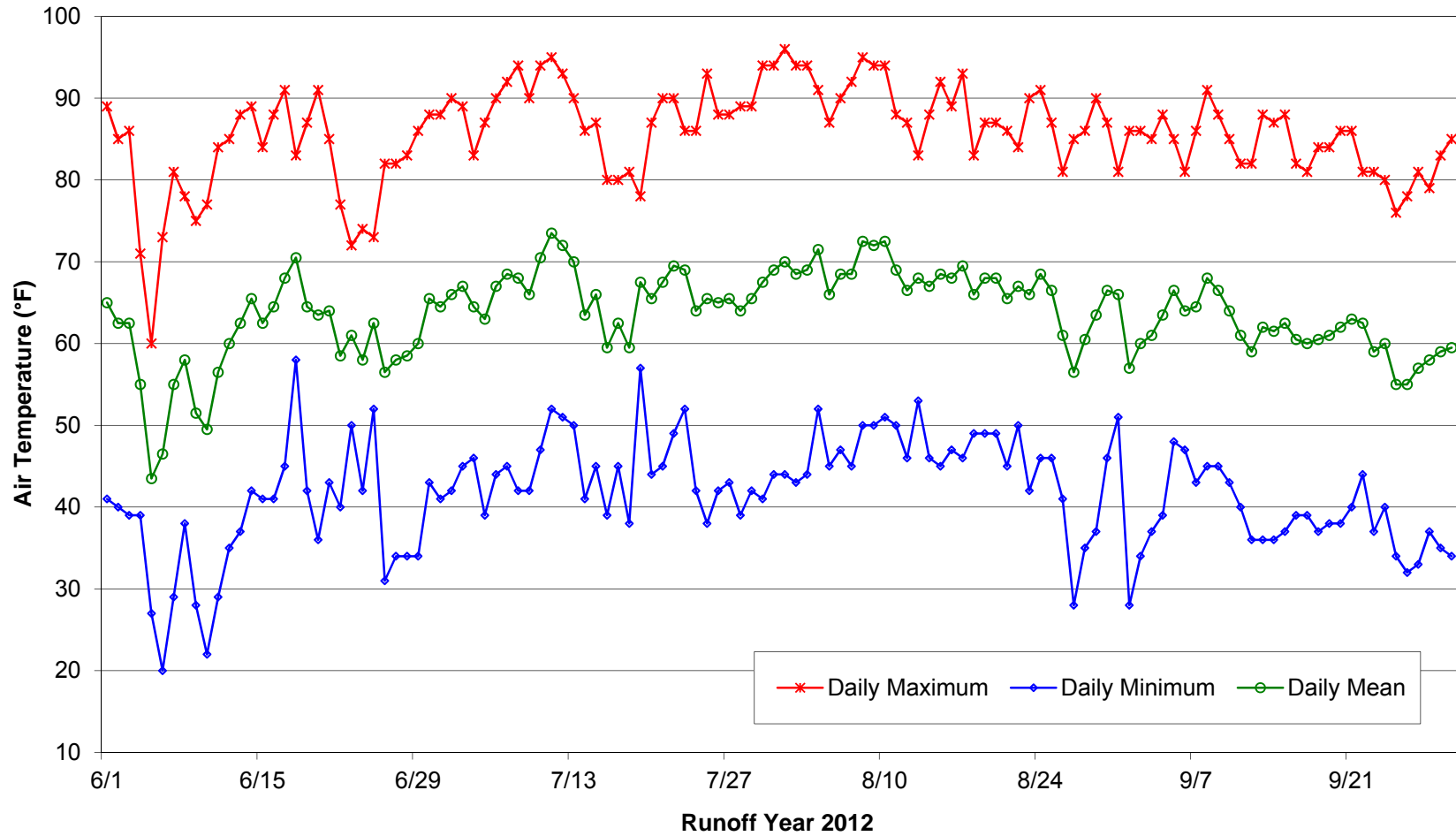


Figure 13. Air temperature measured at Cain Ranch between June 1 and September 30 in RY2012..

### 3. GEOMORPHOLOGY

#### 3.1 ASSESSMENT OF SIDE CHANNELS

Two side channels, 4Bii and 8-Channel, were rewatered starting in March 2007 to promote quicker recovery of riparian and floodplain vegetation by raising water table. The 2012 SORC Report stated that the assessment of the need to revegetate the areas affected by the side channel openings for these two side channels will occur in the summer of 2012. In RY2012, LADWP conducted the assessment to determine whether rewatering had promoted revegetation in the Reach 4B along these two side channels.

LADWP has concluded that it is not necessary to revegetate the 4Bii and 8-Channel side channel areas. LADWP staff observed establishment and expansion of *Salix* and *Populus* species (willow and cottonwood species respectively) along 4Bii side channel. Rewatering has accomplished increased riparian woody vegetation acreage along 4Bii side channel.

Development and establishment of these species along the 8-Channel has not been as vigorous as observed along 4Bii side channel. At the upper section establishment has been limited to narrowleaf willows along the stream margins. Cottonwood vegetative reproduction near existing trees was observed in the middle section of the 8-Channel, but no new establishment was observed. Near the confluence with Rush Creek woody vegetation has established and expanded vigorously mainly due to the influence of Rush Creek. Near the confluence, Rush Creek becomes braided, and one side channel connects with the 8-Channel before the 8-Channel flows back to Rush Creek.

The limited establishment and expansion along the 8-Channel is mainly due to the losing nature of this reach. Piezometers in the 8-Channel Section have shown a steep decline in the water table a short distance away from the main or side channel. LADWP concludes rewatering can affect only very narrow bands along the side channel, and the potential for natural seedling establishment and growth of existing plants is limited. Revegetating the areas beyond the influence of the 8-Channel is not only unfeasible but also contradicting the concept of “functional and **self-sustaining** stream system” stated in Order 98-05 (emphasis added).

#### 3.2 PARKER AND WALKER CREEKS SEDIMENT BYPASS OPERATION

The sediment bypass operation was not conducted in RY2012 because of the low flow conditions in both Parker and Walker creeks. Parker Creek peaked at 21.9 cfs during the snowmelt period, and Walker Creek peaked at 10.9 cfs. Because of Dry Runoff Year Type, LADWP diverted both creeks while maintaining the minimum flows downstream of the forebay (9 cfs and 6 cfs for Parker and Walker creeks, respectively). These minimum flows were too low to effectively transport fine and coarse sediments out of the forebay.

## 4. SUMMARY

Runoff Year (RY) 2012 was classified as Dry Runoff Year Type. All creeks recorded one of the lowest annual peak daily flows since 1989. Preservation of the peak flow was not required, and the dry year baseflow was maintained at all four tributaries. These lower flow conditions prevented LADWP from implementing the sediment bypass operation at Parker and Walker creeks as well as the Spillway and 5-Siphons flow loss studies. The lower flow condition along with warmer summer conditions resulted in fair to unfavorable water temperature conditions in Walker Creek and Rush Creek below MGORD. The depth to water table in the 8-Channel Section of Rush Creek was higher (deeper water table) than the levels observed in RY2011, but comparable to the levels observed during the baseflow period in RY2010. The winter of RY2012 was the severest since RY2000 in the terms of netAFDD. RY2012 also recorded the above average netAFDD. The above average netAFDD was achieved by one prolonged cold period from December through January. The ice conditions in Lee Vining and Rush creeks would have been much more severe than normal in RY2012. LADWP concludes that revegetation of the Reach 4B of Rush Creek is not necessary because woody vegetation has established and expanded along these two side channels according to each stream's capacity to support the growth of riparian vegetation.



## 5. APPENDIX A: DAILY AVERAGE FLOW

### 5.1 DAILY AVERAGE FLOW AT RUSH CREEK AT DAMSITE (5013)

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 22         | 6/1/2012  | 29         | 8/1/2012  | 67         | 10/1/2012  | 39         | 12/1/2012  | 61         | 2/1/2013  | 39         |
| 4/2/2012  | 21         | 6/2/2012  | 27         | 8/2/2012  | 67         | 10/2/2012  | 38         | 12/2/2012  | 75         | 2/2/2013  | 39         |
| 4/3/2012  | 21         | 6/3/2012  | 27         | 8/3/2012  | 66         | 10/3/2012  | 37         | 12/3/2012  | 73         | 2/3/2013  | 39         |
| 4/4/2012  | 33         | 6/4/2012  | 30         | 8/4/2012  | 67         | 10/4/2012  | 33         | 12/4/2012  | 61         | 2/4/2013  | 39         |
| 4/5/2012  | 41         | 6/5/2012  | 34         | 8/5/2012  | 67         | 10/5/2012  | 23         | 12/5/2012  | 60         | 2/5/2013  | 39         |
| 4/6/2012  | 43         | 6/6/2012  | 31         | 8/6/2012  | 67         | 10/6/2012  | 29         | 12/6/2012  | 61         | 2/6/2013  | 38         |
| 4/7/2012  | 45         | 6/7/2012  | 28         | 8/7/2012  | 61         | 10/7/2012  | 35         | 12/7/2012  | 58         | 2/7/2013  | 38         |
| 4/8/2012  | 45         | 6/8/2012  | 25         | 8/8/2012  | 53         | 10/8/2012  | 37         | 12/8/2012  | 57         | 2/8/2013  | 39         |
| 4/9/2012  | 46         | 6/9/2012  | 23         | 8/9/2012  | 47         | 10/9/2012  | 37         | 12/9/2012  | 56         | 2/9/2013  | 39         |
| 4/10/2012 | 47         | 6/10/2012 | 21         | 8/10/2012 | 45         | 10/10/2012 | 37         | 12/10/2012 | 53         | 2/10/2013 | 38         |
| 4/11/2012 | 48         | 6/11/2012 | 21         | 8/11/2012 | 45         | 10/11/2012 | 38         | 12/11/2012 | 46         | 2/11/2013 | 38         |
| 4/12/2012 | 50         | 6/12/2012 | 20         | 8/12/2012 | 48         | 10/12/2012 | 40         | 12/12/2012 | 44         | 2/12/2013 | 38         |
| 4/13/2012 | 55         | 6/13/2012 | 20         | 8/13/2012 | 48         | 10/13/2012 | 39         | 12/13/2012 | 43         | 2/13/2013 |            |
| 4/14/2012 | 55         | 6/14/2012 | 20         | 8/14/2012 | 52         | 10/14/2012 | 38         | 12/14/2012 | 41         | 2/14/2013 |            |
| 4/15/2012 | 56         | 6/15/2012 | 19         | 8/15/2012 | 54         | 10/15/2012 | 38         | 12/15/2012 | 41         | 2/15/2013 |            |
| 4/16/2012 | 58         | 6/16/2012 | 18         | 8/16/2012 | 36         | 10/16/2012 | 38         | 12/16/2012 | 40         | 2/16/2013 |            |
| 4/17/2012 | 60         | 6/17/2012 | 18         | 8/17/2012 | 29         | 10/17/2012 | 38         | 12/17/2012 | 39         | 2/17/2013 |            |
| 4/18/2012 | 60         | 6/18/2012 | 18         | 8/18/2012 | 25         | 10/18/2012 | 38         | 12/18/2012 | 41         | 2/18/2013 |            |
| 4/19/2012 | 61         | 6/19/2012 | 17         | 8/19/2012 | 27         | 10/19/2012 | 38         | 12/19/2012 | 40         | 2/19/2013 |            |
| 4/20/2012 | 64         | 6/20/2012 | 17         | 8/20/2012 | 26         | 10/20/2012 | 37         | 12/20/2012 | 40         | 2/20/2013 |            |
| 4/21/2012 | 69         | 6/21/2012 | 16         | 8/21/2012 | 25         | 10/21/2012 | 37         | 12/21/2012 | 40         | 2/21/2013 |            |
| 4/22/2012 | 74         | 6/22/2012 | 15         | 8/22/2012 | 25         | 10/22/2012 | 39         | 12/22/2012 | 43         | 2/22/2013 |            |
| 4/23/2012 | 83         | 6/23/2012 | 15         | 8/23/2012 | 25         | 10/23/2012 | 40         | 12/23/2012 | 44         | 2/23/2013 |            |
| 4/24/2012 | 85         | 6/24/2012 | 14         | 8/24/2012 | 24         | 10/24/2012 | 43         | 12/24/2012 | 46         | 2/24/2013 |            |
| 4/25/2012 | 96         | 6/25/2012 | 13         | 8/25/2012 | 23         | 10/25/2012 | 46         | 12/25/2012 | 44         | 2/25/2013 |            |
| 4/26/2012 | 183        | 6/26/2012 | 12         | 8/26/2012 | 22         | 10/26/2012 | 47         | 12/26/2012 | 44         | 2/26/2013 |            |
| 4/27/2012 | 187        | 6/27/2012 | 12         | 8/27/2012 | 22         | 10/27/2012 | 48         | 12/27/2012 | 43         | 2/27/2013 |            |
| 4/28/2012 | 187        | 6/28/2012 | 12         | 8/28/2012 | 28         | 10/28/2012 | 48         | 12/28/2012 | 42         | 2/28/2013 |            |
| 4/29/2012 | 189        | 6/29/2012 | 11         | 8/29/2012 | 34         | 10/29/2012 | 47         | 12/29/2012 | 41         |           |            |
| 4/30/2012 | 191        | 6/30/2012 | 11         | 8/30/2012 | 37         | 10/30/2012 | 47         | 12/30/2012 | 41         |           |            |
|           |            |           |            | 8/31/2012 | 37         | 10/31/2012 | 47         | 12/31/2012 | 40         |           |            |
| 5/1/2012  | 194        | 7/1/2012  | 11         |           |            |            |            |            |            |           |            |
| 5/2/2012  | 195        | 7/2/2012  | 10         | 9/1/2012  | 37         | 11/1/2012  | 47         | 1/1/2013   | 40         |           |            |
| 5/3/2012  | 196        | 7/3/2012  | 10         | 9/2/2012  | 39         | 11/2/2012  | 46         | 1/2/2013   | 40         |           |            |
| 5/4/2012  | 193        | 7/4/2012  | 10         | 9/3/2012  | 41         | 11/3/2012  | 47         | 1/3/2013   | 40         |           |            |
| 5/5/2012  | 188        | 7/5/2012  | 10         | 9/4/2012  | 41         | 11/4/2012  | 47         | 1/4/2013   | 39         |           |            |
| 5/6/2012  | 186        | 7/6/2012  | 11         | 9/5/2012  | 40         | 11/5/2012  | 47         | 1/5/2013   | 40         |           |            |
| 5/7/2012  | 184        | 7/7/2012  | 11         | 9/6/2012  | 44         | 11/6/2012  | 47         | 1/6/2013   | 40         |           |            |
| 5/8/2012  | 183        | 7/8/2012  | 10         | 9/7/2012  | 40         | 11/7/2012  | 47         | 1/7/2013   | 40         |           |            |
| 5/9/2012  | 185        | 7/9/2012  | 10         | 9/8/2012  | 38         | 11/8/2012  | 48         | 1/8/2013   | 40         |           |            |
| 5/10/2012 | 189        | 7/10/2012 | 10         | 9/9/2012  | 37         | 11/9/2012  | 47         | 1/9/2013   | 40         |           |            |
| 5/11/2012 | 192        | 7/11/2012 | 11         | 9/10/2012 | 36         | 11/10/2012 | 46         | 1/10/2013  | 40         |           |            |
| 5/12/2012 | 193        | 7/12/2012 | 11         | 9/11/2012 | 36         | 11/11/2012 | 46         | 1/11/2013  | 39         |           |            |
| 5/13/2012 | 195        | 7/13/2012 | 10         | 9/12/2012 | 37         | 11/12/2012 | 47         | 1/12/2013  | 40         |           |            |
| 5/14/2012 | 197        | 7/14/2012 | 10         | 9/13/2012 | 36         | 11/13/2012 | 47         | 1/13/2013  | 53         |           |            |
| 5/15/2012 | 195        | 7/15/2012 | 9          | 9/14/2012 | 36         | 11/14/2012 | 48         | 1/14/2013  | 58         |           |            |
| 5/16/2012 | 189        | 7/16/2012 | 9          | 9/15/2012 | 36         | 11/15/2012 | 48         | 1/15/2013  | 41         |           |            |
| 5/17/2012 | 109        | 7/17/2012 | 9          | 9/16/2012 | 36         | 11/16/2012 | 48         | 1/16/2013  | 41         |           |            |
| 5/18/2012 | 86         | 7/18/2012 | 8          | 9/17/2012 | 38         | 11/17/2012 | 50         | 1/17/2013  | 40         |           |            |
| 5/19/2012 | 81         | 7/19/2012 | 8          | 9/18/2012 | 39         | 11/18/2012 | 51         | 1/18/2013  | 40         |           |            |
| 5/20/2012 | 79         | 7/20/2012 | 8          | 9/19/2012 | 37         | 11/19/2012 | 48         | 1/19/2013  | 40         |           |            |
| 5/21/2012 | 78         | 7/21/2012 | 8          | 9/20/2012 | 37         | 11/20/2012 | 48         | 1/20/2013  | 46         |           |            |
| 5/22/2012 | 77         | 7/22/2012 | 8          | 9/21/2012 | 39         | 11/21/2012 | 48         | 1/21/2013  | 43         |           |            |
| 5/23/2012 | 75         | 7/23/2012 | 9          | 9/22/2012 | 38         | 11/22/2012 | 48         | 1/22/2013  | 42         |           |            |
| 5/24/2012 | 72         | 7/24/2012 | 32         | 9/23/2012 | 38         | 11/23/2012 | 48         | 1/23/2013  | 40         |           |            |
| 5/25/2012 | 67         | 7/25/2012 | 58         | 9/24/2012 | 37         | 11/24/2012 | 48         | 1/24/2013  | 39         |           |            |
| 5/26/2012 | 64         | 7/26/2012 | 66         | 9/25/2012 | 38         | 11/25/2012 | 48         | 1/25/2013  | 40         |           |            |
| 5/27/2012 | 60         | 7/27/2012 | 67         | 9/26/2012 | 39         | 11/26/2012 | 48         | 1/26/2013  | 40         |           |            |
| 5/28/2012 | 55         | 7/28/2012 | 67         | 9/27/2012 | 39         | 11/27/2012 | 48         | 1/27/2013  | 40         |           |            |
| 5/29/2012 | 41         | 7/29/2012 | 67         | 9/28/2012 | 39         | 11/28/2012 | 50         | 1/28/2013  | 39         |           |            |
| 5/30/2012 | 33         | 7/30/2012 | 67         | 9/29/2012 | 39         | 11/29/2012 | 49         | 1/29/2013  | 39         |           |            |
| 5/31/2012 | 31         | 7/31/2012 | 68         | 9/30/2012 | 39         | 11/30/2012 | 63         | 1/30/2013  | 39         |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 39         |           |            |

## 5.2 DAILY AVERAGE FLOW AT MGORD (5007)

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 39         | 6/1/2012  | 36         | 8/1/2012  | 34         | 10/1/2012  | 34         | 12/1/2012  | 40         | 2/1/2013  | 41         |
| 4/2/2012  | 39         | 6/2/2012  | 36         | 8/2/2012  | 34         | 10/2/2012  | 35         | 12/2/2012  | 40         | 2/2/2013  | 41         |
| 4/3/2012  | 35         | 6/3/2012  | 36         | 8/3/2012  | 34         | 10/3/2012  | 35         | 12/3/2012  | 40         | 2/3/2013  | 41         |
| 4/4/2012  | 32         | 6/4/2012  | 36         | 8/4/2012  | 34         | 10/4/2012  | 34         | 12/4/2012  | 40         | 2/4/2013  | 41         |
| 4/5/2012  | 33         | 6/5/2012  | 36         | 8/5/2012  | 34         | 10/5/2012  | 34         | 12/5/2012  | 40         | 2/5/2013  | 40         |
| 4/6/2012  | 34         | 6/6/2012  | 36         | 8/6/2012  | 34         | 10/6/2012  | 34         | 12/6/2012  | 40         | 2/6/2013  |            |
| 4/7/2012  | 34         | 6/7/2012  | 36         | 8/7/2012  | 34         | 10/7/2012  | 34         | 12/7/2012  | 40         | 2/7/2013  |            |
| 4/8/2012  | 33         | 6/8/2012  | 37         | 8/8/2012  | 34         | 10/8/2012  | 34         | 12/8/2012  | 40         | 2/8/2013  |            |
| 4/9/2012  | 33         | 6/9/2012  | 39         | 8/9/2012  | 34         | 10/9/2012  | 36         | 12/9/2012  | 40         | 2/9/2013  |            |
| 4/10/2012 | 36         | 6/10/2012 | 40         | 8/10/2012 | 34         | 10/10/2012 | 39         | 12/10/2012 | 40         | 2/10/2013 |            |
| 4/11/2012 | 36         | 6/11/2012 | 39         | 8/11/2012 | 34         | 10/11/2012 | 40         | 12/11/2012 | 40         | 2/11/2013 |            |
| 4/12/2012 | 36         | 6/12/2012 | 35         | 8/12/2012 | 34         | 10/12/2012 | 40         | 12/12/2012 | 40         | 2/12/2013 |            |
| 4/13/2012 | 37         | 6/13/2012 | 34         | 8/13/2012 | 34         | 10/13/2012 | 40         | 12/13/2012 | 40         | 2/13/2013 |            |
| 4/14/2012 | 37         | 6/14/2012 | 34         | 8/14/2012 | 33         | 10/14/2012 | 41         | 12/14/2012 | 40         | 2/14/2013 |            |
| 4/15/2012 | 37         | 6/15/2012 | 34         | 8/15/2012 | 33         | 10/15/2012 | 43         | 12/15/2012 | 40         | 2/15/2013 |            |
| 4/16/2012 | 37         | 6/16/2012 | 33         | 8/16/2012 | 33         | 10/16/2012 | 42         | 12/16/2012 | 40         | 2/16/2013 |            |
| 4/17/2012 | 36         | 6/17/2012 | 33         | 8/17/2012 | 33         | 10/17/2012 | 41         | 12/17/2012 | 40         | 2/17/2013 |            |
| 4/18/2012 | 36         | 6/18/2012 | 32         | 8/18/2012 | 33         | 10/18/2012 | 40         | 12/18/2012 | 40         | 2/18/2013 |            |
| 4/19/2012 | 37         | 6/19/2012 | 32         | 8/19/2012 | 34         | 10/19/2012 | 39         | 12/19/2012 | 40         | 2/19/2013 |            |
| 4/20/2012 | 37         | 6/20/2012 | 33         | 8/20/2012 | 34         | 10/20/2012 | 38         | 12/20/2012 | 40         | 2/20/2013 |            |
| 4/21/2012 | 37         | 6/21/2012 | 33         | 8/21/2012 | 33         | 10/21/2012 | 38         | 12/21/2012 | 40         | 2/21/2013 |            |
| 4/22/2012 | 37         | 6/22/2012 | 32         | 8/22/2012 | 34         | 10/22/2012 | 38         | 12/22/2012 | 40         | 2/22/2013 |            |
| 4/23/2012 | 36         | 6/23/2012 | 32         | 8/23/2012 | 34         | 10/23/2012 | 38         | 12/23/2012 | 40         | 2/23/2013 |            |
| 4/24/2012 | 37         | 6/24/2012 | 32         | 8/24/2012 | 34         | 10/24/2012 | 37         | 12/24/2012 | 40         | 2/24/2013 |            |
| 4/25/2012 | 37         | 6/25/2012 | 32         | 8/25/2012 | 33         | 10/25/2012 | 37         | 12/25/2012 | 40         | 2/25/2013 |            |
| 4/26/2012 | 40         | 6/26/2012 | 32         | 8/26/2012 | 33         | 10/26/2012 | 38         | 12/26/2012 | 40         | 2/26/2013 |            |
| 4/27/2012 | 40         | 6/27/2012 | 32         | 8/27/2012 | 33         | 10/27/2012 | 38         | 12/27/2012 | 40         | 2/27/2013 |            |
| 4/28/2012 | 38         | 6/28/2012 | 32         | 8/28/2012 | 33         | 10/28/2012 | 38         | 12/28/2012 | 40         | 2/28/2013 |            |
| 4/29/2012 | 37         | 6/29/2012 | 32         | 8/29/2012 | 33         | 10/29/2012 | 38         | 12/29/2012 | 40         |           |            |
| 4/30/2012 | 36         | 6/30/2012 | 32         | 8/30/2012 | 33         | 10/30/2012 | 38         | 12/30/2012 | 41         |           |            |
|           |            |           |            | 8/31/2012 | 34         | 10/31/2012 | 38         | 12/31/2012 | 41         |           |            |
| 5/1/2012  | 36         | 7/1/2012  | 32         |           |            |            |            |            |            |           |            |
| 5/2/2012  | 36         | 7/2/2012  | 32         | 9/1/2012  | 33         | 11/1/2012  | 37         | 1/1/2013   | 40         |           |            |
| 5/3/2012  | 36         | 7/3/2012  | 32         | 9/2/2012  | 33         | 11/2/2012  | 37         | 1/2/2013   | 40         |           |            |
| 5/4/2012  | 36         | 7/4/2012  | 32         | 9/3/2012  | 33         | 11/3/2012  | 37         | 1/3/2013   | 40         |           |            |
| 5/5/2012  | 36         | 7/5/2012  | 34         | 9/4/2012  | 33         | 11/4/2012  | 37         | 1/4/2013   | 40         |           |            |
| 5/6/2012  | 36         | 7/6/2012  | 34         | 9/5/2012  | 34         | 11/5/2012  | 37         | 1/5/2013   | 40         |           |            |
| 5/7/2012  | 36         | 7/7/2012  | 34         | 9/6/2012  | 34         | 11/6/2012  | 37         | 1/6/2013   | 40         |           |            |
| 5/8/2012  | 36         | 7/8/2012  | 34         | 9/7/2012  | 35         | 11/7/2012  | 37         | 1/7/2013   | 40         |           |            |
| 5/9/2012  | 36         | 7/9/2012  | 34         | 9/8/2012  | 34         | 11/8/2012  | 38         | 1/8/2013   | 40         |           |            |
| 5/10/2012 | 36         | 7/10/2012 | 34         | 9/9/2012  | 35         | 11/9/2012  | 38         | 1/9/2013   | 40         |           |            |
| 5/11/2012 | 36         | 7/11/2012 | 34         | 9/10/2012 | 34         | 11/10/2012 | 37         | 1/10/2013  | 40         |           |            |
| 5/12/2012 | 36         | 7/12/2012 | 34         | 9/11/2012 | 35         | 11/11/2012 | 38         | 1/11/2013  | 40         |           |            |
| 5/13/2012 | 37         | 7/13/2012 | 34         | 9/12/2012 | 35         | 11/12/2012 | 37         | 1/12/2013  | 40         |           |            |
| 5/14/2012 | 37         | 7/14/2012 | 34         | 9/13/2012 | 35         | 11/13/2012 | 37         | 1/13/2013  | 40         |           |            |
| 5/15/2012 | 36         | 7/15/2012 | 34         | 9/14/2012 | 35         | 11/14/2012 | 38         | 1/14/2013  | 40         |           |            |
| 5/16/2012 | 36         | 7/16/2012 | 33         | 9/15/2012 | 35         | 11/15/2012 | 37         | 1/15/2013  | 40         |           |            |
| 5/17/2012 | 38         | 7/17/2012 | 33         | 9/16/2012 | 35         | 11/16/2012 | 37         | 1/16/2013  | 40         |           |            |
| 5/18/2012 | 38         | 7/18/2012 | 33         | 9/17/2012 | 35         | 11/17/2012 | 38         | 1/17/2013  | 40         |           |            |
| 5/19/2012 | 37         | 7/19/2012 | 33         | 9/18/2012 | 35         | 11/18/2012 | 39         | 1/18/2013  | 40         |           |            |
| 5/20/2012 | 37         | 7/20/2012 | 33         | 9/19/2012 | 34         | 11/19/2012 | 39         | 1/19/2013  | 40         |           |            |
| 5/21/2012 | 37         | 7/21/2012 | 33         | 9/20/2012 | 34         | 11/20/2012 | 39         | 1/20/2013  | 40         |           |            |
| 5/22/2012 | 37         | 7/22/2012 | 33         | 9/21/2012 | 35         | 11/21/2012 | 39         | 1/21/2013  | 40         |           |            |
| 5/23/2012 | 37         | 7/23/2012 | 33         | 9/22/2012 | 34         | 11/22/2012 | 39         | 1/22/2013  | 40         |           |            |
| 5/24/2012 | 37         | 7/24/2012 | 33         | 9/23/2012 | 34         | 11/23/2012 | 39         | 1/23/2013  | 40         |           |            |
| 5/25/2012 | 37         | 7/25/2012 | 33         | 9/24/2012 | 34         | 11/24/2012 | 39         | 1/24/2013  | 40         |           |            |
| 5/26/2012 | 37         | 7/26/2012 | 33         | 9/25/2012 | 34         | 11/25/2012 | 39         | 1/25/2013  | 40         |           |            |
| 5/27/2012 | 37         | 7/27/2012 | 33         | 9/26/2012 | 34         | 11/26/2012 | 39         | 1/26/2013  | 40         |           |            |
| 5/28/2012 | 37         | 7/28/2012 | 33         | 9/27/2012 | 34         | 11/27/2012 | 39         | 1/27/2013  | 40         |           |            |
| 5/29/2012 | 37         | 7/29/2012 | 33         | 9/28/2012 | 34         | 11/28/2012 | 39         | 1/28/2013  | 40         |           |            |
| 5/30/2012 | 37         | 7/30/2012 | 33         | 9/29/2012 | 34         | 11/29/2012 | 39         | 1/29/2013  | 40         |           |            |
| 5/31/2012 | 36         | 7/31/2012 | 33         | 9/30/2012 | 34         | 11/30/2012 | 40         | 1/30/2013  | 40         |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 41         |           |            |

### 5.3 DAILY AVERAGE FLOW AT RUSH CREEK BELOW THE NARROWS

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 46         | 6/1/2012  | 56         | 8/1/2012  | 45         | 10/1/2012  | 41         | 12/1/2012  | 46         | 2/1/2013  | 47         |
| 4/2/2012  | 45         | 6/2/2012  | 58         | 8/2/2012  | 46         | 10/2/2012  | 41         | 12/2/2012  | 50         | 2/2/2013  | 47         |
| 4/3/2012  | 42         | 6/3/2012  | 58         | 8/3/2012  | 46         | 10/3/2012  | 41         | 12/3/2012  | 48         | 2/3/2013  | 47         |
| 4/4/2012  | 39         | 6/4/2012  | 60         | 8/4/2012  | 46         | 10/4/2012  | 40         | 12/4/2012  | 47         | 2/4/2013  | 47         |
| 4/5/2012  | 40         | 6/5/2012  | 57         | 8/5/2012  | 47         | 10/5/2012  | 40         | 12/5/2012  | 47         | 2/5/2013  | 46         |
| 4/6/2012  | 40         | 6/6/2012  | 57         | 8/6/2012  | 48         | 10/6/2012  | 39         | 12/6/2012  | 46         | 2/6/2013  |            |
| 4/7/2012  | 40         | 6/7/2012  | 56         | 8/7/2012  | 47         | 10/7/2012  | 40         | 12/7/2012  | 46         | 2/7/2013  |            |
| 4/8/2012  | 40         | 6/8/2012  | 55         | 8/8/2012  | 47         | 10/8/2012  | 40         | 12/8/2012  | 46         | 2/8/2013  |            |
| 4/9/2012  | 39         | 6/9/2012  | 56         | 8/9/2012  | 48         | 10/9/2012  | 42         | 12/9/2012  | 46         | 2/9/2013  |            |
| 4/10/2012 | 43         | 6/10/2012 | 56         | 8/10/2012 | 49         | 10/10/2012 | 44         | 12/10/2012 | 46         | 2/10/2013 |            |
| 4/11/2012 | 42         | 6/11/2012 | 54         | 8/11/2012 | 49         | 10/11/2012 | 46         | 12/11/2012 | 46         | 2/11/2013 |            |
| 4/12/2012 | 42         | 6/12/2012 | 51         | 8/12/2012 | 50         | 10/12/2012 | 47         | 12/12/2012 | 46         | 2/12/2013 |            |
| 4/13/2012 | 44         | 6/13/2012 | 50         | 8/13/2012 | 49         | 10/13/2012 | 46         | 12/13/2012 | 46         | 2/13/2013 |            |
| 4/14/2012 | 44         | 6/14/2012 | 52         | 8/14/2012 | 50         | 10/14/2012 | 47         | 12/14/2012 | 45         | 2/14/2013 |            |
| 4/15/2012 | 44         | 6/15/2012 | 52         | 8/15/2012 | 53         | 10/15/2012 | 48         | 12/15/2012 | 46         | 2/15/2013 |            |
| 4/16/2012 | 44         | 6/16/2012 | 53         | 8/16/2012 | 51         | 10/16/2012 | 47         | 12/16/2012 | 46         | 2/16/2013 |            |
| 4/17/2012 | 43         | 6/17/2012 | 53         | 8/17/2012 | 49         | 10/17/2012 | 46         | 12/17/2012 | 46         | 2/17/2013 |            |
| 4/18/2012 | 43         | 6/18/2012 | 52         | 8/18/2012 | 51         | 10/18/2012 | 46         | 12/18/2012 | 46         | 2/18/2013 |            |
| 4/19/2012 | 43         | 6/19/2012 | 50         | 8/19/2012 | 56         | 10/19/2012 | 44         | 12/19/2012 | 46         | 2/19/2013 |            |
| 4/20/2012 | 44         | 6/20/2012 | 49         | 8/20/2012 | 50         | 10/20/2012 | 43         | 12/20/2012 | 46         | 2/20/2013 |            |
| 4/21/2012 | 45         | 6/21/2012 | 50         | 8/21/2012 | 50         | 10/21/2012 | 43         | 12/21/2012 | 45         | 2/21/2013 |            |
| 4/22/2012 | 47         | 6/22/2012 | 50         | 8/22/2012 | 51         | 10/22/2012 | 43         | 12/22/2012 | 47         | 2/22/2013 |            |
| 4/23/2012 | 52         | 6/23/2012 | 48         | 8/23/2012 | 50         | 10/23/2012 | 43         | 12/23/2012 | 47         | 2/23/2013 |            |
| 4/24/2012 | 58         | 6/24/2012 | 45         | 8/24/2012 | 50         | 10/24/2012 | 43         | 12/24/2012 | 48         | 2/24/2013 |            |
| 4/25/2012 | 60         | 6/25/2012 | 46         | 8/25/2012 | 49         | 10/25/2012 | 42         | 12/25/2012 | 47         | 2/25/2013 |            |
| 4/26/2012 | 64         | 6/26/2012 | 46         | 8/26/2012 | 49         | 10/26/2012 | 43         | 12/26/2012 | 48         | 2/26/2013 |            |
| 4/27/2012 | 58         | 6/27/2012 | 46         | 8/27/2012 | 47         | 10/27/2012 | 43         | 12/27/2012 | 47         | 2/27/2013 |            |
| 4/28/2012 | 55         | 6/28/2012 | 46         | 8/28/2012 | 46         | 10/28/2012 | 43         | 12/28/2012 | 46         | 2/28/2013 |            |
| 4/29/2012 | 53         | 6/29/2012 | 46         | 8/29/2012 | 45         | 10/29/2012 | 43         | 12/29/2012 | 46         |           |            |
| 4/30/2012 | 51         | 6/30/2012 | 46         | 8/30/2012 | 45         | 10/30/2012 | 43         | 12/30/2012 | 47         | 3/1/2013  |            |
|           |            |           |            | 8/31/2012 | 44         | 10/31/2012 | 43         | 12/31/2012 | 46         | 3/2/2013  |            |
| 5/1/2012  | 51         | 7/1/2012  | 47         |           |            |            |            |            |            | 3/3/2013  |            |
| 5/2/2012  | 51         | 7/2/2012  | 47         | 9/1/2012  | 44         | 11/1/2012  | 42         | 1/1/2013   | 46         | 3/4/2013  |            |
| 5/3/2012  | 52         | 7/3/2012  | 46         | 9/2/2012  | 44         | 11/2/2012  | 42         | 1/2/2013   | 45         | 3/5/2013  |            |
| 5/4/2012  | 52         | 7/4/2012  | 46         | 9/3/2012  | 43         | 11/3/2012  | 42         | 1/3/2013   | 46         | 3/6/2013  |            |
| 5/5/2012  | 51         | 7/5/2012  | 46         | 9/4/2012  | 43         | 11/4/2012  | 42         | 1/4/2013   | 46         | 3/7/2013  |            |
| 5/6/2012  | 50         | 7/6/2012  | 47         | 9/5/2012  | 43         | 11/5/2012  | 43         | 1/5/2013   | 46         | 3/8/2013  |            |
| 5/7/2012  | 50         | 7/7/2012  | 47         | 9/6/2012  | 44         | 11/6/2012  | 43         | 1/6/2013   | 46         | 3/9/2013  |            |
| 5/8/2012  | 49         | 7/8/2012  | 47         | 9/7/2012  | 44         | 11/7/2012  | 43         | 1/7/2013   | 45         | 3/10/2013 |            |
| 5/9/2012  | 49         | 7/9/2012  | 48         | 9/8/2012  | 44         | 11/8/2012  | 43         | 1/8/2013   | 45         | 3/11/2013 |            |
| 5/10/2012 | 49         | 7/10/2012 | 49         | 9/9/2012  | 44         | 11/9/2012  | 43         | 1/9/2013   | 45         | 3/12/2013 |            |
| 5/11/2012 | 52         | 7/11/2012 | 49         | 9/10/2012 | 44         | 11/10/2012 | 42         | 1/10/2013  | 45         | 3/13/2013 |            |
| 5/12/2012 | 55         | 7/12/2012 | 48         | 9/11/2012 | 45         | 11/11/2012 | 41         | 1/11/2013  | 45         | 3/14/2013 |            |
| 5/13/2012 | 56         | 7/13/2012 | 47         | 9/12/2012 | 45         | 11/12/2012 | 42         | 1/12/2013  | 45         | 3/15/2013 |            |
| 5/14/2012 | 57         | 7/14/2012 | 48         | 9/13/2012 | 44         | 11/13/2012 | 42         | 1/13/2013  | 45         | 3/16/2013 |            |
| 5/15/2012 | 53         | 7/15/2012 | 47         | 9/14/2012 | 44         | 11/14/2012 | 42         | 1/14/2013  | 44         | 3/17/2013 |            |
| 5/16/2012 | 54         | 7/16/2012 | 46         | 9/15/2012 | 43         | 11/15/2012 | 42         | 1/15/2013  | 46         | 3/18/2013 |            |
| 5/17/2012 | 56         | 7/17/2012 | 46         | 9/16/2012 | 43         | 11/16/2012 | 42         | 1/16/2013  | 47         | 3/19/2013 |            |
| 5/18/2012 | 56         | 7/18/2012 | 46         | 9/17/2012 | 42         | 11/17/2012 | 43         | 1/17/2013  | 45         | 3/20/2013 |            |
| 5/19/2012 | 54         | 7/19/2012 | 45         | 9/18/2012 | 42         | 11/18/2012 | 45         | 1/18/2013  | 45         | 3/21/2013 |            |
| 5/20/2012 | 54         | 7/20/2012 | 44         | 9/19/2012 | 41         | 11/19/2012 | 44         | 1/19/2013  | 44         | 3/22/2013 |            |
| 5/21/2012 | 56         | 7/21/2012 | 45         | 9/20/2012 | 42         | 11/20/2012 | 44         | 1/20/2013  | 45         | 3/23/2013 |            |
| 5/22/2012 | 57         | 7/22/2012 | 46         | 9/21/2012 | 42         | 11/21/2012 | 45         | 1/21/2013  | 45         | 3/24/2013 |            |
| 5/23/2012 | 55         | 7/23/2012 | 48         | 9/22/2012 | 41         | 11/22/2012 | 43         | 1/22/2013  | 47         | 3/25/2013 |            |
| 5/24/2012 | 54         | 7/24/2012 | 49         | 9/23/2012 | 41         | 11/23/2012 | 43         | 1/23/2013  | 48         | 3/26/2013 |            |
| 5/25/2012 | 55         | 7/25/2012 | 48         | 9/24/2012 | 40         | 11/24/2012 | 44         | 1/24/2013  | 48         | 3/27/2013 |            |
| 5/26/2012 | 54         | 7/26/2012 | 46         | 9/25/2012 | 39         | 11/25/2012 | 44         | 1/25/2013  | 48         | 3/28/2013 |            |
| 5/27/2012 | 53         | 7/27/2012 | 45         | 9/26/2012 | 40         | 11/26/2012 | 44         | 1/26/2013  | 47         | 3/29/2013 |            |
| 5/28/2012 | 53         | 7/28/2012 | 45         | 9/27/2012 | 40         | 11/27/2012 | 44         | 1/27/2013  | 46         | 3/30/2013 |            |
| 5/29/2012 | 51         | 7/29/2012 | 45         | 9/28/2012 | 40         | 11/28/2012 | 44         | 1/28/2013  | 46         | 3/31/2013 |            |
| 5/30/2012 | 51         | 7/30/2012 | 44         | 9/29/2012 | 40         | 11/29/2012 | 44         | 1/29/2013  | 46         |           |            |
| 5/31/2012 | 53         | 7/31/2012 | 45         | 9/30/2012 | 41         | 11/30/2012 | 47         | 1/30/2013  | 46         |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 47         |           |            |

**5.4 DAILY AVERAGE FLOW AT PARKER CREEK ABOVE CONDUIT (5017)**

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 3.8        | 6/1/2012  | 13.9       | 8/1/2012  | 10.0       | 10/1/2012  | 5.0        | 12/1/2012  | 3.9        | 2/1/2013  | 3.6        |
| 4/2/2012  | 3.9        | 6/2/2012  | 18.8       | 8/2/2012  | 10.6       | 10/2/2012  | 4.9        | 12/2/2012  | 5.2        | 2/2/2013  | 3.6        |
| 4/3/2012  | 4.0        | 6/3/2012  | 20.7       | 8/3/2012  | 10.7       | 10/3/2012  | 4.6        | 12/3/2012  | 3.9        | 2/3/2013  | 3.6        |
| 4/4/2012  | 4.1        | 6/4/2012  | 21.9       | 8/4/2012  | 10.4       | 10/4/2012  | 4.5        | 12/4/2012  | 3.5        | 2/4/2013  | 3.6        |
| 4/5/2012  | 4.1        | 6/5/2012  | 19.6       | 8/5/2012  | 11.0       | 10/5/2012  | 4.5        | 12/5/2012  | 3.9        | 2/5/2013  | 3.5        |
| 4/6/2012  | 4.3        | 6/6/2012  | 16.5       | 8/6/2012  | 11.5       | 10/6/2012  | 4.4        | 12/6/2012  | 3.6        | 2/6/2013  |            |
| 4/7/2012  | 4.3        | 6/7/2012  | 14.1       | 8/7/2012  | 11.3       | 10/7/2012  | 4.4        | 12/7/2012  | 3.6        | 2/7/2013  |            |
| 4/8/2012  | 4.2        | 6/8/2012  | 13.6       | 8/8/2012  | 11.3       | 10/8/2012  | 4.4        | 12/8/2012  | 3.9        | 2/8/2013  |            |
| 4/9/2012  | 4.1        | 6/9/2012  | 14.4       | 8/9/2012  | 12.0       | 10/9/2012  | 4.2        | 12/9/2012  | 3.8        | 2/9/2013  |            |
| 4/10/2012 | 4.2        | 6/10/2012 | 14.1       | 8/10/2012 | 13.0       | 10/10/2012 | 4.2        | 12/10/2012 | 3.8        | 2/10/2013 |            |
| 4/11/2012 | 4.1        | 6/11/2012 | 13.0       | 8/11/2012 | 13.4       | 10/11/2012 | 4.5        | 12/11/2012 | 3.9        | 2/11/2013 |            |
| 4/12/2012 | 4.2        | 6/12/2012 | 12.8       | 8/12/2012 | 13.0       | 10/12/2012 | 4.6        | 12/12/2012 | 3.9        | 2/12/2013 |            |
| 4/13/2012 | 4.8        | 6/13/2012 | 14.0       | 8/13/2012 | 12.8       | 10/13/2012 | 4.2        | 12/13/2012 | 3.9        | 2/13/2013 |            |
| 4/14/2012 | 4.5        | 6/14/2012 | 16.0       | 8/14/2012 | 14.7       | 10/14/2012 | 4.0        | 12/14/2012 | 3.4        | 2/14/2013 |            |
| 4/15/2012 | 4.5        | 6/15/2012 | 17.9       | 8/15/2012 | 17.4       | 10/15/2012 | 4.0        | 12/15/2012 | 4.0        | 2/15/2013 |            |
| 4/16/2012 | 4.4        | 6/16/2012 | 18.3       | 8/16/2012 | 16.1       | 10/16/2012 | 3.9        | 12/16/2012 | 4.6        | 2/16/2013 |            |
| 4/17/2012 | 4.3        | 6/17/2012 | 18.4       | 8/17/2012 | 14.1       | 10/17/2012 | 3.7        | 12/17/2012 | 3.8        | 2/17/2013 |            |
| 4/18/2012 | 4.3        | 6/18/2012 | 19.1       | 8/18/2012 | 15.5       | 10/18/2012 | 3.8        | 12/18/2012 | 3.5        | 2/18/2013 |            |
| 4/19/2012 | 4.3        | 6/19/2012 | 19.0       | 8/19/2012 | 29.2       | 10/19/2012 | 3.8        | 12/19/2012 | 3.2        | 2/19/2013 |            |
| 4/20/2012 | 4.5        | 6/20/2012 | 17.0       | 8/20/2012 | 22.7       | 10/20/2012 | 3.7        | 12/20/2012 | 3.7        | 2/20/2013 |            |
| 4/21/2012 | 4.7        | 6/21/2012 | 16.6       | 8/21/2012 | 18.7       | 10/21/2012 | 3.6        | 12/21/2012 | 3.7        | 2/21/2013 |            |
| 4/22/2012 | 5.5        | 6/22/2012 | 17.0       | 8/22/2012 | 16.8       | 10/22/2012 | 3.7        | 12/22/2012 | 3.9        | 2/22/2013 |            |
| 4/23/2012 | 7.5        | 6/23/2012 | 15.6       | 8/23/2012 | 15.6       | 10/23/2012 | 3.6        | 12/23/2012 | 3.8        | 2/23/2013 |            |
| 4/24/2012 | 12.2       | 6/24/2012 | 13.7       | 8/24/2012 | 13.9       | 10/24/2012 | 3.5        | 12/24/2012 | 4.5        | 2/24/2013 |            |
| 4/25/2012 | 13.8       | 6/25/2012 | 12.0       | 8/25/2012 | 13.1       | 10/25/2012 | 3.4        | 12/25/2012 | 3.5        | 2/25/2013 |            |
| 4/26/2012 | 15.2       | 6/26/2012 | 11.1       | 8/26/2012 | 12.5       | 10/26/2012 | 3.5        | 12/26/2012 | 3.8        | 2/26/2013 |            |
| 4/27/2012 | 9.0        | 6/27/2012 | 11.3       | 8/27/2012 | 11.4       | 10/27/2012 | 3.6        | 12/27/2012 | 3.4        | 2/27/2013 |            |
| 4/28/2012 | 9.0        | 6/28/2012 | 11.6       | 8/28/2012 | 10.2       | 10/28/2012 | 3.7        | 12/28/2012 | 2.5        | 2/28/2013 |            |
| 4/29/2012 | 8.6        | 6/29/2012 | 11.6       | 8/29/2012 | 9.2        | 10/29/2012 | 3.7        | 12/29/2012 | 2.4        |           |            |
| 4/30/2012 | 8.2        | 6/30/2012 | 12.2       | 8/30/2012 | 8.7        | 10/30/2012 | 3.7        | 12/30/2012 | 2.9        | 3/1/2013  |            |
|           |            |           |            | 8/31/2012 | 8.6        | 10/31/2012 | 3.4        | 12/31/2012 | 2.8        | 3/2/2013  |            |
| 5/1/2012  | 8.6        | 7/1/2012  | 13.2       |           |            |            |            |            |            | 3/3/2013  |            |
| 5/2/2012  | 9.3        | 7/2/2012  | 14.4       | 9/1/2012  | 8.8        | 11/1/2012  | 3.4        | 1/1/2013   | 2.7        | 3/4/2013  |            |
| 5/3/2012  | 9.8        | 7/3/2012  | 15.5       | 9/2/2012  | 8.6        | 11/2/2012  | 3.5        | 1/2/2013   | 2.8        | 3/5/2013  |            |
| 5/4/2012  | 10.1       | 7/4/2012  | 16.7       | 9/3/2012  | 8.0        | 11/3/2012  | 3.5        | 1/3/2013   | 3.2        | 3/6/2013  |            |
| 5/5/2012  | 10.6       | 7/5/2012  | 15.9       | 9/4/2012  | 7.5        | 11/4/2012  | 3.6        | 1/4/2013   | 3.5        | 3/7/2013  |            |
| 5/6/2012  | 11.0       | 7/6/2012  | 15.2       | 9/5/2012  | 7.2        | 11/5/2012  | 3.6        | 1/5/2013   | 3.1        | 3/8/2013  |            |
| 5/7/2012  | 11.4       | 7/7/2012  | 14.8       | 9/6/2012  | 7.4        | 11/6/2012  | 3.5        | 1/6/2013   | 3.3        | 3/9/2013  |            |
| 5/8/2012  | 11.8       | 7/8/2012  | 15.0       | 9/7/2012  | 7.7        | 11/7/2012  | 3.5        | 1/7/2013   | 3.3        | 3/10/2013 |            |
| 5/9/2012  | 12.3       | 7/9/2012  | 15.6       | 9/8/2012  | 7.6        | 11/8/2012  | 3.2        | 1/8/2013   | 3.2        | 3/11/2013 |            |
| 5/10/2012 | 12.7       | 7/10/2012 | 16.6       | 9/9/2012  | 7.5        | 11/9/2012  | 3.2        | 1/9/2013   | 3.2        | 3/12/2013 |            |
| 5/11/2012 | 13.1       | 7/11/2012 | 17.7       | 9/10/2012 | 7.9        | 11/10/2012 | 3.2        | 1/10/2013  | 3.1        | 3/13/2013 |            |
| 5/12/2012 | 13.6       | 7/12/2012 | 18.4       | 9/11/2012 | 8.6        | 11/11/2012 | 3.3        | 1/11/2013  | 3.3        | 3/14/2013 |            |
| 5/13/2012 | 14.0       | 7/13/2012 | 17.7       | 9/12/2012 | 8.2        | 11/12/2012 | 3.6        | 1/12/2013  | 3.1        | 3/15/2013 |            |
| 5/14/2012 | 14.5       | 7/14/2012 | 17.4       | 9/13/2012 | 7.4        | 11/13/2012 | 3.3        | 1/13/2013  | 2.6        | 3/16/2013 |            |
| 5/15/2012 | 15.0       | 7/15/2012 | 15.9       | 9/14/2012 | 6.7        | 11/14/2012 | 3.3        | 1/14/2013  | 2.3        | 3/17/2013 |            |
| 5/16/2012 | 15.4       | 7/16/2012 | 14.5       | 9/15/2012 | 6.2        | 11/15/2012 | 3.2        | 1/15/2013  | 3.4        | 3/18/2013 |            |
| 5/17/2012 | 15.9       | 7/17/2012 | 12.8       | 9/16/2012 | 5.7        | 11/16/2012 | 3.3        | 1/16/2013  | 4.3        | 3/19/2013 |            |
| 5/18/2012 | 16.4       | 7/18/2012 | 11.4       | 9/17/2012 | 5.4        | 11/17/2012 | 3.3        | 1/17/2013  | 2.7        | 3/20/2013 |            |
| 5/19/2012 | 16.9       | 7/19/2012 | 10.5       | 9/18/2012 | 5.4        | 11/18/2012 | 3.3        | 1/18/2013  | 2.5        | 3/21/2013 |            |
| 5/20/2012 | 17.4       | 7/20/2012 | 9.2        | 9/19/2012 | 5.1        | 11/19/2012 | 3.2        | 1/19/2013  | 2.0        | 3/22/2013 |            |
| 5/21/2012 | 17.9       | 7/21/2012 | 9.9        | 9/20/2012 | 5.0        | 11/20/2012 | 3.2        | 1/20/2013  | 2.7        | 3/23/2013 |            |
| 5/22/2012 | 18.5       | 7/22/2012 | 11.1       | 9/21/2012 | 4.9        | 11/21/2012 | 3.2        | 1/21/2013  | 3.6        | 3/24/2013 |            |
| 5/23/2012 | 19.6       | 7/23/2012 | 12.9       | 9/22/2012 | 4.7        | 11/22/2012 | 3.1        | 1/22/2013  | 5.7        | 3/25/2013 |            |
| 5/24/2012 | 18.6       | 7/24/2012 | 14.2       | 9/23/2012 | 4.7        | 11/23/2012 | 3.1        | 1/23/2013  | 5.7        | 3/26/2013 |            |
| 5/25/2012 | 15.8       | 7/25/2012 | 13.1       | 9/24/2012 | 4.0        | 11/24/2012 | 3.2        | 1/24/2013  | 5.7        | 3/27/2013 |            |
| 5/26/2012 | 13.3       | 7/26/2012 | 11.8       | 9/25/2012 | 4.0        | 11/25/2012 | 3.2        | 1/25/2013  | 5.6        | 3/28/2013 |            |
| 5/27/2012 | 11.2       | 7/27/2012 | 10.8       | 9/26/2012 | 5.6        | 11/26/2012 | 3.2        | 1/26/2013  | 5.0        | 3/29/2013 |            |
| 5/28/2012 | 10.1       | 7/28/2012 | 10.3       | 9/27/2012 | 5.5        | 11/27/2012 | 3.2        | 1/27/2013  | 3.9        | 3/30/2013 |            |
| 5/29/2012 | 9.4        | 7/29/2012 | 10.1       | 9/28/2012 | 5.3        | 11/28/2012 | 3.3        | 1/28/2013  | 3.6        | 3/31/2013 |            |
| 5/30/2012 | 9.4        | 7/30/2012 | 9.8        | 9/29/2012 | 5.1        | 11/29/2012 | 3.2        | 1/29/2013  | 3.8        |           |            |
| 5/31/2012 | 10.4       | 7/31/2012 | 9.6        | 9/30/2012 | 4.9        | 11/30/2012 | 4.4        | 1/30/2013  | 3.8        |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 3.7        |           |            |

### 5.5 DAILY AVERAGE FLOW AT PARKER CREEK BELOW CONDUIT (5003)

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 3.7        | 6/1/2012  | 13.6       | 8/1/2012  | 9.8        | 10/1/2012  | 4.9        | 12/1/2012  | 3.8        | 2/1/2013  | 3.5        |
| 4/2/2012  | 3.8        | 6/2/2012  | 15.4       | 8/2/2012  | 10.4       | 10/2/2012  | 4.8        | 12/2/2012  | 5.1        | 2/2/2013  | 3.5        |
| 4/3/2012  | 3.9        | 6/3/2012  | 14.6       | 8/3/2012  | 10.5       | 10/3/2012  | 4.5        | 12/3/2012  | 3.8        | 2/3/2013  | 3.5        |
| 4/4/2012  | 4.0        | 6/4/2012  | 15.8       | 8/4/2012  | 10.4       | 10/4/2012  | 4.4        | 12/4/2012  | 3.4        | 2/4/2013  | 3.5        |
| 4/5/2012  | 4.0        | 6/5/2012  | 13.8       | 8/5/2012  | 10.8       | 10/5/2012  | 4.4        | 12/5/2012  | 3.8        | 2/5/2013  | 3.4        |
| 4/6/2012  | 4.2        | 6/6/2012  | 13.0       | 8/6/2012  | 11.5       | 10/6/2012  | 4.3        | 12/6/2012  | 3.5        | 2/6/2013  |            |
| 4/7/2012  | 4.2        | 6/7/2012  | 12.1       | 8/7/2012  | 11.3       | 10/7/2012  | 4.3        | 12/7/2012  | 3.5        | 2/7/2013  |            |
| 4/8/2012  | 4.1        | 6/8/2012  | 10.9       | 8/8/2012  | 11.3       | 10/8/2012  | 4.3        | 12/8/2012  | 3.8        | 2/8/2013  |            |
| 4/9/2012  | 4.0        | 6/9/2012  | 11.7       | 8/9/2012  | 11.8       | 10/9/2012  | 4.1        | 12/9/2012  | 3.7        | 2/9/2013  |            |
| 4/10/2012 | 4.2        | 6/10/2012 | 11.5       | 8/10/2012 | 12.8       | 10/10/2012 | 4.1        | 12/10/2012 | 3.7        | 2/10/2013 |            |
| 4/11/2012 | 4.1        | 6/11/2012 | 10.5       | 8/11/2012 | 13.2       | 10/11/2012 | 4.4        | 12/11/2012 | 3.8        | 2/11/2013 |            |
| 4/12/2012 | 4.2        | 6/12/2012 | 10.3       | 8/12/2012 | 12.9       | 10/12/2012 | 4.5        | 12/12/2012 | 3.8        | 2/12/2013 |            |
| 4/13/2012 | 4.8        | 6/13/2012 | 11.6       | 8/13/2012 | 12.6       | 10/13/2012 | 4.1        | 12/13/2012 | 3.8        | 2/13/2013 |            |
| 4/14/2012 | 4.5        | 6/14/2012 | 13.0       | 8/14/2012 | 14.4       | 10/14/2012 | 3.9        | 12/14/2012 | 3.3        | 2/14/2013 |            |
| 4/15/2012 | 4.5        | 6/15/2012 | 14.2       | 8/15/2012 | 16.7       | 10/15/2012 | 3.9        | 12/15/2012 | 3.9        | 2/15/2013 |            |
| 4/16/2012 | 4.4        | 6/16/2012 | 14.5       | 8/16/2012 | 15.2       | 10/16/2012 | 3.8        | 12/16/2012 | 4.5        | 2/16/2013 |            |
| 4/17/2012 | 4.3        | 6/17/2012 | 14.8       | 8/17/2012 | 13.2       | 10/17/2012 | 3.6        | 12/17/2012 | 3.7        | 2/17/2013 |            |
| 4/18/2012 | 4.3        | 6/18/2012 | 15.1       | 8/18/2012 | 14.6       | 10/18/2012 | 3.7        | 12/18/2012 | 3.4        | 2/18/2013 |            |
| 4/19/2012 | 4.3        | 6/19/2012 | 14.1       | 8/19/2012 | 18.8       | 10/19/2012 | 3.7        | 12/19/2012 | 3.1        | 2/19/2013 |            |
| 4/20/2012 | 4.5        | 6/20/2012 | 13.3       | 8/20/2012 | 12.4       | 10/20/2012 | 3.6        | 12/20/2012 | 3.6        | 2/20/2013 |            |
| 4/21/2012 | 4.7        | 6/21/2012 | 13.6       | 8/21/2012 | 13.6       | 10/21/2012 | 3.5        | 12/21/2012 | 3.6        | 2/21/2013 |            |
| 4/22/2012 | 5.5        | 6/22/2012 | 14.3       | 8/22/2012 | 13.7       | 10/22/2012 | 3.6        | 12/22/2012 | 3.8        | 2/22/2013 |            |
| 4/23/2012 | 7.5        | 6/23/2012 | 12.9       | 8/23/2012 | 13.2       | 10/23/2012 | 3.5        | 12/23/2012 | 3.7        | 2/23/2013 |            |
| 4/24/2012 | 12.2       | 6/24/2012 | 10.0       | 8/24/2012 | 12.8       | 10/24/2012 | 3.4        | 12/24/2012 | 4.4        | 2/24/2013 |            |
| 4/25/2012 | 13.8       | 6/25/2012 | 10.0       | 8/25/2012 | 12.8       | 10/25/2012 | 3.3        | 12/25/2012 | 3.4        | 2/25/2013 |            |
| 4/26/2012 | 15.2       | 6/26/2012 | 10.8       | 8/26/2012 | 12.5       | 10/26/2012 | 3.4        | 12/26/2012 | 3.7        | 2/26/2013 |            |
| 4/27/2012 | 9.1        | 6/27/2012 | 10.9       | 8/27/2012 | 11.4       | 10/27/2012 | 3.5        | 12/27/2012 | 3.3        | 2/27/2013 |            |
| 4/28/2012 | 9.2        | 6/28/2012 | 11.2       | 8/28/2012 | 10.2       | 10/28/2012 | 3.6        | 12/28/2012 | 2.4        | 2/28/2013 |            |
| 4/29/2012 | 8.9        | 6/29/2012 | 11.2       | 8/29/2012 | 9.3        | 10/29/2012 | 3.6        | 12/29/2012 | 2.3        |           |            |
| 4/30/2012 | 8.5        | 6/30/2012 | 11.9       | 8/30/2012 | 8.8        | 10/30/2012 | 3.6        | 12/30/2012 | 2.8        |           |            |
|           |            |           |            | 8/31/2012 | 8.3        | 10/31/2012 | 3.4        | 12/31/2012 | 2.7        | 3/1/2013  |            |
| 5/1/2012  | 8.7        | 7/1/2012  | 12.7       |           |            |            |            |            |            | 3/2/2013  |            |
| 5/2/2012  | 9.0        | 7/2/2012  | 12.4       | 9/1/2012  | 8.7        | 11/1/2012  | 3.3        | 1/1/2013   | 2.6        | 3/3/2013  |            |
| 5/3/2012  | 9.2        | 7/3/2012  | 11.0       | 9/2/2012  | 8.6        | 11/2/2012  | 3.4        | 1/2/2013   | 2.7        | 3/4/2013  |            |
| 5/4/2012  | 9.1        | 7/4/2012  | 10.7       | 9/3/2012  | 8.2        | 11/3/2012  | 3.4        | 1/3/2013   | 3.1        | 3/5/2013  |            |
| 5/5/2012  | 8.8        | 7/5/2012  | 9.9        | 9/4/2012  | 7.7        | 11/4/2012  | 3.5        | 1/4/2013   | 3.4        | 3/6/2013  |            |
| 5/6/2012  | 8.4        | 7/6/2012  | 10.2       | 9/5/2012  | 7.4        | 11/5/2012  | 3.5        | 1/5/2013   | 3.0        | 3/7/2013  |            |
| 5/7/2012  | 8.3        | 7/7/2012  | 10.5       | 9/6/2012  | 7.5        | 11/6/2012  | 3.4        | 1/6/2013   | 3.2        | 3/8/2013  |            |
| 5/8/2012  | 7.9        | 7/8/2012  | 10.8       | 9/7/2012  | 7.7        | 11/7/2012  | 3.4        | 1/7/2013   | 3.2        | 3/9/2013  |            |
| 5/9/2012  | 7.7        | 7/9/2012  | 11.3       | 9/8/2012  | 7.6        | 11/8/2012  | 3.1        | 1/8/2013   | 3.1        | 3/10/2013 |            |
| 5/10/2012 | 7.9        | 7/10/2012 | 12.3       | 9/9/2012  | 7.6        | 11/9/2012  | 3.1        | 1/9/2013   | 3.1        | 3/11/2013 |            |
| 5/11/2012 | 9.6        | 7/11/2012 | 12.1       | 9/10/2012 | 7.9        | 11/10/2012 | 3.1        | 1/10/2013  | 3.0        | 3/12/2013 |            |
| 5/12/2012 | 11.2       | 7/12/2012 | 10.9       | 9/11/2012 | 8.5        | 11/11/2012 | 3.2        | 1/11/2013  | 3.2        | 3/13/2013 |            |
| 5/13/2012 | 12.2       | 7/13/2012 | 10.2       | 9/12/2012 | 8.3        | 11/12/2012 | 3.5        | 1/12/2013  | 2.9        | 3/14/2013 |            |
| 5/14/2012 | 12.5       | 7/14/2012 | 10.5       | 9/13/2012 | 7.6        | 11/13/2012 | 3.2        | 1/13/2013  | 2.5        | 3/15/2013 |            |
| 5/15/2012 | 9.8        | 7/15/2012 | 9.9        | 9/14/2012 | 7.0        | 11/14/2012 | 3.2        | 1/14/2013  | 2.2        | 3/16/2013 |            |
| 5/16/2012 | 10.2       | 7/16/2012 | 10.0       | 9/15/2012 | 6.6        | 11/15/2012 | 3.1        | 1/15/2013  | 3.3        | 3/17/2013 |            |
| 5/17/2012 | 11.1       | 7/17/2012 | 9.7        | 9/16/2012 | 6.1        | 11/16/2012 | 3.2        | 1/16/2013  | 4.2        | 3/18/2013 |            |
| 5/18/2012 | 10.5       | 7/18/2012 | 10.1       | 9/17/2012 | 5.8        | 11/17/2012 | 3.2        | 1/17/2013  | 2.6        | 3/19/2013 |            |
| 5/19/2012 | 9.6        | 7/19/2012 | 10.2       | 9/18/2012 | 5.6        | 11/18/2012 | 3.2        | 1/18/2013  | 2.4        | 3/20/2013 |            |
| 5/20/2012 | 9.9        | 7/20/2012 | 8.9        | 9/19/2012 | 5.5        | 11/19/2012 | 3.1        | 1/19/2013  | 1.9        | 3/21/2013 |            |
| 5/21/2012 | 11.5       | 7/21/2012 | 9.5        | 9/20/2012 | 5.4        | 11/20/2012 | 3.1        | 1/20/2013  | 2.6        | 3/22/2013 |            |
| 5/22/2012 | 11.7       | 7/22/2012 | 10.6       | 9/21/2012 | 5.3        | 11/21/2012 | 3.1        | 1/21/2013  | 3.5        | 3/23/2013 |            |
| 5/23/2012 | 11.2       | 7/23/2012 | 12.5       | 9/22/2012 | 5.0        | 11/22/2012 | 3.0        | 1/22/2013  | 5.6        | 3/24/2013 |            |
| 5/24/2012 | 9.9        | 7/24/2012 | 13.7       | 9/23/2012 | 5.0        | 11/23/2012 | 3.0        | 1/23/2013  | 5.6        | 3/25/2013 |            |
| 5/25/2012 | 10.4       | 7/25/2012 | 12.9       | 9/24/2012 | 4.4        | 11/24/2012 | 3.1        | 1/24/2013  | 5.6        | 3/26/2013 |            |
| 5/26/2012 | 10.6       | 7/26/2012 | 11.6       | 9/25/2012 | 3.9        | 11/25/2012 | 3.1        | 1/25/2013  | 5.6        | 3/27/2013 |            |
| 5/27/2012 | 9.9        | 7/27/2012 | 10.6       | 9/26/2012 | 5.5        | 11/26/2012 | 3.1        | 1/26/2013  | 4.9        | 3/28/2013 |            |
| 5/28/2012 | 10.2       | 7/28/2012 | 10.1       | 9/27/2012 | 5.4        | 11/27/2012 | 3.1        | 1/27/2013  | 3.8        | 3/29/2013 |            |
| 5/29/2012 | 9.6        | 7/29/2012 | 9.9        | 9/28/2012 | 5.2        | 11/28/2012 | 3.2        | 1/28/2013  | 3.5        | 3/30/2013 |            |
| 5/30/2012 | 9.4        | 7/30/2012 | 9.6        | 9/29/2012 | 5.0        | 11/29/2012 | 3.1        | 1/29/2013  | 3.7        | 3/31/2013 |            |
| 5/31/2012 | 10.6       | 7/31/2012 | 9.5        | 9/30/2012 | 5.1        | 11/30/2012 | 4.3        | 1/30/2013  | 3.7        |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 3.6        |           |            |

**5.6 DAILY AVERAGE FLOW AT WALKER CREEK ABOVE CONDUIT (5016)**

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 4.2        | 6/1/2012  | 7.5        | 8/1/2012  | 2.0        | 10/1/2012  | 1.5        | 12/1/2012  | 2.7        | 2/1/2013  | 2.5        |
| 4/2/2012  | 3.1        | 6/2/2012  | 8.3        | 8/2/2012  | 2.0        | 10/2/2012  | 1.7        | 12/2/2012  | 4.6        | 2/2/2013  | 2.5        |
| 4/3/2012  | 3.0        | 6/3/2012  | 8.7        | 8/3/2012  | 1.6        | 10/3/2012  | 1.5        | 12/3/2012  | 4.7        | 2/3/2013  | 2.5        |
| 4/4/2012  | 3.0        | 6/4/2012  | 9.4        | 8/4/2012  | 1.8        | 10/4/2012  | 1.5        | 12/4/2012  | 4.1        | 2/4/2013  | 2.6        |
| 4/5/2012  | 2.7        | 6/5/2012  | 9.4        | 8/5/2012  | 2.4        | 10/5/2012  | 1.3        | 12/5/2012  | 3.5        | 2/5/2013  | 2.6        |
| 4/6/2012  | 2.3        | 6/6/2012  | 8.8        | 8/6/2012  | 2.1        | 10/6/2012  | 1.1        | 12/6/2012  | 2.9        | 2/6/2013  |            |
| 4/7/2012  | 2.4        | 6/7/2012  | 8.4        | 8/7/2012  | 2.0        | 10/7/2012  | 1.2        | 12/7/2012  | 2.7        | 2/7/2013  |            |
| 4/8/2012  | 2.5        | 6/8/2012  | 7.8        | 8/8/2012  | 1.9        | 10/8/2012  | 1.4        | 12/8/2012  | 2.5        | 2/8/2013  |            |
| 4/9/2012  | 2.3        | 6/9/2012  | 6.5        | 8/9/2012  | 1.9        | 10/9/2012  | 1.3        | 12/9/2012  | 2.4        | 2/9/2013  |            |
| 4/10/2012 | 2.6        | 6/10/2012 | 6.2        | 8/10/2012 | 1.9        | 10/10/2012 | 1.3        | 12/10/2012 | 2.3        | 2/10/2013 |            |
| 4/11/2012 | 2.5        | 6/11/2012 | 6.2        | 8/11/2012 | 2.2        | 10/11/2012 | 2.0        | 12/11/2012 | 2.2        | 2/11/2013 |            |
| 4/12/2012 | 2.2        | 6/12/2012 | 6.0        | 8/12/2012 | 3.1        | 10/12/2012 | 2.0        | 12/12/2012 | 2.2        | 2/12/2013 |            |
| 4/13/2012 | 2.4        | 6/13/2012 | 5.8        | 8/13/2012 | 3.0        | 10/13/2012 | 2.0        | 12/13/2012 | 2.7        | 2/13/2013 |            |
| 4/14/2012 | 2.6        | 6/14/2012 | 5.9        | 8/14/2012 | 3.1        | 10/14/2012 | 2.0        | 12/14/2012 | 2.3        | 2/14/2013 |            |
| 4/15/2012 | 2.7        | 6/15/2012 | 5.8        | 8/15/2012 | 3.1        | 10/15/2012 | 2.0        | 12/15/2012 | 2.5        | 2/15/2013 |            |
| 4/16/2012 | 2.7        | 6/16/2012 | 5.9        | 8/16/2012 | 2.9        | 10/16/2012 | 2.0        | 12/16/2012 | 1.9        | 2/16/2013 |            |
| 4/17/2012 | 2.6        | 6/17/2012 | 6.1        | 8/17/2012 | 2.9        | 10/17/2012 | 2.0        | 12/17/2012 | 2.3        | 2/17/2013 |            |
| 4/18/2012 | 2.6        | 6/18/2012 | 6.1        | 8/18/2012 | 3.2        | 10/18/2012 | 2.0        | 12/18/2012 | 2.5        | 2/18/2013 |            |
| 4/19/2012 | 2.6        | 6/19/2012 | 4.6        | 8/19/2012 | 3.9        | 10/19/2012 | 2.0        | 12/19/2012 | 2.8        | 2/19/2013 |            |
| 4/20/2012 | 2.7        | 6/20/2012 | 4.5        | 8/20/2012 | 3.8        | 10/20/2012 | 2.0        | 12/20/2012 | 2.9        | 2/20/2013 |            |
| 4/21/2012 | 3.3        | 6/21/2012 | 5.1        | 8/21/2012 | 3.5        | 10/21/2012 | 2.0        | 12/21/2012 | 2.0        | 2/21/2013 |            |
| 4/22/2012 | 5.3        | 6/22/2012 | 4.8        | 8/22/2012 | 3.6        | 10/22/2012 | 2.0        | 12/22/2012 | 2.9        | 2/22/2013 |            |
| 4/23/2012 | 8.2        | 6/23/2012 | 4.6        | 8/23/2012 | 3.6        | 10/23/2012 | 2.0        | 12/23/2012 | 3.2        | 2/23/2013 |            |
| 4/24/2012 | 8.5        | 6/24/2012 | 4.0        | 8/24/2012 | 3.5        | 10/24/2012 | 2.0        | 12/24/2012 | 4.1        | 2/24/2013 |            |
| 4/25/2012 | 8.8        | 6/25/2012 | 4.6        | 8/25/2012 | 3.3        | 10/25/2012 | 2.0        | 12/25/2012 | 3.9        | 2/25/2013 |            |
| 4/26/2012 | 9.0        | 6/26/2012 | 3.4        | 8/26/2012 | 3.1        | 10/26/2012 | 2.0        | 12/26/2012 | 4.3        | 2/26/2013 |            |
| 4/27/2012 | 9.3        | 6/27/2012 | 3.3        | 8/27/2012 | 2.9        | 10/27/2012 | 2.0        | 12/27/2012 | 3.7        | 2/27/2013 |            |
| 4/28/2012 | 9.5        | 6/28/2012 | 3.6        | 8/28/2012 | 2.8        | 10/28/2012 | 2.0        | 12/28/2012 | 3.6        | 2/28/2013 |            |
| 4/29/2012 | 8.8        | 6/29/2012 | 3.4        | 8/29/2012 | 2.6        | 10/29/2012 | 2.0        | 12/29/2012 | 3.4        |           |            |
| 4/30/2012 | 8.9        | 6/30/2012 | 3.7        | 8/30/2012 | 2.5        | 10/30/2012 | 2.0        | 12/30/2012 | 3.3        | 3/1/2013  |            |
|           |            |           |            | 8/31/2012 | 2.6        | 10/31/2012 | 2.2        | 12/31/2012 | 3.4        | 3/2/2013  |            |
| 5/1/2012  | 9.4        | 7/1/2012  | 3.4        |           |            |            |            |            |            | 3/3/2013  |            |
| 5/2/2012  | 8.6        | 7/2/2012  | 3.5        | 9/1/2012  | 2.2        | 11/1/2012  | 2.0        | 1/1/2013   | 3.1        | 3/4/2013  |            |
| 5/3/2012  | 9.3        | 7/3/2012  | 3.4        | 9/2/2012  | 2.1        | 11/2/2012  | 2.0        | 1/2/2013   | 3.0        | 3/5/2013  |            |
| 5/4/2012  | 8.8        | 7/4/2012  | 3.5        | 9/3/2012  | 2.1        | 11/3/2012  | 2.0        | 1/3/2013   | 2.9        | 3/6/2013  |            |
| 5/5/2012  | 7.4        | 7/5/2012  | 3.3        | 9/4/2012  | 2.0        | 11/4/2012  | 2.0        | 1/4/2013   | 2.8        | 3/7/2013  |            |
| 5/6/2012  | 7.3        | 7/6/2012  | 3.3        | 9/5/2012  | 2.0        | 11/5/2012  | 2.0        | 1/5/2013   | 2.7        | 3/8/2013  |            |
| 5/7/2012  | 6.8        | 7/7/2012  | 3.4        | 9/6/2012  | 2.1        | 11/6/2012  | 2.0        | 1/6/2013   | 2.6        | 3/9/2013  |            |
| 5/8/2012  | 6.6        | 7/8/2012  | 3.5        | 9/7/2012  | 2.2        | 11/7/2012  | 2.2        | 1/7/2013   | 2.5        | 3/10/2013 |            |
| 5/9/2012  | 6.8        | 7/9/2012  | 3.4        | 9/8/2012  | 2.1        | 11/8/2012  | 2.4        | 1/8/2013   | 2.4        | 3/11/2013 |            |
| 5/10/2012 | 6.6        | 7/10/2012 | 3.1        | 9/9/2012  | 2.0        | 11/9/2012  | 1.9        | 1/9/2013   | 2.3        | 3/12/2013 |            |
| 5/11/2012 | 7.7        | 7/11/2012 | 3.0        | 9/10/2012 | 1.8        | 11/10/2012 | 1.9        | 1/10/2013  | 2.5        | 3/13/2013 |            |
| 5/12/2012 | 8.8        | 7/12/2012 | 2.9        | 9/11/2012 | 1.7        | 11/11/2012 | 0.9        | 1/11/2013  | 2.3        | 3/14/2013 |            |
| 5/13/2012 | 9.5        | 7/13/2012 | 3.2        | 9/12/2012 | 1.7        | 11/12/2012 | 1.2        | 1/12/2013  | 2.4        | 3/15/2013 |            |
| 5/14/2012 | 10.3       | 7/14/2012 | 2.9        | 9/13/2012 | 1.7        | 11/13/2012 | 1.5        | 1/13/2013  | 2.3        | 3/16/2013 |            |
| 5/15/2012 | 9.7        | 7/15/2012 | 2.8        | 9/14/2012 | 1.7        | 11/14/2012 | 1.7        | 1/14/2013  | 2.4        | 3/17/2013 |            |
| 5/16/2012 | 9.8        | 7/16/2012 | 2.8        | 9/15/2012 | 1.7        | 11/15/2012 | 1.8        | 1/15/2013  | 2.6        | 3/18/2013 |            |
| 5/17/2012 | 9.8        | 7/17/2012 | 2.6        | 9/16/2012 | 1.6        | 11/16/2012 | 1.8        | 1/16/2013  | 2.6        | 3/19/2013 |            |
| 5/18/2012 | 9.8        | 7/18/2012 | 2.5        | 9/17/2012 | 1.6        | 11/17/2012 | 2.1        | 1/17/2013  | 2.5        | 3/20/2013 |            |
| 5/19/2012 | 9.5        | 7/19/2012 | 1.9        | 9/18/2012 | 1.6        | 11/18/2012 | 3.0        | 1/18/2013  | 2.4        | 3/21/2013 |            |
| 5/20/2012 | 9.4        | 7/20/2012 | 2.3        | 9/19/2012 | 1.6        | 11/19/2012 | 1.5        | 1/19/2013  | 2.3        | 3/22/2013 |            |
| 5/21/2012 | 10.1       | 7/21/2012 | 2.4        | 9/20/2012 | 2.2        | 11/20/2012 | 1.9        | 1/20/2013  | 2.0        | 3/23/2013 |            |
| 5/22/2012 | 10.9       | 7/22/2012 | 2.3        | 9/21/2012 | 2.5        | 11/21/2012 | 3.1        | 1/21/2013  | 1.8        | 3/24/2013 |            |
| 5/23/2012 | 10.5       | 7/23/2012 | 2.5        | 9/22/2012 | 2.0        | 11/22/2012 | 1.0        | 1/22/2013  | 2.1        | 3/25/2013 |            |
| 5/24/2012 | 10.0       | 7/24/2012 | 2.5        | 9/23/2012 | 1.9        | 11/23/2012 | 1.3        | 1/23/2013  | 2.4        | 3/26/2013 |            |
| 5/25/2012 | 9.4        | 7/25/2012 | 2.3        | 9/24/2012 | 1.8        | 11/24/2012 | 1.6        | 1/24/2013  | 2.4        | 3/27/2013 |            |
| 5/26/2012 | 8.6        | 7/26/2012 | 2.2        | 9/25/2012 | 0.7        | 11/25/2012 | 1.7        | 1/25/2013  | 2.6        | 3/28/2013 |            |
| 5/27/2012 | 7.6        | 7/27/2012 | 2.1        | 9/26/2012 | 1.0        | 11/26/2012 | 1.7        | 1/26/2013  | 2.7        | 3/29/2013 |            |
| 5/28/2012 | 7.1        | 7/28/2012 | 2.1        | 9/27/2012 | 1.4        | 11/27/2012 | 1.7        | 1/27/2013  | 2.5        | 3/30/2013 |            |
| 5/29/2012 | 6.6        | 7/29/2012 | 2.1        | 9/28/2012 | 1.6        | 11/28/2012 | 2.0        | 1/28/2013  | 2.5        | 3/31/2013 |            |
| 5/30/2012 | 6.4        | 7/30/2012 | 2.0        | 9/29/2012 | 1.5        | 11/29/2012 | 2.0        | 1/29/2013  | 2.5        |           |            |
| 5/31/2012 | 7.0        | 7/31/2012 | 2.3        | 9/30/2012 | 1.7        | 11/30/2012 | 2.6        | 1/30/2013  | 2.5        |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 2.7        |           |            |

**5.7 DAILY AVERAGE FLOW AT WALKER CREEK BELOW CONDUIT(5002)**

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 4.1        | 6/1/2012  | 6.1        | 8/1/2012  | 1.9        | 10/1/2012  | 1.4        | 12/1/2012  | 2.6        | 2/1/2013  | 2.4        |
| 4/2/2012  | 3.0        | 6/2/2012  | 6.8        | 8/2/2012  | 1.9        | 10/2/2012  | 1.6        | 12/2/2012  | 4.5        | 2/2/2013  | 2.4        |
| 4/3/2012  | 2.9        | 6/3/2012  | 7.1        | 8/3/2012  | 1.5        | 10/3/2012  | 1.4        | 12/3/2012  | 4.6        | 2/3/2013  | 2.4        |
| 4/4/2012  | 2.9        | 6/4/2012  | 7.8        | 8/4/2012  | 1.7        | 10/4/2012  | 1.4        | 12/4/2012  | 4.0        | 2/4/2013  | 2.5        |
| 4/5/2012  | 2.6        | 6/5/2012  | 7.8        | 8/5/2012  | 2.3        | 10/5/2012  | 1.2        | 12/5/2012  | 3.4        | 2/5/2013  | 2.5        |
| 4/6/2012  | 2.2        | 6/6/2012  | 7.4        | 8/6/2012  | 2.0        | 10/6/2012  | 1.0        | 12/6/2012  | 2.8        | 2/6/2013  |            |
| 4/7/2012  | 2.3        | 6/7/2012  | 7.0        | 8/7/2012  | 1.9        | 10/7/2012  | 1.1        | 12/7/2012  | 2.6        | 2/7/2013  |            |
| 4/8/2012  | 2.4        | 6/8/2012  | 6.5        | 8/8/2012  | 1.8        | 10/8/2012  | 1.3        | 12/8/2012  | 2.4        | 2/8/2013  |            |
| 4/9/2012  | 2.2        | 6/9/2012  | 5.3        | 8/9/2012  | 1.8        | 10/9/2012  | 1.2        | 12/9/2012  | 2.3        | 2/9/2013  |            |
| 4/10/2012 | 2.5        | 6/10/2012 | 5.1        | 8/10/2012 | 1.8        | 10/10/2012 | 1.2        | 12/10/2012 | 2.2        | 2/10/2013 |            |
| 4/11/2012 | 2.5        | 6/11/2012 | 5.1        | 8/11/2012 | 2.1        | 10/11/2012 | 1.9        | 12/11/2012 | 2.1        | 2/11/2013 |            |
| 4/12/2012 | 2.2        | 6/12/2012 | 4.9        | 8/12/2012 | 3.0        | 10/12/2012 | 1.9        | 12/12/2012 | 2.1        | 2/12/2013 |            |
| 4/13/2012 | 2.4        | 6/13/2012 | 4.7        | 8/13/2012 | 2.9        | 10/13/2012 | 1.9        | 12/13/2012 | 2.6        | 2/13/2013 |            |
| 4/14/2012 | 2.6        | 6/14/2012 | 4.8        | 8/14/2012 | 3.0        | 10/14/2012 | 1.9        | 12/14/2012 | 2.2        | 2/14/2013 |            |
| 4/15/2012 | 2.7        | 6/15/2012 | 4.7        | 8/15/2012 | 3.0        | 10/15/2012 | 1.9        | 12/15/2012 | 2.4        | 2/15/2013 |            |
| 4/16/2012 | 2.7        | 6/16/2012 | 4.8        | 8/16/2012 | 2.8        | 10/16/2012 | 1.9        | 12/16/2012 | 1.8        | 2/16/2013 |            |
| 4/17/2012 | 2.6        | 6/17/2012 | 4.9        | 8/17/2012 | 2.8        | 10/17/2012 | 1.9        | 12/17/2012 | 2.2        | 2/17/2013 |            |
| 4/18/2012 | 2.6        | 6/18/2012 | 4.9        | 8/18/2012 | 3.1        | 10/18/2012 | 1.9        | 12/18/2012 | 2.4        | 2/18/2013 |            |
| 4/19/2012 | 2.6        | 6/19/2012 | 3.6        | 8/19/2012 | 3.8        | 10/19/2012 | 1.9        | 12/19/2012 | 2.7        | 2/19/2013 |            |
| 4/20/2012 | 2.7        | 6/20/2012 | 3.6        | 8/20/2012 | 3.7        | 10/20/2012 | 1.9        | 12/20/2012 | 2.8        | 2/20/2013 |            |
| 4/21/2012 | 3.3        | 6/21/2012 | 4.1        | 8/21/2012 | 3.4        | 10/21/2012 | 1.9        | 12/21/2012 | 1.9        | 2/21/2013 |            |
| 4/22/2012 | 5.3        | 6/22/2012 | 3.8        | 8/22/2012 | 3.5        | 10/22/2012 | 1.9        | 12/22/2012 | 2.8        | 2/22/2013 |            |
| 4/23/2012 | 8.2        | 6/23/2012 | 3.6        | 8/23/2012 | 3.5        | 10/23/2012 | 1.9        | 12/23/2012 | 3.1        | 2/23/2013 |            |
| 4/24/2012 | 8.5        | 6/24/2012 | 3.1        | 8/24/2012 | 3.4        | 10/24/2012 | 1.9        | 12/24/2012 | 4.0        | 2/24/2013 |            |
| 4/25/2012 | 8.8        | 6/25/2012 | 3.6        | 8/25/2012 | 3.2        | 10/25/2012 | 1.9        | 12/25/2012 | 3.8        | 2/25/2013 |            |
| 4/26/2012 | 9.0        | 6/26/2012 | 2.5        | 8/26/2012 | 3.0        | 10/26/2012 | 1.9        | 12/26/2012 | 4.2        | 2/26/2013 |            |
| 4/27/2012 | 9.4        | 6/27/2012 | 2.5        | 8/27/2012 | 2.8        | 10/27/2012 | 1.9        | 12/27/2012 | 3.6        | 2/27/2013 |            |
| 4/28/2012 | 7.9        | 6/28/2012 | 2.7        | 8/28/2012 | 2.7        | 10/28/2012 | 1.9        | 12/28/2012 | 3.5        | 2/28/2013 |            |
| 4/29/2012 | 7.4        | 6/29/2012 | 2.6        | 8/29/2012 | 2.5        | 10/29/2012 | 1.9        | 12/29/2012 | 3.3        |           |            |
| 4/30/2012 | 6.7        | 6/30/2012 | 2.4        | 8/30/2012 | 2.4        | 10/30/2012 | 1.9        | 12/30/2012 | 3.2        | 3/1/2013  |            |
|           |            |           |            | 8/31/2012 | 2.1        | 10/31/2012 | 1.7        | 12/31/2012 | 2.9        | 3/2/2013  |            |
| 5/1/2012  | 6.6        | 7/1/2012  | 2.5        |           |            |            |            |            |            | 3/3/2013  |            |
| 5/2/2012  | 5.9        | 7/2/2012  | 2.6        | 9/1/2012  | 2.1        | 11/1/2012  | 1.9        | 1/1/2013   | 3.0        | 3/4/2013  |            |
| 5/3/2012  | 6.6        | 7/3/2012  | 2.6        | 9/2/2012  | 2.0        | 11/2/2012  | 1.9        | 1/2/2013   | 2.9        | 3/5/2013  |            |
| 5/4/2012  | 6.7        | 7/4/2012  | 2.6        | 9/3/2012  | 2.0        | 11/3/2012  | 1.9        | 1/3/2013   | 2.8        | 3/6/2013  |            |
| 5/5/2012  | 5.9        | 7/5/2012  | 2.4        | 9/4/2012  | 1.9        | 11/4/2012  | 1.9        | 1/4/2013   | 2.7        | 3/7/2013  |            |
| 5/6/2012  | 5.8        | 7/6/2012  | 2.4        | 9/5/2012  | 1.9        | 11/5/2012  | 1.9        | 1/5/2013   | 2.6        | 3/8/2013  |            |
| 5/7/2012  | 5.6        | 7/7/2012  | 2.4        | 9/6/2012  | 2.0        | 11/6/2012  | 1.9        | 1/6/2013   | 2.5        | 3/9/2013  |            |
| 5/8/2012  | 5.3        | 7/8/2012  | 2.6        | 9/7/2012  | 2.0        | 11/7/2012  | 2.1        | 1/7/2013   | 2.4        | 3/10/2013 |            |
| 5/9/2012  | 5.5        | 7/9/2012  | 2.5        | 9/8/2012  | 1.9        | 11/8/2012  | 2.3        | 1/8/2013   | 2.3        | 3/11/2013 |            |
| 5/10/2012 | 5.3        | 7/10/2012 | 2.3        | 9/9/2012  | 1.9        | 11/9/2012  | 1.8        | 1/9/2013   | 2.2        | 3/12/2013 |            |
| 5/11/2012 | 6.3        | 7/11/2012 | 3.0        | 9/10/2012 | 1.7        | 11/10/2012 | 1.8        | 1/10/2013  | 2.4        | 3/13/2013 |            |
| 5/12/2012 | 7.3        | 7/12/2012 | 2.9        | 9/11/2012 | 1.6        | 11/11/2012 | 0.8        | 1/11/2013  | 2.2        | 3/14/2013 |            |
| 5/13/2012 | 7.7        | 7/13/2012 | 3.2        | 9/12/2012 | 1.6        | 11/12/2012 | 1.1        | 1/12/2013  | 2.3        | 3/15/2013 |            |
| 5/14/2012 | 7.9        | 7/14/2012 | 2.9        | 9/13/2012 | 1.6        | 11/13/2012 | 1.4        | 1/13/2013  | 2.2        | 3/16/2013 |            |
| 5/15/2012 | 7.0        | 7/15/2012 | 2.8        | 9/14/2012 | 1.6        | 11/14/2012 | 1.6        | 1/14/2013  | 2.3        | 3/17/2013 |            |
| 5/16/2012 | 7.3        | 7/16/2012 | 2.8        | 9/15/2012 | 1.6        | 11/15/2012 | 1.7        | 1/15/2013  | 2.5        | 3/18/2013 |            |
| 5/17/2012 | 7.6        | 7/17/2012 | 2.6        | 9/16/2012 | 1.5        | 11/16/2012 | 1.7        | 1/16/2013  | 2.5        | 3/19/2013 |            |
| 5/18/2012 | 7.6        | 7/18/2012 | 2.5        | 9/17/2012 | 1.5        | 11/17/2012 | 2.0        | 1/17/2013  | 2.4        | 3/20/2013 |            |
| 5/19/2012 | 7.4        | 7/19/2012 | 1.9        | 9/18/2012 | 1.5        | 11/18/2012 | 2.9        | 1/18/2013  | 2.3        | 3/21/2013 |            |
| 5/20/2012 | 7.3        | 7/20/2012 | 2.3        | 9/19/2012 | 1.5        | 11/19/2012 | 1.4        | 1/19/2013  | 2.2        | 3/22/2013 |            |
| 5/21/2012 | 7.9        | 7/21/2012 | 2.4        | 9/20/2012 | 2.1        | 11/20/2012 | 1.8        | 1/20/2013  | 2.9        | 3/23/2013 |            |
| 5/22/2012 | 8.4        | 7/22/2012 | 2.3        | 9/21/2012 | 2.4        | 11/21/2012 | 3.0        | 1/21/2013  | 1.7        | 3/24/2013 |            |
| 5/23/2012 | 7.5        | 7/23/2012 | 2.5        | 9/22/2012 | 1.9        | 11/22/2012 | 0.9        | 1/22/2013  | 1.9        | 3/25/2013 |            |
| 5/24/2012 | 7.5        | 7/24/2012 | 2.5        | 9/23/2012 | 1.8        | 11/23/2012 | 1.2        | 1/23/2013  | 2.3        | 3/26/2013 |            |
| 5/25/2012 | 7.7        | 7/25/2012 | 2.3        | 9/24/2012 | 1.7        | 11/24/2012 | 1.5        | 1/24/2013  | 2.3        | 3/27/2013 |            |
| 5/26/2012 | 7.1        | 7/26/2012 | 2.2        | 9/25/2012 | 1.4        | 11/25/2012 | 1.6        | 1/25/2013  | 2.5        | 3/28/2013 |            |
| 5/27/2012 | 6.1        | 7/27/2012 | 2.1        | 9/26/2012 | 1.4        | 11/26/2012 | 1.6        | 1/26/2013  | 2.6        | 3/29/2013 |            |
| 5/28/2012 | 5.7        | 7/28/2012 | 2.1        | 9/27/2012 | 1.3        | 11/27/2012 | 1.6        | 1/27/2013  | 2.4        | 3/30/2013 |            |
| 5/29/2012 | 5.2        | 7/29/2012 | 2.1        | 9/28/2012 | 1.5        | 11/28/2012 | 1.9        | 1/28/2013  | 2.4        | 3/31/2013 |            |
| 5/30/2012 | 5.1        | 7/30/2012 | 2.0        | 9/29/2012 | 1.4        | 11/29/2012 | 1.9        | 1/29/2013  | 2.4        |           |            |
| 5/31/2012 | 5.6        | 7/31/2012 | 2.0        | 9/30/2012 | 1.5        | 11/30/2012 | 2.5        | 1/30/2013  | 2.4        |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 2.2        |           |            |

**5.8 DAILY AVERAGE FLOW AT LEE VINING CREEK ABOVE INTAKE (5008)**

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 17         | 6/1/2012  | 98         | 8/1/2012  | 19         | 10/1/2012  | 19         | 12/1/2012  | 19         | 2/1/2013  |            |
| 4/2/2012  | 16         | 6/2/2012  | 98         | 8/2/2012  | 20         | 10/2/2012  | 19         | 12/2/2012  | 26         | 2/2/2013  |            |
| 4/3/2012  | 16         | 6/3/2012  | 99         | 8/3/2012  | 22         | 10/3/2012  | 19         | 12/3/2012  | 22         | 2/3/2013  |            |
| 4/4/2012  | 16         | 6/4/2012  | 99         | 8/4/2012  | 23         | 10/4/2012  | 19         | 12/4/2012  | 22         | 2/4/2013  |            |
| 4/5/2012  | 16         | 6/5/2012  | 89         | 8/5/2012  | 25         | 10/5/2012  | 19         | 12/5/2012  | 24         | 2/5/2013  |            |
| 4/6/2012  | 16         | 6/6/2012  | 74         | 8/6/2012  | 24         | 10/6/2012  | 19         | 12/6/2012  | 24         | 2/6/2013  |            |
| 4/7/2012  | 16         | 6/7/2012  | 53         | 8/7/2012  | 24         | 10/7/2012  | 19         | 12/7/2012  | 23         | 2/7/2013  |            |
| 4/8/2012  | 16         | 6/8/2012  | 52         | 8/8/2012  | 25         | 10/8/2012  | 19         | 12/8/2012  | 23         | 2/8/2013  |            |
| 4/9/2012  | 16         | 6/9/2012  | 52         | 8/9/2012  | 25         | 10/9/2012  | 19         | 12/9/2012  | 23         | 2/9/2013  |            |
| 4/10/2012 | 17         | 6/10/2012 | 51         | 8/10/2012 | 26         | 10/10/2012 | 19         | 12/10/2012 | 21         | 2/10/2013 |            |
| 4/11/2012 | 19         | 6/11/2012 | 50         | 8/11/2012 | 29         | 10/11/2012 | 20         | 12/11/2012 | 19         | 2/11/2013 |            |
| 4/12/2012 | 20         | 6/12/2012 | 50         | 8/12/2012 | 35         | 10/12/2012 | 20         | 12/12/2012 | 19         | 2/12/2013 |            |
| 4/13/2012 | 20         | 6/13/2012 | 50         | 8/13/2012 | 35         | 10/13/2012 | 19         | 12/13/2012 | 19         | 2/13/2013 |            |
| 4/14/2012 | 20         | 6/14/2012 | 54         | 8/14/2012 | 37         | 10/14/2012 | 19         | 12/14/2012 | 19         | 2/14/2013 |            |
| 4/15/2012 | 20         | 6/15/2012 | 73         | 8/15/2012 | 45         | 10/15/2012 | 19         | 12/15/2012 | 19         | 2/15/2013 |            |
| 4/16/2012 | 20         | 6/16/2012 | 64         | 8/16/2012 | 36         | 10/16/2012 | 18         | 12/16/2012 | 18         | 2/16/2013 |            |
| 4/17/2012 | 20         | 6/17/2012 | 70         | 8/17/2012 | 34         | 10/17/2012 | 18         | 12/17/2012 | 18         | 2/17/2013 |            |
| 4/18/2012 | 19         | 6/18/2012 | 65         | 8/18/2012 | 35         | 10/18/2012 | 18         | 12/18/2012 | 18         | 2/18/2013 |            |
| 4/19/2012 | 14         | 6/19/2012 | 65         | 8/19/2012 | 35         | 10/19/2012 | 18         | 12/19/2012 | 23         | 2/19/2013 |            |
| 4/20/2012 | 20         | 6/20/2012 | 64         | 8/20/2012 | 32         | 10/20/2012 | 18         | 12/20/2012 | 16         | 2/20/2013 |            |
| 4/21/2012 | 45         | 6/21/2012 | 57         | 8/21/2012 | 29         | 10/21/2012 | 18         | 12/21/2012 | 19         | 2/21/2013 |            |
| 4/22/2012 | 80         | 6/22/2012 | 51         | 8/22/2012 | 29         | 10/22/2012 | 18         | 12/22/2012 | 18         | 2/22/2013 |            |
| 4/23/2012 | 110        | 6/23/2012 | 44         | 8/23/2012 | 28         | 10/23/2012 | 18         | 12/23/2012 | 18         | 2/23/2013 |            |
| 4/24/2012 | 129        | 6/24/2012 | 41         | 8/24/2012 | 28         | 10/24/2012 | 18         | 12/24/2012 | 18         | 2/24/2013 |            |
| 4/25/2012 | 125        | 6/25/2012 | 41         | 8/25/2012 | 27         | 10/25/2012 | 18         | 12/25/2012 | 19         | 2/25/2013 |            |
| 4/26/2012 | 110        | 6/26/2012 | 41         | 8/26/2012 | 27         | 10/26/2012 | 18         | 12/26/2012 | 19         | 2/26/2013 |            |
| 4/27/2012 | 81         | 6/27/2012 | 41         | 8/27/2012 | 26         | 10/27/2012 | 18         | 12/27/2012 | 14         | 2/27/2013 |            |
| 4/28/2012 | 78         | 6/28/2012 | 40         | 8/28/2012 | 24         | 10/28/2012 | 18         | 12/28/2012 | 18         | 2/28/2013 |            |
| 4/29/2012 | 84         | 6/29/2012 | 41         | 8/29/2012 | 23         | 10/29/2012 | 23         | 12/29/2012 | 19         |           |            |
| 4/30/2012 | 95         | 6/30/2012 | 42         | 8/30/2012 | 23         | 10/30/2012 | 24         | 12/30/2012 | 19         | 3/1/2013  |            |
|           |            |           |            | 8/31/2012 | 23         | 10/31/2012 | 30         | 12/31/2012 | 18         | 3/2/2013  |            |
| 5/1/2012  | 109        | 7/1/2012  | 42         |           |            |            |            |            |            | 3/3/2013  |            |
| 5/2/2012  | 120        | 7/2/2012  | 45         | 9/1/2012  | 22         | 11/1/2012  | 29         | 1/1/2013   | 20         | 3/4/2013  |            |
| 5/3/2012  | 112        | 7/3/2012  | 47         | 9/2/2012  | 22         | 11/2/2012  | 30         | 1/2/2013   | 20         | 3/5/2013  |            |
| 5/4/2012  | 96         | 7/4/2012  | 47         | 9/3/2012  | 22         | 11/3/2012  | 31         | 1/3/2013   | 20         | 3/6/2013  |            |
| 5/5/2012  | 83         | 7/5/2012  | 45         | 9/4/2012  | 22         | 11/4/2012  | 26         | 1/4/2013   | 20         | 3/7/2013  |            |
| 5/6/2012  | 79         | 7/6/2012  | 40         | 9/5/2012  | 21         | 11/5/2012  | 23         | 1/5/2013   | 20         | 3/8/2013  |            |
| 5/7/2012  | 79         | 7/7/2012  | 40         | 9/6/2012  | 21         | 11/6/2012  | 23         | 1/6/2013   | 20         | 3/9/2013  |            |
| 5/8/2012  | 75         | 7/8/2012  | 45         | 9/7/2012  | 21         | 11/7/2012  | 25         | 1/7/2013   | 20         | 3/10/2013 |            |
| 5/9/2012  | 81         | 7/9/2012  | 45         | 9/8/2012  | 21         | 11/8/2012  | 25         | 1/8/2013   | 20         | 3/11/2013 |            |
| 5/10/2012 | 101        | 7/10/2012 | 45         | 9/9/2012  | 20         | 11/9/2012  | 24         | 1/9/2013   | 18         | 3/12/2013 |            |
| 5/11/2012 | 104        | 7/11/2012 | 46         | 9/10/2012 | 20         | 11/10/2012 | 24         | 1/10/2013  | 18         | 3/13/2013 |            |
| 5/12/2012 | 105        | 7/12/2012 | 46         | 9/11/2012 | 20         | 11/11/2012 | 31         | 1/11/2013  | 18         | 3/14/2013 |            |
| 5/13/2012 | 111        | 7/13/2012 | 47         | 9/12/2012 | 21         | 11/12/2012 | 19         | 1/12/2013  | 19         | 3/15/2013 |            |
| 5/14/2012 | 118        | 7/14/2012 | 45         | 9/13/2012 | 23         | 11/13/2012 | 19         | 1/13/2013  | 17         | 3/16/2013 |            |
| 5/15/2012 | 104        | 7/15/2012 | 40         | 9/14/2012 | 22         | 11/14/2012 | 17         | 1/14/2013  | 15         | 3/17/2013 |            |
| 5/16/2012 | 110        | 7/16/2012 | 39         | 9/15/2012 | 22         | 11/15/2012 | 14         | 1/15/2013  | 12         | 3/18/2013 |            |
| 5/17/2012 | 127        | 7/17/2012 | 36         | 9/16/2012 | 22         | 11/16/2012 | 14         | 1/16/2013  | 18         | 3/19/2013 |            |
| 5/18/2012 | 101        | 7/18/2012 | 36         | 9/17/2012 | 22         | 11/17/2012 | 15         | 1/17/2013  | 12         | 3/20/2013 |            |
| 5/19/2012 | 93         | 7/19/2012 | 36         | 9/18/2012 | 20         | 11/18/2012 | 15         | 1/18/2013  | 12         | 3/21/2013 |            |
| 5/20/2012 | 93         | 7/20/2012 | 35         | 9/19/2012 | 20         | 11/19/2012 | 14         | 1/19/2013  | 15         | 3/22/2013 |            |
| 5/21/2012 | 125        | 7/21/2012 | 36         | 9/20/2012 | 21         | 11/20/2012 | 14         | 1/20/2013  | 16         | 3/23/2013 |            |
| 5/22/2012 | 121        | 7/22/2012 | 37         | 9/21/2012 | 20         | 11/21/2012 | 14         | 1/21/2013  | 16         | 3/24/2013 |            |
| 5/23/2012 | 110        | 7/23/2012 | 35         | 9/22/2012 | 20         | 11/22/2012 | 14         | 1/22/2013  | 16         | 3/25/2013 |            |
| 5/24/2012 | 101        | 7/24/2012 | 31         | 9/23/2012 | 20         | 11/23/2012 | 14         | 1/23/2013  | 17         | 3/26/2013 |            |
| 5/25/2012 | 69         | 7/25/2012 | 31         | 9/24/2012 | 20         | 11/24/2012 | 14         | 1/24/2013  | 24         | 3/27/2013 |            |
| 5/26/2012 | 49         | 7/26/2012 | 30         | 9/25/2012 | 20         | 11/25/2012 | 14         | 1/25/2013  | 16         | 3/28/2013 |            |
| 5/27/2012 | 46         | 7/27/2012 | 29         | 9/26/2012 | 20         | 11/26/2012 | 14         | 1/26/2013  | 16         | 3/29/2013 |            |
| 5/28/2012 | 45         | 7/28/2012 | 29         | 9/27/2012 | 20         | 11/27/2012 | 14         | 1/27/2013  | 16         | 3/30/2013 |            |
| 5/29/2012 | 44         | 7/29/2012 | 28         | 9/28/2012 | 19         | 11/28/2012 | 14         | 1/28/2013  | 16         | 3/31/2013 |            |
| 5/30/2012 | 43         | 7/30/2012 | 28         | 9/29/2012 | 19         | 11/29/2012 | 14         | 1/29/2013  | 16         |           |            |
| 5/31/2012 | 69         | 7/31/2012 | 21         | 9/30/2012 | 19         | 11/30/2012 | 17         | 1/30/2013  | 16         |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 15         |           |            |



**5.9 DAILY AVERAGE FLOW AT LEE VINING CREEK AT INTAKE (5009)**

| Date      | Flow (cfs) | Date      | Flow (cfs) | Date      | Flow (cfs) | Date       | Flow (cfs) | Date       | Flow (cfs) | Date      | Flow (cfs) |
|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|
| 4/1/2012  | 17         | 6/1/2012  | 41         | 8/1/2012  | 21         | 10/1/2012  | 18         | 12/1/2012  | 18         | 2/1/2013  | 16         |
| 4/2/2012  | 17         | 6/2/2012  | 41         | 8/2/2012  | 18         | 10/2/2012  | 20         | 12/2/2012  | 20         | 2/2/2013  | 16         |
| 4/3/2012  | 17         | 6/3/2012  | 39         | 8/3/2012  | 20         | 10/3/2012  | 20         | 12/3/2012  | 24         | 2/3/2013  | 16         |
| 4/4/2012  | 18         | 6/4/2012  | 39         | 8/4/2012  | 22         | 10/4/2012  | 20         | 12/4/2012  | 23         | 2/4/2013  | 16         |
| 4/5/2012  | 17         | 6/5/2012  | 39         | 8/5/2012  | 23         | 10/5/2012  | 17         | 12/5/2012  | 24         | 2/5/2013  | 16         |
| 4/6/2012  | 15         | 6/6/2012  | 38         | 8/6/2012  | 25         | 10/6/2012  | 18         | 12/6/2012  | 25         | 2/6/2013  | 16         |
| 4/7/2012  | 17         | 6/7/2012  | 37         | 8/7/2012  | 24         | 10/7/2012  | 18         | 12/7/2012  | 24         | 2/7/2013  | 17         |
| 4/8/2012  | 16         | 6/8/2012  | 35         | 8/8/2012  | 25         | 10/8/2012  | 18         | 12/8/2012  | 24         | 2/8/2013  | 17         |
| 4/9/2012  | 18         | 6/9/2012  | 39         | 8/9/2012  | 25         | 10/9/2012  | 17         | 12/9/2012  | 24         | 2/9/2013  | 18         |
| 4/10/2012 | 17         | 6/10/2012 | 39         | 8/10/2012 | 25         | 10/10/2012 | 18         | 12/10/2012 | 24         | 2/10/2013 | 19         |
| 4/11/2012 | 19         | 6/11/2012 | 38         | 8/11/2012 | 25         | 10/11/2012 | 18         | 12/11/2012 | 23         | 2/11/2013 | 18         |
| 4/12/2012 | 20         | 6/12/2012 | 39         | 8/12/2012 | 29         | 10/12/2012 | 18         | 12/12/2012 | 20         | 2/12/2013 | 19         |
| 4/13/2012 | 21         | 6/13/2012 | 39         | 8/13/2012 | 35         | 10/13/2012 | 18         | 12/13/2012 | 20         | 2/13/2013 | 20         |
| 4/14/2012 | 21         | 6/14/2012 | 39         | 8/14/2012 | 35         | 10/14/2012 | 17         | 12/14/2012 | 20         | 2/14/2013 | 19         |
| 4/15/2012 | 21         | 6/15/2012 | 39         | 8/15/2012 | 39         | 10/15/2012 | 18         | 12/15/2012 | 20         | 2/15/2013 | 19         |
| 4/16/2012 | 21         | 6/16/2012 | 38         | 8/16/2012 | 39         | 10/16/2012 | 17         | 12/16/2012 | 20         | 2/16/2013 | 19         |
| 4/17/2012 | 22         | 6/17/2012 | 38         | 8/17/2012 | 37         | 10/17/2012 | 19         | 12/17/2012 | 20         | 2/17/2013 | 20         |
| 4/18/2012 | 22         | 6/18/2012 | 39         | 8/18/2012 | 33         | 10/18/2012 | 16         | 12/18/2012 | 19         | 2/18/2013 | 20         |
| 4/19/2012 | 16         | 6/19/2012 | 38         | 8/19/2012 | 34         | 10/19/2012 | 19         | 12/19/2012 | 20         | 2/19/2013 | 19         |
| 4/20/2012 | 17         | 6/20/2012 | 39         | 8/20/2012 | 34         | 10/20/2012 | 19         | 12/20/2012 | 18         | 2/20/2013 | 19         |
| 4/21/2012 | 40         | 6/21/2012 | 39         | 8/21/2012 | 29         | 10/21/2012 | 18         | 12/21/2012 | 17         | 2/21/2013 | 19         |
| 4/22/2012 | 59         | 6/22/2012 | 38         | 8/22/2012 | 28         | 10/22/2012 | 18         | 12/22/2012 | 19         | 2/22/2013 | 19         |
| 4/23/2012 | 47         | 6/23/2012 | 39         | 8/23/2012 | 29         | 10/23/2012 | 17         | 12/23/2012 | 21         | 2/23/2013 | 19         |
| 4/24/2012 | 41         | 6/24/2012 | 38         | 8/24/2012 | 28         | 10/24/2012 | 18         | 12/24/2012 | 19         | 2/24/2013 | 19         |
| 4/25/2012 | 39         | 6/25/2012 | 38         | 8/25/2012 | 28         | 10/25/2012 | 17         | 12/25/2012 | 20         | 2/25/2013 | 19         |
| 4/26/2012 | 38         | 6/26/2012 | 39         | 8/26/2012 | 27         | 10/26/2012 | 17         | 12/26/2012 | 20         | 2/26/2013 | 19         |
| 4/27/2012 | 39         | 6/27/2012 | 39         | 8/27/2012 | 27         | 10/27/2012 | 17         | 12/27/2012 | 20         | 2/27/2013 | 19         |
| 4/28/2012 | 39         | 6/28/2012 | 38         | 8/28/2012 | 26         | 10/28/2012 | 16         | 12/28/2012 | 15         | 2/28/2013 | 19         |
| 4/29/2012 | 39         | 6/29/2012 | 39         | 8/29/2012 | 23         | 10/29/2012 | 16         | 12/29/2012 | 19         |           |            |
| 4/30/2012 | 40         | 6/30/2012 | 39         | 8/30/2012 | 23         | 10/30/2012 | 17         | 12/30/2012 | 20         | 3/1/2013  |            |
|           |            |           |            | 8/31/2012 | 23         | 10/31/2012 | 26         | 12/31/2012 | 19         | 3/2/2013  |            |
| 5/1/2012  | 39         | 7/1/2012  | 39         |           |            |            |            |            |            | 3/3/2013  |            |
| 5/2/2012  | 39         | 7/2/2012  | 39         | 9/1/2012  | 23         | 11/1/2012  | 26         | 1/1/2013   | 19         | 3/4/2013  |            |
| 5/3/2012  | 39         | 7/3/2012  | 40         | 9/2/2012  | 23         | 11/2/2012  | 25         | 1/2/2013   | 20         | 3/5/2013  |            |
| 5/4/2012  | 39         | 7/4/2012  | 39         | 9/3/2012  | 23         | 11/3/2012  | 26         | 1/3/2013   | 18         | 3/6/2013  |            |
| 5/5/2012  | 39         | 7/5/2012  | 39         | 9/4/2012  | 23         | 11/4/2012  | 26         | 1/4/2013   | 20         | 3/7/2013  |            |
| 5/6/2012  | 39         | 7/6/2012  | 39         | 9/5/2012  | 22         | 11/5/2012  | 25         | 1/5/2013   | 19         | 3/8/2013  |            |
| 5/7/2012  | 39         | 7/7/2012  | 38         | 9/6/2012  | 23         | 11/6/2012  | 24         | 1/6/2013   | 20         | 3/9/2013  |            |
| 5/8/2012  | 39         | 7/8/2012  | 38         | 9/7/2012  | 23         | 11/7/2012  | 25         | 1/7/2013   | 19         | 3/10/2013 |            |
| 5/9/2012  | 39         | 7/9/2012  | 39         | 9/8/2012  | 22         | 11/8/2012  | 25         | 1/8/2013   | 20         | 3/11/2013 |            |
| 5/10/2012 | 39         | 7/10/2012 | 39         | 9/9/2012  | 23         | 11/9/2012  | 26         | 1/9/2013   | 21         | 3/12/2013 |            |
| 5/11/2012 | 39         | 7/11/2012 | 39         | 9/10/2012 | 22         | 11/10/2012 | 25         | 1/10/2013  | 18         | 3/13/2013 |            |
| 5/12/2012 | 39         | 7/12/2012 | 39         | 9/11/2012 | 21         | 11/11/2012 | 24         | 1/11/2013  | 18         | 3/14/2013 |            |
| 5/13/2012 | 39         | 7/13/2012 | 39         | 9/12/2012 | 21         | 11/12/2012 | 23         | 1/12/2013  | 19         | 3/15/2013 |            |
| 5/14/2012 | 39         | 7/14/2012 | 40         | 9/13/2012 | 22         | 11/13/2012 | 22         | 1/13/2013  | 17         | 3/16/2013 |            |
| 5/15/2012 | 39         | 7/15/2012 | 39         | 9/14/2012 | 22         | 11/14/2012 | 21         | 1/14/2013  | 12         | 3/17/2013 |            |
| 5/16/2012 | 39         | 7/16/2012 | 38         | 9/15/2012 | 22         | 11/15/2012 | 19         | 1/15/2013  | 15         | 3/18/2013 |            |
| 5/17/2012 | 39         | 7/17/2012 | 38         | 9/16/2012 | 21         | 11/16/2012 | 16         | 1/16/2013  | 18         | 3/19/2013 |            |
| 5/18/2012 | 38         | 7/18/2012 | 36         | 9/17/2012 | 22         | 11/17/2012 | 16         | 1/17/2013  | 12         | 3/20/2013 |            |
| 5/19/2012 | 39         | 7/19/2012 | 36         | 9/18/2012 | 19         | 11/18/2012 | 17         | 1/18/2013  | 11         | 3/21/2013 |            |
| 5/20/2012 | 39         | 7/20/2012 | 36         | 9/19/2012 | 19         | 11/19/2012 | 17         | 1/19/2013  | 15         | 3/22/2013 |            |
| 5/21/2012 | 39         | 7/21/2012 | 35         | 9/20/2012 | 20         | 11/20/2012 | 16         | 1/20/2013  | 15         | 3/23/2013 |            |
| 5/22/2012 | 39         | 7/22/2012 | 34         | 9/21/2012 | 20         | 11/21/2012 | 15         | 1/21/2013  | 15         | 3/24/2013 |            |
| 5/23/2012 | 39         | 7/23/2012 | 33         | 9/22/2012 | 19         | 11/22/2012 | 15         | 1/22/2013  | 15         | 3/25/2013 |            |
| 5/24/2012 | 38         | 7/24/2012 | 32         | 9/23/2012 | 19         | 11/23/2012 | 15         | 1/23/2013  | 17         | 3/26/2013 |            |
| 5/25/2012 | 39         | 7/25/2012 | 30         | 9/24/2012 | 19         | 11/24/2012 | 14         | 1/24/2013  | 16         | 3/27/2013 |            |
| 5/26/2012 | 38         | 7/26/2012 | 30         | 9/25/2012 | 20         | 11/25/2012 | 14         | 1/25/2013  | 16         | 3/28/2013 |            |
| 5/27/2012 | 38         | 7/27/2012 | 29         | 9/26/2012 | 20         | 11/26/2012 | 13         | 1/26/2013  | 15         | 3/29/2013 |            |
| 5/28/2012 | 38         | 7/28/2012 | 29         | 9/27/2012 | 21         | 11/27/2012 | 14         | 1/27/2013  | 15         | 3/30/2013 |            |
| 5/29/2012 | 38         | 7/29/2012 | 29         | 9/28/2012 | 19         | 11/28/2012 | 14         | 1/28/2013  | 15         | 3/31/2013 |            |
| 5/30/2012 | 38         | 7/30/2012 | 28         | 9/29/2012 | 18         | 11/29/2012 | 14         | 1/29/2013  | 16         |           |            |
| 5/31/2012 | 39         | 7/31/2012 | 27         | 9/30/2012 | 19         | 11/30/2012 | 14         | 1/30/2013  | 16         |           |            |
|           |            |           |            |           |            |            |            | 1/31/2013  | 16         |           |            |

## **6. APPENDIX B: DAILY AVERAGE DEPTH TO WATER TABLE**

**6.1 DAILY AVERAGE DEPTH TO WATER TABLE AT 8C-2**

| Date    | Depth (ft) | Date    | Depth (ft) | Date    | Depth (ft) | Date     | Depth (ft) | Date     | Depth (ft) |
|---------|------------|---------|------------|---------|------------|----------|------------|----------|------------|
| 4/1/12  | 4.6        | 6/1/12  | 4.3        | 8/1/12  | 5.4        | 10/1/12  | 6.5        | 12/1/12  | 6.4        |
| 4/2/12  | 4.6        | 6/2/12  | 4.2        | 8/2/12  | 5.5        | 10/2/12  | 6.5        | 12/2/12  | 6.4        |
| 4/3/12  | 4.6        | 6/3/12  | 4.2        | 8/3/12  | 5.5        | 10/3/12  | 6.5        | 12/3/12  | 6.1        |
| 4/4/12  | 4.6        | 6/4/12  | 4.2        | 8/4/12  | 5.5        | 10/4/12  | 6.5        | 12/4/12  | 6.1        |
| 4/5/12  | 4.6        | 6/5/12  | 4.2        | 8/5/12  | 5.5        | 10/5/12  | 6.5        | 12/5/12  | 6.2        |
| 4/6/12  | 4.7        | 6/6/12  | 4.2        | 8/6/12  | 5.5        | 10/6/12  | 6.5        | 12/6/12  | 6.3        |
| 4/7/12  | 4.7        | 6/7/12  | 4.2        | 8/7/12  | 5.5        | 10/7/12  | 6.5        | 12/7/12  | 6.4        |
| 4/8/12  | 4.7        | 6/8/12  | 4.3        | 8/8/12  | 5.5        | 10/8/12  | 6.6        | 12/8/12  | 6.5        |
| 4/9/12  | 4.7        | 6/9/12  | 4.3        | 8/9/12  | 5.5        | 10/9/12  | 6.6        | 12/9/12  | 6.5        |
| 4/10/12 | 4.7        | 6/10/12 | 4.3        | 8/10/12 | 5.5        | 10/10/12 | 6.5        | 12/10/12 | 6.5        |
| 4/11/12 | 4.7        | 6/11/12 | 4.3        | 8/11/12 | 5.6        | 10/11/12 | 6.5        | 12/11/12 | 6.5        |
| 4/12/12 | 4.7        | 6/12/12 | 4.4        | 8/12/12 | 5.5        | 10/12/12 | 6.4        | 12/12/12 | 6.4        |
| 4/13/12 | 4.7        | 6/13/12 | 4.5        | 8/13/12 | 5.5        | 10/13/12 | 6.3        | 12/13/12 | 6.5        |
| 4/14/12 | 4.7        | 6/14/12 | 4.6        | 8/14/12 | 5.5        | 10/14/12 | 6.3        | 12/14/12 |            |
| 4/15/12 | 4.7        | 6/15/12 | 4.5        | 8/15/12 | 5.4        | 10/15/12 | 6.3        | 12/15/12 |            |
| 4/16/12 | 4.7        | 6/16/12 | 4.5        | 8/16/12 | 5.3        | 10/16/12 | 6.3        | 12/16/12 |            |
| 4/17/12 | 4.7        | 6/17/12 | 4.5        | 8/17/12 | 5.4        | 10/17/12 | 6.3        | 12/17/12 |            |
| 4/18/12 | 4.7        | 6/18/12 | 4.6        | 8/18/12 | 5.5        | 10/18/12 | 6.4        | 12/18/12 |            |
| 4/19/12 | 4.7        | 6/19/12 | 4.6        | 8/19/12 | 5.3        | 10/19/12 | 6.4        | 12/19/12 |            |
| 4/20/12 | 4.6        | 6/20/12 | 4.7        | 8/20/12 | 5.3        | 10/20/12 | 6.4        | 12/20/12 |            |
| 4/21/12 | 4.6        | 6/21/12 | 4.8        | 8/21/12 | 5.5        | 10/21/12 | 6.5        | 12/21/12 |            |
| 4/22/12 | 4.6        | 6/22/12 | 4.8        | 8/22/12 | 5.6        | 10/22/12 | 6.5        | 12/22/12 |            |
| 4/23/12 | 4.5        | 6/23/12 | 4.8        | 8/23/12 | 5.6        | 10/23/12 | 6.6        | 12/23/12 |            |
| 4/24/12 | 4.4        | 6/24/12 | 4.9        | 8/24/12 | 5.7        | 10/24/12 | 6.6        | 12/24/12 |            |
| 4/25/12 | 4.1        | 6/25/12 | 5.0        | 8/25/12 | 5.8        | 10/25/12 | 6.7        | 12/25/12 |            |
| 4/26/12 | 4.0        | 6/26/12 | 5.1        | 8/26/12 | 5.8        | 10/26/12 | 6.7        | 12/26/12 |            |
| 4/27/12 | 3.9        | 6/27/12 | 5.1        | 8/27/12 | 5.9        | 10/27/12 | 6.7        | 12/27/12 |            |
| 4/28/12 | 4.0        | 6/28/12 | 5.1        | 8/28/12 | 6.0        | 10/28/12 | 6.7        | 12/28/12 |            |
| 4/29/12 | 4.0        | 6/29/12 | 5.2        | 8/29/12 | 6.1        | 10/29/12 | 6.7        | 12/29/12 |            |
| 4/30/12 | 4.1        | 6/30/12 | 5.2        | 8/30/12 | 6.1        | 10/30/12 | 6.7        | 12/30/12 |            |
|         |            |         |            | 8/31/12 | 6.1        | 10/31/12 | 6.7        | 12/31/12 |            |
| 5/1/12  | 4.2        | 7/1/12  | 5.1        |         |            |          |            |          |            |
| 5/2/12  | 4.3        | 7/2/12  | 5.1        | 9/1/12  | 6.2        | 11/1/12  | 6.7        |          |            |
| 5/3/12  | 4.3        | 7/3/12  | 5.1        | 9/2/12  | 6.2        | 11/2/12  | 6.7        |          |            |
| 5/4/12  | 4.3        | 7/4/12  | 5.2        | 9/3/12  | 6.3        | 11/3/12  | 6.7        |          |            |
| 5/5/12  | 4.4        | 7/5/12  | 5.2        | 9/4/12  | 6.3        | 11/4/12  | 6.8        |          |            |
| 5/6/12  | 4.4        | 7/6/12  | 5.2        | 9/5/12  | 6.3        | 11/5/12  | 6.8        |          |            |
| 5/7/12  | 4.5        | 7/7/12  | 5.2        | 9/6/12  | 6.3        | 11/6/12  | 6.8        |          |            |
| 5/8/12  | 4.5        | 7/8/12  | 5.2        | 9/7/12  | 6.3        | 11/7/12  | 6.8        |          |            |
| 5/9/12  | 4.6        | 7/9/12  | 5.2        | 9/8/12  | 6.3        | 11/8/12  | 6.8        |          |            |
| 5/10/12 | 4.6        | 7/10/12 | 5.2        | 9/9/12  | 6.3        | 11/9/12  | 6.8        |          |            |
| 5/11/12 | 4.6        | 7/11/12 | 5.2        | 9/10/12 | 6.3        | 11/10/12 | 6.9        |          |            |
| 5/12/12 | 4.4        | 7/12/12 | 5.2        | 9/11/12 | 6.3        | 11/11/12 | 6.9        |          |            |
| 5/13/12 | 4.3        | 7/13/12 | 5.0        | 9/12/12 | 6.3        | 11/12/12 | 6.9        |          |            |
| 5/14/12 | 4.2        | 7/14/12 | 4.9        | 9/13/12 | 6.4        | 11/13/12 | 6.8        |          |            |
| 5/15/12 | 4.2        | 7/15/12 | 5.0        | 9/14/12 | 6.4        | 11/14/12 | 6.8        |          |            |
| 5/16/12 | 4.3        | 7/16/12 | 5.0        | 9/15/12 | 6.4        | 11/15/12 | 6.8        |          |            |
| 5/17/12 | 4.2        | 7/17/12 | 5.0        | 9/16/12 | 6.4        | 11/16/12 | 6.8        |          |            |
| 5/18/12 | 4.2        | 7/18/12 | 5.1        | 9/17/12 | 6.4        | 11/17/12 | 6.8        |          |            |
| 5/19/12 | 4.1        | 7/19/12 | 5.1        | 9/18/12 | 6.4        | 11/18/12 | 6.7        |          |            |
| 5/20/12 | 4.1        | 7/20/12 | 5.2        | 9/19/12 | 6.5        | 11/19/12 | 6.7        |          |            |
| 5/21/12 | 4.1        | 7/21/12 | 5.2        | 9/20/12 | 6.5        | 11/20/12 | 6.7        |          |            |
| 5/22/12 | 4.1        | 7/22/12 | 5.2        | 9/21/12 | 6.5        | 11/21/12 | 6.7        |          |            |
| 5/23/12 | 4.1        | 7/23/12 | 5.1        | 9/22/12 | 6.5        | 11/22/12 | 6.7        |          |            |
| 5/24/12 | 4.1        | 7/24/12 | 5.0        | 9/23/12 | 6.4        | 11/23/12 | 6.8        |          |            |
| 5/25/12 | 4.2        | 7/25/12 | 5.0        | 9/24/12 | 6.5        | 11/24/12 | 6.8        |          |            |
| 5/26/12 | 4.2        | 7/26/12 | 5.1        | 9/25/12 | 6.5        | 11/25/12 | 6.8        |          |            |
| 5/27/12 | 4.2        | 7/27/12 | 5.2        | 9/26/12 | 6.4        | 11/26/12 | 6.7        |          |            |
| 5/28/12 | 4.2        | 7/28/12 | 5.3        | 9/27/12 | 6.4        | 11/27/12 | 6.7        |          |            |
| 5/29/12 | 4.3        | 7/29/12 | 5.3        | 9/28/12 | 6.5        | 11/28/12 | 6.7        |          |            |
| 5/30/12 | 4.4        | 7/30/12 | 5.4        | 9/29/12 | 6.5        | 11/29/12 | 6.7        |          |            |
| 5/31/12 | 4.4        | 7/31/12 | 5.4        | 9/30/12 | 6.5        | 11/30/12 | 6.6        |          |            |

**6.2 DAILY AVERAGE DEPTH TO WATER TABLE AT 8C-4**

| Date    | Depth (ft) | Date    | Depth (ft) | Date    | Depth (ft) | Date     | Depth (ft) | Date     | Depth (ft) |
|---------|------------|---------|------------|---------|------------|----------|------------|----------|------------|
| 4/1/12  | 4.0        | 6/1/12  | 4.2        | 8/1/12  | 5.4        | 10/1/12  | 6.5        | 12/1/12  | 6.1        |
| 4/2/12  | 4.0        | 6/2/12  | 4.0        | 8/2/12  | 5.4        | 10/2/12  | 6.5        | 12/2/12  | 6.1        |
| 4/3/12  | 4.1        | 6/3/12  | 3.9        | 8/3/12  | 5.4        | 10/3/12  | 6.5        | 12/3/12  | 5.9        |
| 4/4/12  | 4.1        | 6/4/12  | 3.8        | 8/4/12  | 5.4        | 10/4/12  | 6.5        | 12/4/12  | 6.1        |
| 4/5/12  | 4.1        | 6/5/12  | 3.8        | 8/5/12  | 5.4        | 10/5/12  | 6.6        | 12/5/12  | 6.1        |
| 4/6/12  | 4.1        | 6/6/12  | 3.9        | 8/6/12  | 5.4        | 10/6/12  | 6.5        | 12/6/12  | 6.2        |
| 4/7/12  | 4.1        | 6/7/12  | 3.9        | 8/7/12  | 5.5        | 10/7/12  | 6.6        | 12/7/12  | 6.3        |
| 4/8/12  | 4.1        | 6/8/12  | 4.0        | 8/8/12  | 5.5        | 10/8/12  | 6.6        | 12/8/12  | 6.3        |
| 4/9/12  | 4.1        | 6/9/12  | 4.1        | 8/9/12  | 5.5        | 10/9/12  | 6.6        | 12/9/12  | 6.3        |
| 4/10/12 | 4.1        | 6/10/12 | 4.0        | 8/10/12 | 5.5        | 10/10/12 | 6.5        | 12/10/12 | 6.3        |
| 4/11/12 | 4.1        | 6/11/12 | 4.0        | 8/11/12 | 5.5        | 10/11/12 | 6.4        | 12/11/12 | 6.3        |
| 4/12/12 | 4.1        | 6/12/12 | 4.2        | 8/12/12 | 5.5        | 10/12/12 | 6.2        | 12/12/12 | 6.2        |
| 4/13/12 | 4.2        | 6/13/12 | 4.3        | 8/13/12 | 5.5        | 10/13/12 | 6.2        | 12/13/12 | 6.3        |
| 4/14/12 | 4.2        | 6/14/12 | 4.4        | 8/14/12 | 5.5        | 10/14/12 | 6.2        | 12/14/12 |            |
| 4/15/12 | 4.2        | 6/15/12 | 4.4        | 8/15/12 | 5.4        | 10/15/12 | 6.1        | 12/15/12 |            |
| 4/16/12 | 4.1        | 6/16/12 | 4.4        | 8/16/12 | 5.3        | 10/16/12 | 6.2        | 12/16/12 |            |
| 4/17/12 | 4.1        | 6/17/12 | 4.3        | 8/17/12 | 5.4        | 10/17/12 | 6.2        | 12/17/12 |            |
| 4/18/12 | 4.1        | 6/18/12 | 4.4        | 8/18/12 | 5.5        | 10/18/12 | 6.3        | 12/18/12 |            |
| 4/19/12 | 4.1        | 6/19/12 | 4.4        | 8/19/12 | 5.2        | 10/19/12 | 6.3        | 12/19/12 |            |
| 4/20/12 | 4.1        | 6/20/12 | 4.5        | 8/20/12 | 5.2        | 10/20/12 | 6.4        | 12/20/12 |            |
| 4/21/12 | 4.1        | 6/21/12 | 4.6        | 8/21/12 | 5.5        | 10/21/12 | 6.4        | 12/21/12 |            |
| 4/22/12 | 4.1        | 6/22/12 | 4.6        | 8/22/12 | 5.5        | 10/22/12 | 6.4        | 12/22/12 |            |
| 4/23/12 | 4.0        | 6/23/12 | 4.6        | 8/23/12 | 5.6        | 10/23/12 | 6.4        | 12/23/12 |            |
| 4/24/12 | 3.8        | 6/24/12 | 4.7        | 8/24/12 | 5.6        | 10/24/12 | 6.4        | 12/24/12 |            |
| 4/25/12 | 3.5        | 6/25/12 | 4.8        | 8/25/12 | 5.7        | 10/25/12 | 6.5        | 12/25/12 |            |
| 4/26/12 | 3.3        | 6/26/12 | 4.9        | 8/26/12 | 5.7        | 10/26/12 | 6.5        | 12/26/12 |            |
| 4/27/12 | 3.3        | 6/27/12 | 4.9        | 8/27/12 | 5.9        | 10/27/12 | 6.5        | 12/27/12 |            |
| 4/28/12 | 3.4        | 6/28/12 | 4.9        | 8/28/12 | 5.9        | 10/28/12 | 6.5        | 12/28/12 |            |
| 4/29/12 | 3.5        | 6/29/12 | 4.9        | 8/29/12 | 6.0        | 10/29/12 | 6.5        | 12/29/12 |            |
| 4/30/12 | 3.7        | 6/30/12 | 4.9        | 8/30/12 | 6.0        | 10/30/12 | 6.5        | 12/30/12 |            |
|         |            |         |            | 8/31/12 | 6.1        | 10/31/12 | 6.5        | 12/31/12 |            |
| 5/1/12  | 3.8        | 7/1/12  | 4.9        |         |            |          |            |          |            |
| 5/2/12  | 3.9        | 7/2/12  | 4.9        | 9/1/12  | 6.1        | 11/1/12  | 6.5        |          |            |
| 5/3/12  | 4.0        | 7/3/12  | 4.9        | 9/2/12  | 6.2        | 11/2/12  | 6.5        |          |            |
| 5/4/12  | 4.0        | 7/4/12  | 4.9        | 9/3/12  | 6.2        | 11/3/12  | 6.6        |          |            |
| 5/5/12  | 4.0        | 7/5/12  | 5.0        | 9/4/12  | 6.2        | 11/4/12  | 6.6        |          |            |
| 5/6/12  | 4.1        | 7/6/12  | 5.0        | 9/5/12  | 6.2        | 11/5/12  | 6.6        |          |            |
| 5/7/12  | 4.1        | 7/7/12  | 5.0        | 9/6/12  | 6.2        | 11/6/12  | 6.6        |          |            |
| 5/8/12  | 4.2        | 7/8/12  | 5.0        | 9/7/12  | 6.2        | 11/7/12  | 6.6        |          |            |
| 5/9/12  | 4.2        | 7/9/12  | 5.0        | 9/8/12  | 6.2        | 11/8/12  | 6.6        |          |            |
| 5/10/12 | 4.2        | 7/10/12 | 5.0        | 9/9/12  | 6.2        | 11/9/12  | 6.6        |          |            |
| 5/11/12 | 4.2        | 7/11/12 | 5.0        | 9/10/12 | 6.2        | 11/10/12 | 6.6        |          |            |
| 5/12/12 | 4.1        | 7/12/12 | 5.0        | 9/11/12 | 6.3        | 11/11/12 | 6.6        |          |            |
| 5/13/12 | 4.0        | 7/13/12 | 5.0        | 9/12/12 | 6.3        | 11/12/12 | 6.5        |          |            |
| 5/14/12 | 3.9        | 7/14/12 | 4.9        | 9/13/12 | 6.3        | 11/13/12 | 6.5        |          |            |
| 5/15/12 | 4.0        | 7/15/12 | 4.9        | 9/14/12 | 6.3        | 11/14/12 | 6.5        |          |            |
| 5/16/12 | 4.1        | 7/16/12 | 4.9        | 9/15/12 | 6.4        | 11/15/12 | 6.4        |          |            |
| 5/17/12 | 4.0        | 7/17/12 | 5.0        | 9/16/12 | 6.4        | 11/16/12 | 6.5        |          |            |
| 5/18/12 | 3.9        | 7/18/12 | 5.0        | 9/17/12 | 6.4        | 11/17/12 | 6.6        |          |            |
| 5/19/12 | 3.9        | 7/19/12 | 5.1        | 9/18/12 | 6.4        | 11/18/12 | 6.4        |          |            |
| 5/20/12 | 3.9        | 7/20/12 | 5.1        | 9/19/12 | 6.4        | 11/19/12 | 6.4        |          |            |
| 5/21/12 | 3.9        | 7/21/12 | 5.1        | 9/20/12 | 6.4        | 11/20/12 | 6.5        |          |            |
| 5/22/12 | 3.8        | 7/22/12 | 5.1        | 9/21/12 | 6.4        | 11/21/12 | 6.4        |          |            |
| 5/23/12 | 3.8        | 7/23/12 | 5.0        | 9/22/12 | 6.5        | 11/22/12 | 6.5        |          |            |
| 5/24/12 | 3.9        | 7/24/12 | 5.0        | 9/23/12 | 6.5        | 11/23/12 | 6.5        |          |            |
| 5/25/12 | 4.0        | 7/25/12 | 5.0        | 9/24/12 | 6.5        | 11/24/12 | 6.5        |          |            |
| 5/26/12 | 4.0        | 7/26/12 | 5.1        | 9/25/12 | 6.5        | 11/25/12 | 6.5        |          |            |
| 5/27/12 | 4.1        | 7/27/12 | 5.1        | 9/26/12 | 6.5        | 11/26/12 | 6.5        |          |            |
| 5/28/12 | 4.1        | 7/28/12 | 5.2        | 9/27/12 | 6.5        | 11/27/12 | 6.5        |          |            |
| 5/29/12 | 4.2        | 7/29/12 | 5.3        | 9/28/12 | 6.5        | 11/28/12 | 6.4        |          |            |
| 5/30/12 | 4.2        | 7/30/12 | 5.3        | 9/29/12 | 6.5        | 11/29/12 | 6.4        |          |            |
| 5/31/12 | 4.3        | 7/31/12 | 5.3        | 9/30/12 | 6.5        | 11/30/12 | 6.3        |          |            |

**6.3 DAILY AVERAGE DEPTH TO WATER TABLE AT 8C-5**

| Date    | Depth (ft) | Date    | Depth (ft) | Date    | Depth (ft) | Date     | Depth (ft) | Date     | Depth (ft) |
|---------|------------|---------|------------|---------|------------|----------|------------|----------|------------|
| 4/1/12  | 2.1        | 6/1/12  | 2.2        | 8/1/12  | 2.7        | 10/1/12  | 3.4        | 12/1/12  | 3.1        |
| 4/2/12  | 2.1        | 6/2/12  | 2.1        | 8/2/12  | 2.8        | 10/2/12  | 3.4        | 12/2/12  | 3.1        |
| 4/3/12  | 2.1        | 6/3/12  | 2.1        | 8/3/12  | 2.8        | 10/3/12  | 3.4        | 12/3/12  | 3.0        |
| 4/4/12  | 2.2        | 6/4/12  | 2.1        | 8/4/12  | 2.8        | 10/4/12  | 3.4        | 12/4/12  | 3.1        |
| 4/5/12  | 2.2        | 6/5/12  | 2.1        | 8/5/12  | 2.8        | 10/5/12  | 3.4        | 12/5/12  | 3.1        |
| 4/6/12  | 2.2        | 6/6/12  | 2.1        | 8/6/12  | 2.8        | 10/6/12  | 3.4        | 12/6/12  | 3.2        |
| 4/7/12  | 2.2        | 6/7/12  | 2.1        | 8/7/12  | 2.8        | 10/7/12  | 3.4        | 12/7/12  | 3.2        |
| 4/8/12  | 2.2        | 6/8/12  | 2.2        | 8/8/12  | 2.8        | 10/8/12  | 3.5        | 12/8/12  | 3.2        |
| 4/9/12  | 2.2        | 6/9/12  | 2.2        | 8/9/12  | 2.8        | 10/9/12  | 3.4        | 12/9/12  | 3.2        |
| 4/10/12 | 2.2        | 6/10/12 | 2.2        | 8/10/12 | 2.8        | 10/10/12 | 3.3        | 12/10/12 | 3.2        |
| 4/11/12 | 2.2        | 6/11/12 | 2.2        | 8/11/12 | 2.8        | 10/11/12 | 3.3        | 12/11/12 | 3.2        |
| 4/12/12 | 2.2        | 6/12/12 | 2.2        | 8/12/12 | 2.8        | 10/12/12 | 3.2        | 12/12/12 | 3.2        |
| 4/13/12 | 2.2        | 6/13/12 | 2.3        | 8/13/12 | 2.8        | 10/13/12 | 3.2        | 12/13/12 | 3.2        |
| 4/14/12 | 2.2        | 6/14/12 | 2.3        | 8/14/12 | 2.8        | 10/14/12 | 3.2        | 12/14/12 |            |
| 4/15/12 | 2.2        | 6/15/12 | 2.3        | 8/15/12 | 2.8        | 10/15/12 | 3.2        | 12/15/12 |            |
| 4/16/12 | 2.2        | 6/16/12 | 2.3        | 8/16/12 | 2.8        | 10/16/12 | 3.2        | 12/16/12 |            |
| 4/17/12 | 2.2        | 6/17/12 | 2.3        | 8/17/12 | 2.8        | 10/17/12 | 3.2        | 12/17/12 |            |
| 4/18/12 | 2.2        | 6/18/12 | 2.3        | 8/18/12 | 2.8        | 10/18/12 | 3.3        | 12/18/12 |            |
| 4/19/12 | 2.2        | 6/19/12 | 2.3        | 8/19/12 | 2.7        | 10/19/12 | 3.2        | 12/19/12 |            |
| 4/20/12 | 2.2        | 6/20/12 | 2.4        | 8/20/12 | 2.8        | 10/20/12 | 3.3        | 12/20/12 |            |
| 4/21/12 | 2.1        | 6/21/12 | 2.4        | 8/21/12 | 2.9        | 10/21/12 | 3.3        | 12/21/12 |            |
| 4/22/12 | 2.1        | 6/22/12 | 2.4        | 8/22/12 | 2.9        | 10/22/12 | 3.3        | 12/22/12 |            |
| 4/23/12 | 2.1        | 6/23/12 | 2.4        | 8/23/12 | 2.9        | 10/23/12 | 3.3        | 12/23/12 |            |
| 4/24/12 | 2.0        | 6/24/12 | 2.4        | 8/24/12 | 2.9        | 10/24/12 | 3.3        | 12/24/12 |            |
| 4/25/12 | 1.9        | 6/25/12 | 2.5        | 8/25/12 | 2.9        | 10/25/12 | 3.3        | 12/25/12 |            |
| 4/26/12 | 1.9        | 6/26/12 | 2.5        | 8/26/12 | 3.0        | 10/26/12 | 3.3        | 12/26/12 |            |
| 4/27/12 | 1.9        | 6/27/12 | 2.5        | 8/27/12 | 3.0        | 10/27/12 | 3.4        | 12/27/12 |            |
| 4/28/12 | 2.0        | 6/28/12 | 2.5        | 8/28/12 | 3.1        | 10/28/12 | 3.3        | 12/28/12 |            |
| 4/29/12 | 2.0        | 6/29/12 | 2.5        | 8/29/12 | 3.1        | 10/29/12 | 3.3        | 12/29/12 |            |
| 4/30/12 | 2.1        | 6/30/12 | 2.5        | 8/30/12 | 3.1        | 10/30/12 | 3.3        | 12/30/12 |            |
|         |            |         |            | 8/31/12 | 3.1        | 10/31/12 | 3.3        | 12/31/12 |            |
| 5/1/12  | 2.1        | 7/1/12  | 2.5        |         |            |          |            |          |            |
| 5/2/12  | 2.1        | 7/2/12  | 2.5        | 9/1/12  | 3.2        | 11/1/12  | 3.3        |          |            |
| 5/3/12  | 2.1        | 7/3/12  | 2.5        | 9/2/12  | 3.2        | 11/2/12  | 3.4        |          |            |
| 5/4/12  | 2.1        | 7/4/12  | 2.5        | 9/3/12  | 3.2        | 11/3/12  | 3.4        |          |            |
| 5/5/12  | 2.2        | 7/5/12  | 2.5        | 9/4/12  | 3.2        | 11/4/12  | 3.4        |          |            |
| 5/6/12  | 2.2        | 7/6/12  | 2.5        | 9/5/12  | 3.2        | 11/5/12  | 3.4        |          |            |
| 5/7/12  | 2.2        | 7/7/12  | 2.5        | 9/6/12  | 3.2        | 11/6/12  | 3.4        |          |            |
| 5/8/12  | 2.2        | 7/8/12  | 2.5        | 9/7/12  | 3.2        | 11/7/12  | 3.4        |          |            |
| 5/9/12  | 2.2        | 7/9/12  | 2.5        | 9/8/12  | 3.2        | 11/8/12  | 3.3        |          |            |
| 5/10/12 | 2.2        | 7/10/12 | 2.5        | 9/9/12  | 3.2        | 11/9/12  | 3.3        |          |            |
| 5/11/12 | 2.2        | 7/11/12 | 2.5        | 9/10/12 | 3.2        | 11/10/12 | 3.4        |          |            |
| 5/12/12 | 2.2        | 7/12/12 | 2.5        | 9/11/12 | 3.2        | 11/11/12 | 3.4        |          |            |
| 5/13/12 | 2.1        | 7/13/12 | 2.5        | 9/12/12 | 3.2        | 11/12/12 | 3.3        |          |            |
| 5/14/12 | 2.1        | 7/14/12 | 2.5        | 9/13/12 | 3.3        | 11/13/12 | 3.3        |          |            |
| 5/15/12 | 2.2        | 7/15/12 | 2.6        | 9/14/12 | 3.3        | 11/14/12 | 3.3        |          |            |
| 5/16/12 | 2.2        | 7/16/12 | 2.6        | 9/15/12 | 3.3        | 11/15/12 | 3.3        |          |            |
| 5/17/12 | 2.1        | 7/17/12 | 2.6        | 9/16/12 | 3.3        | 11/16/12 | 3.3        |          |            |
| 5/18/12 | 2.1        | 7/18/12 | 2.6        | 9/17/12 | 3.3        | 11/17/12 | 3.3        |          |            |
| 5/19/12 | 2.1        | 7/19/12 | 2.6        | 9/18/12 | 3.3        | 11/18/12 | 3.2        |          |            |
| 5/20/12 | 2.2        | 7/20/12 | 2.6        | 9/19/12 | 3.3        | 11/19/12 | 3.3        |          |            |
| 5/21/12 | 2.1        | 7/21/12 | 2.6        | 9/20/12 | 3.3        | 11/20/12 | 3.3        |          |            |
| 5/22/12 | 2.1        | 7/22/12 | 2.6        | 9/21/12 | 3.3        | 11/21/12 | 3.3        |          |            |
| 5/23/12 | 2.1        | 7/23/12 | 2.6        | 9/22/12 | 3.3        | 11/22/12 | 3.3        |          |            |
| 5/24/12 | 2.2        | 7/24/12 | 2.6        | 9/23/12 | 3.4        | 11/23/12 | 3.3        |          |            |
| 5/25/12 | 2.2        | 7/25/12 | 2.6        | 9/24/12 | 3.4        | 11/24/12 | 3.3        |          |            |
| 5/26/12 | 2.2        | 7/26/12 | 2.6        | 9/25/12 | 3.4        | 11/25/12 | 3.3        |          |            |
| 5/27/12 | 2.2        | 7/27/12 | 2.7        | 9/26/12 | 3.4        | 11/26/12 | 3.3        |          |            |
| 5/28/12 | 2.2        | 7/28/12 | 2.7        | 9/27/12 | 3.4        | 11/27/12 | 3.3        |          |            |
| 5/29/12 | 2.2        | 7/29/12 | 2.7        | 9/28/12 | 3.4        | 11/28/12 | 3.3        |          |            |
| 5/30/12 | 2.2        | 7/30/12 | 2.7        | 9/29/12 | 3.4        | 11/29/12 | 3.3        |          |            |
| 5/31/12 | 2.2        | 7/31/12 | 2.7        | 9/30/12 | 3.4        | 11/30/12 | 3.2        |          |            |

**6.4 DAILY AVERAGE DEPTH TO WATER TABLE AT 8C-6**

| Date    | Depth (ft) | Date    | Depth (ft) | Date    | Depth (ft) | Date     | Depth (ft) | Date     | Depth (ft) |
|---------|------------|---------|------------|---------|------------|----------|------------|----------|------------|
| 4/1/12  | 6.3        | 6/1/12  | 6.3        | 8/1/12  | 6.9        | 10/1/12  | 7.5        | 12/1/12  | 7.4        |
| 4/2/12  | 6.3        | 6/2/12  | 6.2        | 8/2/12  | 6.9        | 10/2/12  | 7.5        | 12/2/12  | 7.4        |
| 4/3/12  | 6.3        | 6/3/12  | 6.1        | 8/3/12  | 6.9        | 10/3/12  | 7.5        | 12/3/12  | 7.3        |
| 4/4/12  | 6.3        | 6/4/12  | 6.1        | 8/4/12  | 6.9        | 10/4/12  | 7.5        | 12/4/12  | 7.3        |
| 4/5/12  | 6.3        | 6/5/12  | 5.8        | 8/5/12  | 6.9        | 10/5/12  | 7.5        | 12/5/12  | 7.4        |
| 4/6/12  | 6.3        | 6/6/12  | 5.9        | 8/6/12  | 6.9        | 10/6/12  | 7.5        | 12/6/12  | 7.4        |
| 4/7/12  | 6.3        | 6/7/12  | 5.9        | 8/7/12  | 6.9        | 10/7/12  | 7.5        | 12/7/12  | 7.4        |
| 4/8/12  | 6.3        | 6/8/12  | 6.0        | 8/8/12  | 7.0        | 10/8/12  | 7.5        | 12/8/12  | 7.4        |
| 4/9/12  | 6.3        | 6/9/12  | 6.1        | 8/9/12  | 7.0        | 10/9/12  | 7.5        | 12/9/12  | 7.4        |
| 4/10/12 | 6.3        | 6/10/12 | 6.1        | 8/10/12 | 7.0        | 10/10/12 | 7.5        | 12/10/12 | 7.4        |
| 4/11/12 | 6.3        | 6/11/12 | 6.1        | 8/11/12 | 7.0        | 10/11/12 | 7.4        | 12/11/12 | 7.4        |
| 4/12/12 | 6.4        | 6/12/12 | 6.2        | 8/12/12 | 6.9        | 10/12/12 | 7.3        | 12/12/12 | 7.4        |
| 4/13/12 | 6.4        | 6/13/12 | 6.2        | 8/13/12 | 6.9        | 10/13/12 | 7.3        | 12/13/12 | 7.4        |
| 4/14/12 | 6.4        | 6/14/12 | 6.3        | 8/14/12 | 6.9        | 10/14/12 | 7.3        | 12/14/12 |            |
| 4/15/12 | 6.4        | 6/15/12 | 6.3        | 8/15/12 | 6.9        | 10/15/12 | 7.3        | 12/15/12 |            |
| 4/16/12 | 6.4        | 6/16/12 | 6.3        | 8/16/12 | 6.9        | 10/16/12 | 7.3        | 12/16/12 |            |
| 4/17/12 | 6.4        | 6/17/12 | 6.3        | 8/17/12 | 6.9        | 10/17/12 | 7.3        | 12/17/12 |            |
| 4/18/12 | 6.4        | 6/18/12 | 6.3        | 8/18/12 | 6.9        | 10/18/12 | 7.4        | 12/18/12 |            |
| 4/19/12 | 6.4        | 6/19/12 | 6.3        | 8/19/12 | 6.8        | 10/19/12 | 7.4        | 12/19/12 |            |
| 4/20/12 | 6.4        | 6/20/12 | 6.4        | 8/20/12 | 6.8        | 10/20/12 | 7.4        | 12/20/12 |            |
| 4/21/12 | 6.4        | 6/21/12 | 6.4        | 8/21/12 | 6.9        | 10/21/12 | 7.4        | 12/21/12 |            |
| 4/22/12 | 6.3        | 6/22/12 | 6.4        | 8/22/12 | 6.9        | 10/22/12 | 7.4        | 12/22/12 |            |
| 4/23/12 | 6.3        | 6/23/12 | 6.4        | 8/23/12 | 6.9        | 10/23/12 | 7.4        | 12/23/12 |            |
| 4/24/12 | 6.3        | 6/24/12 | 6.5        | 8/24/12 | 7.0        | 10/24/12 | 7.4        | 12/24/12 |            |
| 4/25/12 | 6.0        | 6/25/12 | 6.5        | 8/25/12 | 7.0        | 10/25/12 | 7.4        | 12/25/12 |            |
| 4/26/12 | 5.2        | 6/26/12 | 6.5        | 8/26/12 | 7.0        | 10/26/12 | 7.4        | 12/26/12 |            |
| 4/27/12 | 4.1        | 6/27/12 | 6.6        | 8/27/12 | 7.0        | 10/27/12 | 7.5        | 12/27/12 |            |
| 4/28/12 | 5.3        | 6/28/12 | 6.6        | 8/28/12 | 7.1        | 10/28/12 | 7.5        | 12/28/12 |            |
| 4/29/12 | 5.7        | 6/29/12 | 6.6        | 8/29/12 | 7.1        | 10/29/12 | 7.5        | 12/29/12 |            |
| 4/30/12 | 5.9        | 6/30/12 | 6.6        | 8/30/12 | 7.2        | 10/30/12 | 7.5        | 12/30/12 |            |
|         |            |         |            | 8/31/12 | 7.2        | 10/31/12 | 7.5        | 12/31/12 |            |
| 5/1/12  | 6.0        | 7/1/12  | 6.6        |         |            |          |            |          |            |
| 5/2/12  | 6.1        | 7/2/12  | 6.6        | 9/1/12  | 7.2        | 11/1/12  | 7.5        |          |            |
| 5/3/12  | 6.1        | 7/3/12  | 6.6        | 9/2/12  | 7.2        | 11/2/12  | 7.5        |          |            |
| 5/4/12  | 6.1        | 7/4/12  | 6.6        | 9/3/12  | 7.2        | 11/3/12  | 7.5        |          |            |
| 5/5/12  | 6.2        | 7/5/12  | 6.6        | 9/4/12  | 7.3        | 11/4/12  | 7.5        |          |            |
| 5/6/12  | 6.2        | 7/6/12  | 6.7        | 9/5/12  | 7.3        | 11/5/12  | 7.5        |          |            |
| 5/7/12  | 6.2        | 7/7/12  | 6.7        | 9/6/12  | 7.3        | 11/6/12  | 7.5        |          |            |
| 5/8/12  | 6.3        | 7/8/12  | 6.7        | 9/7/12  | 7.3        | 11/7/12  | 7.5        |          |            |
| 5/9/12  | 6.3        | 7/9/12  | 6.7        | 9/8/12  | 7.3        | 11/8/12  | 7.5        |          |            |
| 5/10/12 | 6.3        | 7/10/12 | 6.7        | 9/9/12  | 7.3        | 11/9/12  | 7.5        |          |            |
| 5/11/12 | 6.3        | 7/11/12 | 6.7        | 9/10/12 | 7.3        | 11/10/12 | 7.5        |          |            |
| 5/12/12 | 6.3        | 7/12/12 | 6.7        | 9/11/12 | 7.3        | 11/11/12 | 7.5        |          |            |
| 5/13/12 | 6.3        | 7/13/12 | 6.7        | 9/12/12 | 7.3        | 11/12/12 | 7.5        |          |            |
| 5/14/12 | 6.2        | 7/14/12 | 6.7        | 9/13/12 | 7.3        | 11/13/12 | 7.5        |          |            |
| 5/15/12 | 6.2        | 7/15/12 | 6.7        | 9/14/12 | 7.3        | 11/14/12 | 7.5        |          |            |
| 5/16/12 | 6.3        | 7/16/12 | 6.7        | 9/15/12 | 7.4        | 11/15/12 | 7.5        |          |            |
| 5/17/12 | 6.3        | 7/17/12 | 6.7        | 9/16/12 | 7.4        | 11/16/12 | 7.5        |          |            |
| 5/18/12 | 6.2        | 7/18/12 | 6.7        | 9/17/12 | 7.4        | 11/17/12 | 7.5        |          |            |
| 5/19/12 | 6.2        | 7/19/12 | 6.7        | 9/18/12 | 7.4        | 11/18/12 | 7.5        |          |            |
| 5/20/12 | 6.2        | 7/20/12 | 6.8        | 9/19/12 | 7.4        | 11/19/12 | 7.5        |          |            |
| 5/21/12 | 6.2        | 7/21/12 | 6.8        | 9/20/12 | 7.4        | 11/20/12 | 7.5        |          |            |
| 5/22/12 | 6.2        | 7/22/12 | 6.8        | 9/21/12 | 7.4        | 11/21/12 | 7.5        |          |            |
| 5/23/12 | 6.1        | 7/23/12 | 6.7        | 9/22/12 | 7.4        | 11/22/12 | 7.5        |          |            |
| 5/24/12 | 6.1        | 7/24/12 | 6.7        | 9/23/12 | 7.4        | 11/23/12 | 7.5        |          |            |
| 5/25/12 | 6.2        | 7/25/12 | 6.7        | 9/24/12 | 7.4        | 11/24/12 | 7.5        |          |            |
| 5/26/12 | 6.2        | 7/26/12 | 6.8        | 9/25/12 | 7.4        | 11/25/12 | 7.5        |          |            |
| 5/27/12 | 6.2        | 7/27/12 | 6.8        | 9/26/12 | 7.4        | 11/26/12 | 7.5        |          |            |
| 5/28/12 | 6.2        | 7/28/12 | 6.8        | 9/27/12 | 7.4        | 11/27/12 | 7.5        |          |            |
| 5/29/12 | 6.2        | 7/29/12 | 6.8        | 9/28/12 | 7.4        | 11/28/12 | 7.5        |          |            |
| 5/30/12 | 6.3        | 7/30/12 | 6.9        | 9/29/12 | 7.4        | 11/29/12 | 7.5        |          |            |
| 5/31/12 | 6.3        | 7/31/12 | 6.9        | 9/30/12 | 7.4        | 11/30/12 | 7.5        |          |            |

**6.5 DAILY DEPTH TO WATER TABLE AT 8C-7**

| Date    | Depth (ft) | Date    | Depth (ft) | Date    | Depth (ft) | Date     | Depth (ft) | Date     | Depth (ft) |
|---------|------------|---------|------------|---------|------------|----------|------------|----------|------------|
| 4/1/12  | 8.2        | 6/1/12  | 8.2        | 8/1/12  | 8.6        | 10/1/12  | 9.0        | 12/1/12  | 9.1        |
| 4/2/12  | 8.3        | 6/2/12  | 8.2        | 8/2/12  | 8.6        | 10/2/12  | 9.0        | 12/2/12  | 9.0        |
| 4/3/12  | 8.3        | 6/3/12  | 8.2        | 8/3/12  | 8.7        | 10/3/12  | 9.0        | 12/3/12  | 9.0        |
| 4/4/12  | 8.3        | 6/4/12  | 8.2        | 8/4/12  | 8.7        | 10/4/12  | 9.0        | 12/4/12  | 9.0        |
| 4/5/12  | 8.3        | 6/5/12  | 8.1        | 8/5/12  | 8.7        | 10/5/12  | 9.0        | 12/5/12  | 9.0        |
| 4/6/12  | 8.3        | 6/6/12  | 8.1        | 8/6/12  | 8.7        | 10/6/12  | 9.0        | 12/6/12  | 9.1        |
| 4/7/12  | 8.3        | 6/7/12  | 8.1        | 8/7/12  | 8.7        | 10/7/12  | 9.0        | 12/7/12  | 9.1        |
| 4/8/12  | 8.3        | 6/8/12  | 8.1        | 8/8/12  | 8.7        | 10/8/12  | 9.0        | 12/8/12  | 9.1        |
| 4/9/12  | 8.3        | 6/9/12  | 8.2        | 8/9/12  | 8.7        | 10/9/12  | 9.0        | 12/9/12  | 9.1        |
| 4/10/12 | 8.3        | 6/10/12 | 8.2        | 8/10/12 | 8.7        | 10/10/12 | 9.0        | 12/10/12 | 9.1        |
| 4/11/12 | 8.3        | 6/11/12 | 8.2        | 8/11/12 | 8.7        | 10/11/12 | 9.0        | 12/11/12 | 9.1        |
| 4/12/12 | 8.3        | 6/12/12 | 8.2        | 8/12/12 | 8.7        | 10/12/12 | 8.9        | 12/12/12 | 9.1        |
| 4/13/12 | 8.3        | 6/13/12 | 8.2        | 8/13/12 | 8.7        | 10/13/12 | 8.9        | 12/13/12 | 9.1        |
| 4/14/12 | 8.3        | 6/14/12 | 8.3        | 8/14/12 | 8.6        | 10/14/12 | 8.9        | 12/14/12 |            |
| 4/15/12 | 8.3        | 6/15/12 | 8.3        | 8/15/12 | 8.6        | 10/15/12 | 8.9        | 12/15/12 |            |
| 4/16/12 | 8.3        | 6/16/12 | 8.3        | 8/16/12 | 8.6        | 10/16/12 | 8.9        | 12/16/12 |            |
| 4/17/12 | 8.3        | 6/17/12 | 8.3        | 8/17/12 | 8.6        | 10/17/12 | 8.9        | 12/17/12 |            |
| 4/18/12 | 8.3        | 6/18/12 | 8.3        | 8/18/12 | 8.6        | 10/18/12 | 8.9        | 12/18/12 |            |
| 4/19/12 | 8.3        | 6/19/12 | 8.3        | 8/19/12 | 8.6        | 10/19/12 | 8.9        | 12/19/12 |            |
| 4/20/12 | 8.3        | 6/20/12 | 8.3        | 8/20/12 | 8.6        | 10/20/12 | 9.0        | 12/20/12 |            |
| 4/21/12 | 8.3        | 6/21/12 | 8.3        | 8/21/12 | 8.6        | 10/21/12 | 9.0        | 12/21/12 |            |
| 4/22/12 | 8.3        | 6/22/12 | 8.3        | 8/22/12 | 8.6        | 10/22/12 | 9.0        | 12/22/12 |            |
| 4/23/12 | 8.2        | 6/23/12 | 8.3        | 8/23/12 | 8.6        | 10/23/12 | 9.0        | 12/23/12 |            |
| 4/24/12 | 8.2        | 6/24/12 | 8.4        | 8/24/12 | 8.7        | 10/24/12 | 9.0        | 12/24/12 |            |
| 4/25/12 | 8.1        | 6/25/12 | 8.4        | 8/25/12 | 8.7        | 10/25/12 | 9.0        | 12/25/12 |            |
| 4/26/12 | 8.0        | 6/26/12 | 8.4        | 8/26/12 | 8.7        | 10/26/12 | 9.0        | 12/26/12 |            |
| 4/27/12 | 7.8        | 6/27/12 | 8.4        | 8/27/12 | 8.7        | 10/27/12 | 9.0        | 12/27/12 |            |
| 4/28/12 | 7.9        | 6/28/12 | 8.4        | 8/28/12 | 8.7        | 10/28/12 | 9.0        | 12/28/12 |            |
| 4/29/12 | 8.0        | 6/29/12 | 8.4        | 8/29/12 | 8.8        | 10/29/12 | 9.0        | 12/29/12 |            |
| 4/30/12 | 8.0        | 6/30/12 | 8.4        | 8/30/12 | 8.8        | 10/30/12 | 9.0        | 12/30/12 |            |
|         |            |         |            | 8/31/12 | 8.8        | 10/31/12 | 9.0        | 12/31/12 |            |
| 5/1/12  | 8.1        | 7/1/12  | 8.5        |         |            |          |            |          |            |
| 5/2/12  | 8.1        | 7/2/12  | 8.5        | 9/1/12  | 8.8        | 11/1/12  | 9.0        |          |            |
| 5/3/12  | 8.1        | 7/3/12  | 8.5        | 9/2/12  | 8.8        | 11/2/12  | 9.0        |          |            |
| 5/4/12  | 8.2        | 7/4/12  | 8.5        | 9/3/12  | 8.8        | 11/3/12  | 9.0        |          |            |
| 5/5/12  | 8.2        | 7/5/12  | 8.5        | 9/4/12  | 8.9        | 11/4/12  | 9.1        |          |            |
| 5/6/12  | 8.2        | 7/6/12  | 8.5        | 9/5/12  | 8.9        | 11/5/12  | 9.1        |          |            |
| 5/7/12  | 8.2        | 7/7/12  | 8.5        | 9/6/12  | 8.9        | 11/6/12  | 9.1        |          |            |
| 5/8/12  | 8.2        | 7/8/12  | 8.5        | 9/7/12  | 8.9        | 11/7/12  | 9.1        |          |            |
| 5/9/12  | 8.2        | 7/9/12  | 8.5        | 9/8/12  | 8.9        | 11/8/12  | 9.0        |          |            |
| 5/10/12 | 8.2        | 7/10/12 | 8.5        | 9/9/12  | 8.9        | 11/9/12  | 9.0        |          |            |
| 5/11/12 | 8.2        | 7/11/12 | 8.5        | 9/10/12 | 8.9        | 11/10/12 | 9.1        |          |            |
| 5/12/12 | 8.2        | 7/12/12 | 8.5        | 9/11/12 | 8.9        | 11/11/12 | 9.1        |          |            |
| 5/13/12 | 8.2        | 7/13/12 | 8.5        | 9/12/12 | 8.9        | 11/12/12 | 9.1        |          |            |
| 5/14/12 | 8.2        | 7/14/12 | 8.5        | 9/13/12 | 8.9        | 11/13/12 | 9.1        |          |            |
| 5/15/12 | 8.2        | 7/15/12 | 8.5        | 9/14/12 | 8.9        | 11/14/12 | 9.1        |          |            |
| 5/16/12 | 8.2        | 7/16/12 | 8.5        | 9/15/12 | 8.9        | 11/15/12 | 9.1        |          |            |
| 5/17/12 | 8.2        | 7/17/12 | 8.5        | 9/16/12 | 8.9        | 11/16/12 | 9.1        |          |            |
| 5/18/12 | 8.2        | 7/18/12 | 8.5        | 9/17/12 | 8.9        | 11/17/12 | 9.1        |          |            |
| 5/19/12 | 8.2        | 7/19/12 | 8.5        | 9/18/12 | 8.9        | 11/18/12 | 9.1        |          |            |
| 5/20/12 | 8.2        | 7/20/12 | 8.6        | 9/19/12 | 8.9        | 11/19/12 | 9.1        |          |            |
| 5/21/12 | 8.2        | 7/21/12 | 8.6        | 9/20/12 | 8.9        | 11/20/12 | 9.1        |          |            |
| 5/22/12 | 8.2        | 7/22/12 | 8.6        | 9/21/12 | 8.9        | 11/21/12 | 9.1        |          |            |
| 5/23/12 | 8.2        | 7/23/12 | 8.5        | 9/22/12 | 8.9        | 11/22/12 | 9.1        |          |            |
| 5/24/12 | 8.2        | 7/24/12 | 8.5        | 9/23/12 | 9.0        | 11/23/12 | 9.1        |          |            |
| 5/25/12 | 8.2        | 7/25/12 | 8.5        | 9/24/12 | 9.0        | 11/24/12 | 9.1        |          |            |
| 5/26/12 | 8.2        | 7/26/12 | 8.6        | 9/25/12 | 9.0        | 11/25/12 | 9.1        |          |            |
| 5/27/12 | 8.2        | 7/27/12 | 8.6        | 9/26/12 | 9.0        | 11/26/12 | 9.1        |          |            |
| 5/28/12 | 8.2        | 7/28/12 | 8.6        | 9/27/12 | 9.0        | 11/27/12 | 9.1        |          |            |
| 5/29/12 | 8.2        | 7/29/12 | 8.6        | 9/28/12 | 9.0        | 11/28/12 | 9.1        |          |            |
| 5/30/12 | 8.2        | 7/30/12 | 8.6        | 9/29/12 | 9.0        | 11/29/12 | 9.1        |          |            |
| 5/31/12 | 8.2        | 7/31/12 | 8.6        | 9/30/12 | 9.0        | 11/30/12 | 9.1        |          |            |

## 7. APPENDIX C: DAILY WATER TEMPERATURE SUMMARY

### 7.1 DAILY AVERAGE, MAXIMUM, AND MINIMUM WATER TEMPERATURE (°F) AT LEE VINING CREEK BELOW INTAKE, LEE VINING CREEK AT COUNTY ROAD, PARKER CREEK BELOW CONDUIT, AND WALKER CREEK AT MOUTH

| Date      | LV Below Intake |      |      | LV County Road |      |      | Parker at Conduit |      |      | Walker at Mouth |      |      |
|-----------|-----------------|------|------|----------------|------|------|-------------------|------|------|-----------------|------|------|
|           | Mean            | Max  | Min  | Mean           | Max  | Min  | Mean              | Max  | Min  | Mean            | Max  | Min  |
| 4/1/2012  | 37.1            | 41.4 | 33.7 | 38.9           | 44.6 | 34.7 | 35.5              | 40.1 | 32.4 | 37.8            | 45.6 | 32.6 |
| 4/2/2012  | 38.1            | 42.3 | 34.0 | 39.6           | 45.9 | 34.2 | 36.2              | 41.9 | 32.5 | 38.2            | 48.5 | 32.1 |
| 4/3/2012  | 39.0            | 43.3 | 36.0 | 41.0           | 46.8 | 37.1 | 38.6              | 44.4 | 35.1 | 39.8            | 48.6 | 33.7 |
| 4/4/2012  | 39.8            | 43.7 | 36.7 | 42.1           | 48.5 | 37.8 | 40.4              | 45.4 | 37.2 | 41.9            | 51.1 | 35.6 |
| 4/5/2012  | 37.0            | 40.0 | 34.2 | 38.9           | 44.7 | 35.2 | 36.1              | 40.3 | 33.6 | 37.6            | 46.2 | 32.0 |
| 4/6/2012  | 36.1            | 40.2 | 33.3 | 37.0           | 43.3 | 32.0 | 34.3              | 38.2 | 32.2 | 36.1            | 43.5 | 31.9 |
| 4/7/2012  | 37.8            | 42.4 | 33.5 | 39.2           | 46.4 | 33.1 | 36.5              | 42.7 | 32.6 | 37.9            | 47.6 | 32.0 |
| 4/8/2012  | 38.8            | 43.3 | 34.7 | 41.1           | 48.2 | 35.0 | 38.6              | 44.9 | 33.8 | 39.9            | 51.1 | 32.1 |
| 4/9/2012  | 39.8            | 44.4 | 35.8 | 43.0           | 49.9 | 37.4 | 41.0              | 47.2 | 36.3 | 43.1            | 53.7 | 34.3 |
| 4/10/2012 | 41.4            | 47.3 | 36.7 | 43.9           | 50.1 | 39.1 | 41.7              | 47.0 | 38.1 | 44.2            | 53.8 | 37.1 |
| 4/11/2012 | 40.6            | 43.8 | 38.7 | 42.7           | 48.7 | 38.7 | 39.9              | 43.8 | 37.6 | 42.2            | 49.3 | 37.8 |
| 4/12/2012 | 38.1            | 41.5 | 34.9 | 39.4           | 45.1 | 35.8 | 37.2              | 41.2 | 34.1 | 39.6            | 48.2 | 32.9 |
| 4/13/2012 | 36.2            | 38.1 | 33.9 | 36.9           | 40.1 | 34.0 | 34.5              | 37.0 | 32.5 | 37.0            | 42.7 | 32.2 |
| 4/14/2012 | 37.2            | 41.8 | 34.3 | 38.3           | 44.1 | 34.2 | 35.6              | 39.7 | 32.9 | 38.6            | 46.8 | 32.7 |
| 4/15/2012 | 41.0            | 47.6 | 36.5 | 42.1           | 48.5 | 36.5 | 39.5              | 45.5 | 35.2 | 42.7            | 53.7 | 34.1 |
| 4/16/2012 | 42.2            | 48.4 | 37.5 | 43.8           | 49.8 | 38.8 | 41.5              | 47.7 | 37.0 | 43.7            | 53.3 | 35.8 |
| 4/17/2012 | 43.8            | 49.3 | 38.9 | 45.5           | 50.8 | 40.6 | 44.1              | 49.9 | 39.0 | 46.1            | 54.5 | 37.9 |
| 4/18/2012 | 42.4            | 47.6 | 39.3 | 46.6           | 51.5 | 42.7 | 45.3              | 50.7 | 41.6 | 48.3            | 56.3 | 42.0 |
| 4/19/2012 | 40.1            | 43.2 | 37.8 | 48.6           | 54.8 | 42.9 | 47.0              | 53.0 | 41.8 | 50.4            | 61.6 | 41.2 |
| 4/20/2012 | 45.0            | 54.3 | 39.0 | 50.4           | 57.8 | 44.4 | 48.5              | 55.0 | 43.3 | 52.2            | 64.0 | 42.8 |
| 4/21/2012 | 44.7            | 49.7 | 39.9 | 48.5           | 52.7 | 44.0 | 49.5              | 55.9 | 44.5 | 53.0            | 64.5 | 43.9 |
| 4/22/2012 | 41.4            | 46.3 | 37.7 | 45.6           | 50.9 | 40.1 | 50.1              | 56.1 | 45.0 | 53.4            | 64.1 | 45.1 |
| 4/23/2012 | 40.4            | 44.1 | 37.6 | 43.9           | 48.8 | 39.5 | 49.9              | 53.7 | 46.0 | 52.5            | 59.5 | 47.2 |
| 4/24/2012 | 40.2            | 43.5 | 37.7 | 43.5           | 48.5 | 39.4 | 49.9              | 54.2 | 45.9 | 52.6            | 58.5 | 47.5 |
| 4/25/2012 | 39.0            | 40.8 | 37.8 | 41.9           | 44.4 | 39.5 | 49.3              | 53.5 | 46.4 | 50.9            | 52.5 | 48.8 |
| 4/26/2012 | 39.4            | 41.7 | 37.2 | 42.6           | 47.3 | 38.7 | 47.3              | 50.6 | 43.6 | 51.4            | 56.6 | 45.9 |
| 4/27/2012 | 38.7            | 43.6 | 34.9 | 40.9           | 46.3 | 35.2 | 44.2              | 49.8 | 38.9 | 47.0            | 54.6 | 40.1 |
| 4/28/2012 | 40.2            | 45.0 | 36.5 | 42.8           | 48.0 | 37.3 | 46.3              | 51.6 | 41.4 | 48.7            | 56.8 | 42.1 |
| 4/29/2012 | 40.6            | 45.4 | 36.8 | 43.5           | 48.9 | 37.8 | 47.3              | 52.9 | 42.1 | 49.8            | 58.7 | 42.6 |
| 4/30/2012 | 41.2            | 45.0 | 38.6 | 44.0           | 47.9 | 39.6 | 48.9              | 54.3 | 44.1 | 51.2            | 58.9 | 45.0 |



FINAL REPORT: Monitoring Results for RY2012

| Date      | LV Below Intake |      |      | LV County Road |      |      | Parker at Conduit |      |      | Walker at Mouth |      |      |
|-----------|-----------------|------|------|----------------|------|------|-------------------|------|------|-----------------|------|------|
|           | Mean            | Max  | Min  | Mean           | Max  | Min  | Mean              | Max  | Min  | Mean            | Max  | Min  |
| 5/1/2012  | 41.9            | 45.9 | 39.0 | 45.5           | 50.4 | 41.1 | 49.9              | 54.0 | 46.1 | 53.2            | 60.6 | 48.1 |
| 5/2/2012  | 40.9            | 44.7 | 38.0 | 44.0           | 49.0 | 39.4 | 49.3              | 53.7 | 45.3 | 50.5            | 59.4 | 43.7 |
| 5/3/2012  | 40.8            | 44.9 | 38.2 | 44.3           | 49.3 | 40.4 | 49.3              | 53.4 | 46.1 | 51.5            | 60.2 | 47.2 |
| 5/4/2012  | 40.1            | 44.4 | 37.1 | 42.6           | 47.9 | 38.1 | 46.5              | 51.2 | 42.2 | 48.4            | 56.9 | 42.7 |
| 5/5/2012  | 39.8            | 44.5 | 36.1 | 41.9           | 47.1 | 36.7 | 45.4              | 50.7 | 40.4 | 46.5            | 55.6 | 39.1 |
| 5/6/2012  | 40.3            | 45.2 | 36.5 | 42.3           | 47.8 | 36.8 | 45.6              | 51.3 | 40.4 | 46.9            | 56.5 | 39.4 |
| 5/7/2012  | 41.0            | 46.2 | 36.9 | 42.9           | 48.6 | 37.2 | 46.4              | 52.4 | 41.0 | 47.7            | 57.8 | 39.9 |
| 5/8/2012  | 42.0            | 47.4 | 37.6 | 44.3           | 49.8 | 38.1 | 47.7              | 53.7 | 41.9 | 49.3            | 59.6 | 40.6 |
| 5/9/2012  | 43.2            | 48.7 | 39.2 | 45.9           | 51.9 | 39.9 | 49.9              | 56.3 | 44.1 | 51.9            | 62.4 | 43.4 |
| 5/10/2012 | 43.5            | 47.8 | 40.3 | 46.9           | 51.9 | 42.3 | 50.9              | 56.4 | 46.2 | 53.7            | 63.3 | 46.4 |
| 5/11/2012 | 43.1            | 47.9 | 39.4 | 45.7           | 50.9 | 40.3 | 50.4              | 55.7 | 45.2 | 52.2            | 60.9 | 45.0 |
| 5/12/2012 | 43.6            | 48.6 | 39.8 | 46.2           | 51.7 | 40.6 | 51.0              | 56.9 | 45.6 | 52.9            | 61.7 | 45.3 |
| 5/13/2012 | 43.9            | 48.3 | 40.2 | 46.6           | 51.5 | 41.2 | 51.9              | 57.4 | 46.7 | 53.8            | 62.1 | 46.3 |
| 5/14/2012 | 44.3            | 48.9 | 41.4 | 47.2           | 52.7 | 42.9 | 52.5              | 56.7 | 49.7 | 54.3            | 61.8 | 49.2 |
| 5/15/2012 | 43.0            | 48.5 | 38.6 | 45.6           | 51.3 | 39.6 | 49.7              | 55.6 | 44.3 | 51.9            | 60.9 | 44.1 |
| 5/16/2012 | 44.9            | 50.2 | 41.3 | 48.0           | 53.6 | 42.7 | 52.5              | 58.1 | 47.8 | 55.7            | 64.6 | 48.7 |
| 5/17/2012 | 43.1            | 46.3 | 40.9 | 46.6           | 51.8 | 42.7 | 51.4              | 55.8 | 47.6 | 54.1            | 62.0 | 49.0 |
| 5/18/2012 | 42.1            | 47.0 | 38.5 | 45.0           | 50.2 | 40.1 | 49.7              | 54.7 | 45.4 | 52.2            | 59.9 | 45.8 |
| 5/19/2012 | 44.2            | 49.7 | 40.0 | 46.7           | 52.7 | 40.6 | 50.6              | 56.5 | 45.6 | 53.0            | 61.2 | 45.6 |
| 5/20/2012 | 46.3            | 50.2 | 42.9 | 49.1           | 54.4 | 44.1 | 53.1              | 58.6 | 48.5 | 56.3            | 65.1 | 49.4 |
| 5/21/2012 | 47.8            | 51.6 | 45.2 | 50.2           | 54.1 | 45.5 | 53.8              | 58.8 | 49.2 | 56.5            | 62.6 | 50.4 |
| 5/22/2012 | 47.6            | 52.0 | 44.9 | 50.7           | 56.0 | 46.7 | 53.3              | 57.8 | 50.1 | 57.4            | 64.2 | 51.9 |
| 5/23/2012 | 46.7            | 51.1 | 43.8 | 49.3           | 54.7 | 44.5 | 51.5              | 56.3 | 47.9 | 54.6            | 62.1 | 48.4 |
| 5/24/2012 | 45.9            | 50.4 | 42.7 | 47.6           | 53.4 | 43.0 | 49.7              | 54.7 | 45.9 | 51.9            | 60.3 | 45.5 |
| 5/25/2012 | 42.4            | 44.3 | 40.7 | 43.5           | 47.2 | 41.7 | 45.8              | 48.5 | 43.6 | 47.2            | 51.8 | 43.5 |
| 5/26/2012 | 42.5            | 48.1 | 38.9 | 44.0           | 49.3 | 39.8 | 45.1              | 48.9 | 42.5 | 47.2            | 55.1 | 42.5 |
| 5/27/2012 | 43.2            | 50.0 | 37.9 | 44.9           | 50.2 | 38.9 | 46.0              | 52.0 | 40.7 | 48.6            | 57.6 | 41.0 |
| 5/28/2012 | 45.4            | 52.2 | 40.1 | 47.4           | 52.8 | 41.4 | 48.5              | 54.3 | 43.4 | 51.5            | 60.6 | 44.1 |
| 5/29/2012 | 46.7            | 51.9 | 41.6 | 48.7           | 53.1 | 43.0 | 49.4              | 54.6 | 44.4 | 53.0            | 62.3 | 45.3 |
| 5/30/2012 | 48.4            | 54.6 | 43.5 | 50.9           | 55.9 | 45.2 | 51.3              | 56.9 | 46.2 | 55.5            | 64.8 | 47.9 |
| 5/31/2012 | 49.2            | 54.4 | 44.6 | 52.0           | 57.4 | 46.2 | 53.0              | 58.8 | 47.7 | 57.0            | 66.1 | 49.2 |
| 6/1/2012  | 51.3            | 54.7 | 48.7 | 54.0           | 59.2 | 48.8 | 55.1              | 60.7 | 50.4 | 58.7            | 67.5 | 51.7 |
| 6/2/2012  | 52.0            | 56.3 | 49.0 | 54.8           | 59.9 | 50.3 | 54.8              | 59.5 | 50.3 | 59.0            | 67.4 | 52.1 |
| 6/3/2012  | 51.9            | 56.3 | 48.7 | 54.7           | 60.4 | 49.8 | 54.7              | 59.4 | 50.2 | 59.1            | 67.2 | 52.5 |
| 6/4/2012  | 50.8            | 54.6 | 47.5 | 52.9           | 58.2 | 48.4 | 52.1              | 55.6 | 48.0 | 56.6            | 63.6 | 51.7 |
| 6/5/2012  | 45.8            | 49.0 | 43.1 | 47.3           | 51.9 | 43.1 | 47.0              | 51.5 | 43.3 | 50.4            | 56.9 | 45.1 |
| 6/6/2012  | 45.7            | 50.5 | 42.2 | 47.5           | 53.2 | 41.9 | 47.8              | 53.4 | 43.2 | 50.6            | 59.1 | 43.4 |
| 6/7/2012  | 47.3            | 53.2 | 42.9 | 49.8           | 55.5 | 43.4 | 50.1              | 56.4 | 44.5 | 53.7            | 63.0 | 45.7 |
| 6/8/2012  | 49.6            | 54.6 | 46.2 | 52.4           | 57.4 | 47.8 | 52.9              | 57.5 | 49.2 | 56.7            | 64.3 | 51.1 |
| 6/9/2012  | 48.3            | 53.4 | 44.4 | 50.3           | 55.8 | 45.2 | 51.1              | 56.1 | 46.9 | 53.9            | 63.1 | 46.6 |
| 6/10/2012 | 47.3            | 52.6 | 42.9 | 48.9           | 54.1 | 43.0 | 49.1              | 54.9 | 43.8 | 51.6            | 61.1 | 43.7 |
| 6/11/2012 | 48.6            | 54.3 | 43.9 | 50.7           | 56.5 | 44.3 | 51.1              | 57.4 | 45.6 | 54.1            | 64.2 | 45.8 |
| 6/12/2012 | 50.6            | 56.0 | 46.3 | 53.1           | 58.6 | 47.3 | 53.7              | 59.1 | 48.9 | 57.3            | 67.2 | 49.5 |
| 6/13/2012 | 51.0            | 56.2 | 46.7 | 53.8           | 58.9 | 48.0 | 54.2              | 59.6 | 49.5 | 58.3            | 67.8 | 50.5 |
| 6/14/2012 | 51.5            | 55.4 | 47.9 | 54.6           | 59.5 | 49.3 | 55.3              | 59.9 | 51.1 | 58.9            | 67.1 | 52.0 |
| 6/15/2012 | 52.9            | 56.9 | 50.1 | 55.8           | 60.7 | 51.1 | 55.4              | 59.0 | 52.2 | 59.6            | 68.2 | 53.2 |
| 6/16/2012 | 52.6            | 57.3 | 48.9 | 55.9           | 61.0 | 50.5 | 55.2              | 60.4 | 50.8 | 60.0            | 69.4 | 52.5 |
| 6/17/2012 | 53.4            | 58.5 | 49.3 | 56.1           | 62.0 | 50.6 | 55.8              | 60.5 | 51.9 | 60.8            | 70.0 | 53.8 |
| 6/18/2012 | 53.1            | 56.9 | 50.1 | 56.0           | 60.8 | 51.9 | 54.9              | 58.8 | 51.9 | 60.3            | 68.5 | 54.8 |
| 6/19/2012 | 51.9            | 56.3 | 48.7 | 54.9           | 60.0 | 49.9 | 54.2              | 58.9 | 49.9 | 58.4            | 68.2 | 50.6 |
| 6/20/2012 | 51.9            | 56.7 | 48.1 | 54.7           | 60.2 | 48.8 | 54.2              | 59.8 | 49.3 | 58.2            | 68.7 | 49.5 |
| 6/21/2012 | 53.3            | 58.7 | 49.6 | 55.8           | 61.3 | 50.5 | 55.1              | 60.3 | 51.2 | 58.9            | 68.3 | 51.9 |
| 6/22/2012 | 51.8            | 56.7 | 48.1 | 54.5           | 59.5 | 49.8 | 53.2              | 58.0 | 49.0 | 57.8            | 66.6 | 51.5 |
| 6/23/2012 | 50.7            | 55.4 | 47.4 | 53.2           | 58.0 | 49.1 | 52.4              | 56.6 | 49.4 | 55.6            | 64.3 | 49.9 |
| 6/24/2012 | 50.0            | 56.1 | 45.4 | 52.3           | 57.4 | 46.8 | 52.2              | 57.0 | 48.3 | 55.1            | 64.6 | 48.2 |
| 6/25/2012 | 50.4            | 56.1 | 46.0 | 52.8           | 58.2 | 47.7 | 52.3              | 56.9 | 49.0 | 55.4            | 64.7 | 48.8 |
| 6/26/2012 | 50.0            | 55.7 | 45.3 | 52.4           | 57.6 | 46.7 | 51.3              | 56.7 | 46.2 | 55.9            | 66.7 | 47.6 |
| 6/27/2012 | 50.8            | 56.5 | 45.9 | 53.0           | 58.1 | 47.2 | 52.5              | 58.2 | 47.5 | 55.9            | 67.2 | 46.8 |
| 6/28/2012 | 52.0            | 58.1 | 47.0 | 54.2           | 59.5 | 47.9 | 53.4              | 59.2 | 48.1 | 56.3            | 67.5 | 47.0 |
| 6/29/2012 | 52.2            | 58.0 | 46.9 | 54.4           | 59.1 | 48.3 | 54.0              | 59.4 | 48.8 | 56.9            | 67.9 | 47.5 |
| 6/30/2012 | 53.8            | 60.2 | 48.9 | 56.2           | 61.3 | 50.3 | 55.9              | 61.5 | 51.1 | 58.9            | 69.6 | 50.8 |

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| Date      | LV Below Intake |      |      | LV County Road |      |      | Parker at Conduit |      |      | Walker at Mouth |      |      |
|-----------|-----------------|------|------|----------------|------|------|-------------------|------|------|-----------------|------|------|
|           | Mean            | Max  | Min  | Mean           | Max  | Min  | Mean              | Max  | Min  | Mean            | Max  | Min  |
| 7/1/2012  | 54.3            | 59.5 | 49.8 | 56.7           | 61.2 | 51.7 | 56.5              | 61.3 | 52.1 | 60.4            | 70.8 | 51.9 |
| 7/2/2012  | 54.8            | 60.5 | 50.0 | 57.5           | 62.3 | 51.9 | 57.4              | 62.1 | 53.0 | 61.1            | 70.8 | 52.7 |
| 7/3/2012  | 55.8            | 61.1 | 51.4 | 58.4           | 63.0 | 53.2 | 57.7              | 62.1 | 53.6 | 62.1            | 72.4 | 54.1 |
| 7/4/2012  | 55.3            | 59.0 | 51.9 | 57.5           | 60.9 | 53.8 | 57.2              | 60.0 | 54.3 | 60.6            | 67.2 | 54.5 |
| 7/5/2012  | 54.4            | 59.2 | 50.9 | 56.5           | 60.3 | 52.0 | 55.8              | 60.6 | 51.9 | 59.1            | 68.1 | 51.5 |
| 7/6/2012  | 54.5            | 60.2 | 49.9 | 57.0           | 61.8 | 51.7 | 55.7              | 60.9 | 51.7 | 60.3            | 70.9 | 51.7 |
| 7/7/2012  | 55.0            | 60.0 | 50.8 | 57.9           | 62.7 | 52.9 | 56.7              | 61.1 | 53.1 | 61.8            | 72.1 | 53.6 |
| 7/8/2012  | 55.3            | 60.6 | 50.6 | 57.9           | 63.1 | 52.1 | 56.6              | 62.2 | 51.9 | 61.5            | 72.3 | 52.6 |
| 7/9/2012  | 55.9            | 61.5 | 51.5 | 58.5           | 63.3 | 53.1 | 57.1              | 61.9 | 52.6 | 61.8            | 71.7 | 53.1 |
| 7/10/2012 | 56.7            | 62.3 | 52.3 | 59.4           | 64.3 | 54.1 | 58.0              | 62.7 | 53.9 | 62.8            | 72.9 | 54.6 |
| 7/11/2012 | 57.3            | 62.6 | 53.0 | 60.1           | 64.9 | 54.9 | 58.8              | 63.1 | 55.0 | 63.5            | 73.3 | 55.5 |
| 7/12/2012 | 56.4            | 59.2 | 53.6 | 59.1           | 61.5 | 55.6 | 58.5              | 60.9 | 55.3 | 62.6            | 68.6 | 56.3 |
| 7/13/2012 | 57.3            | 61.5 | 54.4 | 60.3           | 64.3 | 57.0 | 58.7              | 61.5 | 56.7 | 64.0            | 70.1 | 59.4 |
| 7/14/2012 | 56.5            | 61.7 | 52.3 | 59.1           | 63.3 | 54.4 | 57.1              | 61.4 | 53.4 | 62.4            | 71.7 | 55.0 |
| 7/15/2012 | 54.9            | 58.6 | 51.2 | 57.9           | 62.4 | 53.7 | 56.6              | 60.6 | 53.0 | 61.1            | 69.3 | 53.6 |
| 7/16/2012 | 54.8            | 60.3 | 50.7 | 56.9           | 61.2 | 52.2 | 55.9              | 60.0 | 52.2 | 59.0            | 67.4 | 51.8 |
| 7/17/2012 | 53.3            | 57.9 | 49.4 | 55.8           | 60.3 | 51.3 | 54.9              | 59.0 | 51.5 | 57.6            | 66.5 | 50.5 |
| 7/18/2012 | 52.1            | 55.9 | 48.3 | 54.7           | 58.9 | 49.6 | 53.5              | 58.0 | 49.3 | 56.3            | 65.1 | 48.1 |
| 7/19/2012 | 51.2            | 52.8 | 50.3 | 54.0           | 57.0 | 52.6 | 54.6              | 58.1 | 52.6 | 56.2            | 60.1 | 53.3 |
| 7/20/2012 | 52.1            | 56.0 | 48.5 | 55.4           | 60.6 | 49.2 | 55.0              | 60.0 | 50.1 | 58.5            | 68.4 | 49.5 |
| 7/21/2012 | 54.4            | 61.2 | 50.2 | 58.0           | 62.7 | 52.9 | 57.1              | 61.8 | 53.0 | 61.5            | 71.1 | 53.3 |
| 7/22/2012 | 56.2            | 61.2 | 52.2 | 58.4           | 62.0 | 54.5 | 58.2              | 62.7 | 54.4 | 61.8            | 70.2 | 55.1 |
| 7/23/2012 | 56.7            | 62.1 | 52.9 | 59.0           | 63.1 | 55.4 | 58.6              | 62.8 | 55.8 | 62.3            | 70.5 | 56.5 |
| 7/24/2012 | 55.9            | 62.6 | 50.5 | 58.2           | 62.8 | 53.6 | 57.5              | 61.4 | 53.9 | 61.2            | 70.2 | 54.2 |
| 7/25/2012 | 55.3            | 62.5 | 49.2 | 57.2           | 62.3 | 51.7 | 56.8              | 61.9 | 52.2 | 59.1            | 69.7 | 49.7 |
| 7/26/2012 | 55.8            | 62.8 | 49.9 | 57.6           | 62.4 | 52.3 | 57.3              | 61.9 | 53.0 | 59.5            | 69.3 | 50.9 |
| 7/27/2012 | 56.2            | 62.7 | 50.8 | 57.9           | 62.4 | 53.4 | 57.6              | 62.1 | 53.6 | 59.8            | 69.1 | 52.2 |
| 7/28/2012 | 55.7            | 62.7 | 49.8 | 57.5           | 62.4 | 52.4 | 56.9              | 61.4 | 52.5 | 58.8            | 68.1 | 50.5 |
| 7/29/2012 | 56.2            | 63.1 | 50.3 | 58.0           | 63.0 | 52.8 | 57.6              | 62.2 | 53.1 | 59.4            | 69.1 | 51.3 |
| 7/30/2012 | 56.5            | 63.3 | 50.7 | 58.4           | 63.5 | 53.2 | 57.7              | 62.6 | 53.2 | 59.6            | 69.4 | 50.8 |
| 7/31/2012 | 56.0            | 62.6 | 50.4 | 58.4           | 64.0 | 53.3 | 58.2              | 63.3 | 53.6 | 60.1            | 69.6 | 51.5 |
| 8/1/2012  | 55.4            | 62.3 | 49.4 | 58.6           | 64.4 | 53.5 | 58.2              | 63.1 | 53.7 | 60.2            | 69.1 | 52.4 |
| 8/2/2012  | 54.8            | 61.6 | 48.9 | 57.8           | 63.5 | 52.6 | 58.3              | 63.0 | 53.6 | 59.7            | 68.5 | 51.0 |
| 8/3/2012  | 54.2            | 60.4 | 48.5 | 57.7           | 62.3 | 52.5 | 58.3              | 62.4 | 53.8 | 59.2            | 66.2 | 51.8 |
| 8/4/2012  | 53.2            | 57.2 | 49.2 | 56.8           | 60.3 | 53.5 | 58.7              | 62.1 | 55.4 | 60.2            | 66.0 | 54.8 |
| 8/5/2012  | 53.4            | 57.9 | 48.9 | 56.7           | 60.5 | 53.1 | 58.1              | 61.4 | 55.0 | 60.5            | 67.5 | 54.6 |
| 8/6/2012  | 53.6            | 59.8 | 48.1 | 56.7           | 61.7 | 51.9 | 58.0              | 62.7 | 53.8 | 59.7            | 69.1 | 51.8 |
| 8/7/2012  | 54.5            | 61.2 | 48.9 | 57.6           | 62.4 | 52.8 | 59.0              | 63.0 | 55.0 | 61.1            | 69.4 | 53.2 |
| 8/8/2012  | 55.5            | 62.0 | 50.0 | 58.6           | 62.5 | 54.3 | 60.2              | 64.3 | 56.3 | 62.5            | 70.2 | 55.3 |
| 8/9/2012  | 55.5            | 61.8 | 50.1 | 59.2           | 63.9 | 54.5 | 60.7              | 64.8 | 56.9 | 62.8            | 70.6 | 55.8 |
| 8/10/2012 | 55.3            | 60.6 | 50.5 | 58.7           | 62.6 | 55.0 | 60.3              | 63.6 | 57.1 | 62.6            | 68.5 | 56.4 |
| 8/11/2012 | 52.7            | 54.8 | 49.8 | 56.1           | 58.8 | 53.8 | 59.1              | 61.1 | 56.5 | 60.5            | 65.1 | 55.1 |
| 8/12/2012 | 53.5            | 57.0 | 50.1 | 55.6           | 58.5 | 51.7 | 58.1              | 59.9 | 55.6 | 60.2            | 65.7 | 54.6 |
| 8/13/2012 | 54.6            | 57.9 | 52.0 | 56.8           | 58.9 | 54.4 | 58.3              | 60.4 | 56.4 | 62.1            | 67.4 | 58.1 |
| 8/14/2012 | 53.7            | 57.5 | 50.0 | 56.0           | 59.0 | 52.7 | 57.7              | 60.6 | 55.1 | 60.7            | 66.7 | 55.3 |
| 8/15/2012 | 56.0            | 60.7 | 53.0 | 57.4           | 60.8 | 54.1 | 57.1              | 60.0 | 54.4 | 62.0            | 70.9 | 55.6 |
| 8/16/2012 | 55.5            | 60.3 | 51.9 | 57.4           | 61.3 | 53.7 | 56.9              | 60.1 | 53.8 | 61.1            | 68.2 | 54.9 |
| 8/17/2012 | 55.1            | 58.8 | 51.8 | 57.2           | 60.5 | 53.8 | 57.1              | 60.1 | 54.4 | 61.0            | 68.1 | 55.3 |
| 8/18/2012 | 54.9            | 57.2 | 52.5 | 57.0           | 59.2 | 54.6 | 56.7              | 58.7 | 54.5 | 60.6            | 65.0 | 56.3 |
| 8/19/2012 | 55.9            | 60.6 | 52.5 | 58.2           | 62.2 | 54.6 | 56.1              | 58.1 | 54.1 | 62.2            | 69.0 | 57.0 |
| 8/20/2012 | 56.2            | 62.1 | 52.0 | 58.2           | 62.5 | 54.2 | 56.3              | 59.7 | 53.3 | 62.6            | 70.9 | 56.9 |
| 8/21/2012 | 55.4            | 60.3 | 51.3 | 57.6           | 62.4 | 53.2 | 55.9              | 59.1 | 53.0 | 60.2            | 66.7 | 54.2 |
| 8/22/2012 | 55.8            | 60.7 | 52.3 | 58.1           | 61.4 | 55.0 | 57.1              | 59.9 | 54.6 | 62.0            | 69.1 | 57.1 |
| 8/23/2012 | 55.4            | 61.5 | 50.4 | 57.7           | 62.0 | 53.2 | 56.6              | 60.4 | 53.0 | 61.3            | 70.1 | 54.3 |
| 8/24/2012 | 55.3            | 59.9 | 50.8 | 57.6           | 61.3 | 53.4 | 56.9              | 60.4 | 53.3 | 61.2            | 70.2 | 54.5 |
| 8/25/2012 | 55.8            | 61.8 | 51.0 | 57.7           | 61.2 | 53.6 | 57.3              | 60.6 | 53.8 | 61.5            | 70.1 | 54.6 |
| 8/26/2012 | 55.3            | 60.9 | 51.0 | 56.9           | 60.9 | 53.5 | 56.5              | 59.4 | 53.9 | 59.5            | 67.1 | 54.2 |
| 8/27/2012 | 52.5            | 59.0 | 46.7 | 53.9           | 58.6 | 48.6 | 53.2              | 57.8 | 48.5 | 54.9            | 65.1 | 46.2 |
| 8/28/2012 | 52.7            | 59.4 | 47.1 | 54.3           | 59.3 | 49.3 | 54.0              | 58.3 | 49.8 | 55.2            | 64.8 | 47.1 |
| 8/29/2012 | 53.0            | 59.6 | 47.3 | 54.8           | 59.7 | 49.6 | 54.7              | 58.9 | 50.5 | 56.3            | 66.0 | 47.7 |
| 8/30/2012 | 54.5            | 60.2 | 50.1 | 56.7           | 61.2 | 52.6 | 56.8              | 60.3 | 53.3 | 59.2            | 67.4 | 52.3 |
| 8/31/2012 | 54.4            | 59.5 | 51.0 | 56.2           | 60.6 | 53.4 | 56.3              | 59.3 | 54.0 | 58.7            | 65.4 | 54.1 |

FINAL REPORT: Monitoring Results for RY2012

| Date       | LV Below Intake |      |      | LV County Road |      |      | Parker at Conduit |      |      | Walker at Mouth |      |      |
|------------|-----------------|------|------|----------------|------|------|-------------------|------|------|-----------------|------|------|
|            | Mean            | Max  | Min  | Mean           | Max  | Min  | Mean              | Max  | Min  | Mean            | Max  | Min  |
| 9/1/2012   | 51.5            | 57.5 | 45.9 | 52.9           | 57.5 | 48.1 | 52.1              | 56.0 | 47.3 | 54.0            | 62.4 | 45.6 |
| 9/2/2012   | 51.5            | 57.7 | 46.2 | 53.1           | 57.9 | 48.3 | 52.7              | 56.7 | 48.5 | 54.4            | 63.1 | 46.6 |
| 9/3/2012   | 52.1            | 58.4 | 46.7 | 53.4           | 58.6 | 48.6 | 53.2              | 57.1 | 49.2 | 54.4            | 62.9 | 46.7 |
| 9/4/2012   | 52.5            | 58.4 | 47.6 | 54.0           | 57.9 | 49.6 | 53.7              | 57.9 | 49.5 | 54.8            | 64.2 | 46.5 |
| 9/5/2012   | 53.2            | 56.0 | 50.2 | 55.1           | 57.6 | 52.5 | 55.6              | 58.2 | 53.1 | 56.9            | 61.8 | 52.0 |
| 9/6/2012   | 53.3            | 55.8 | 50.9 | 55.4           | 57.8 | 52.9 | 55.5              | 57.3 | 53.4 | 57.7            | 62.1 | 53.3 |
| 9/7/2012   | 53.4            | 58.2 | 49.1 | 55.7           | 59.7 | 51.4 | 55.6              | 59.2 | 52.1 | 58.6            | 66.0 | 51.5 |
| 9/8/2012   | 54.2            | 58.0 | 50.1 | 56.1           | 59.6 | 52.5 | 56.7              | 60.2 | 53.0 | 59.2            | 65.9 | 52.7 |
| 9/9/2012   | 55.1            | 60.4 | 50.7 | 56.8           | 61.7 | 52.7 | 56.8              | 60.2 | 53.7 | 59.2            | 66.4 | 52.6 |
| 9/10/2012  | 55.4            | 60.3 | 51.6 | 57.4           | 61.5 | 53.9 | 55.9              | 58.8 | 52.8 | 58.7            | 65.0 | 52.9 |
| 9/11/2012  | 53.3            | 58.4 | 48.8 | 55.3           | 59.6 | 51.4 | 54.1              | 57.2 | 50.7 | 56.0            | 62.2 | 49.8 |
| 9/12/2012  | 52.4            | 57.9 | 47.7 | 54.2           | 58.7 | 50.1 | 53.6              | 57.0 | 50.0 | 55.3            | 61.8 | 48.9 |
| 9/13/2012  | 51.6            | 57.4 | 46.6 | 52.9           | 57.5 | 48.3 | 52.7              | 56.4 | 48.7 | 53.6            | 61.2 | 46.5 |
| 9/14/2012  | 51.9            | 57.9 | 46.9 | 53.0           | 57.5 | 48.2 | 52.7              | 56.5 | 48.7 | 53.3            | 61.2 | 46.0 |
| 9/15/2012  | 53.0            | 58.2 | 48.6 | 54.0           | 58.6 | 49.5 | 53.7              | 57.2 | 50.0 | 53.9            | 61.1 | 46.8 |
| 9/16/2012  | 53.0            | 57.5 | 49.2 | 54.3           | 58.5 | 50.3 | 53.5              | 56.7 | 50.2 | 54.4            | 60.5 | 48.0 |
| 9/17/2012  | 52.3            | 57.5 | 48.0 | 53.6           | 57.9 | 49.5 | 53.0              | 56.3 | 49.5 | 54.0            | 60.0 | 48.1 |
| 9/18/2012  | 51.4            | 56.9 | 46.8 | 53.0           | 57.7 | 48.7 | 52.7              | 56.4 | 49.0 | 53.3            | 60.0 | 47.0 |
| 9/19/2012  | 52.0            | 57.4 | 47.7 | 53.4           | 58.1 | 49.1 | 52.9              | 56.5 | 49.3 | 53.5            | 60.0 | 47.2 |
| 9/20/2012  | 52.2            | 57.1 | 48.0 | 53.6           | 57.5 | 49.4 | 53.1              | 56.3 | 49.6 | 54.1            | 61.2 | 47.6 |
| 9/21/2012  | 52.5            | 56.9 | 48.5 | 53.9           | 57.6 | 49.8 | 53.5              | 56.5 | 50.1 | 55.0            | 62.0 | 48.6 |
| 9/22/2012  | 52.6            | 55.8 | 49.7 | 54.1           | 56.9 | 51.1 | 53.7              | 56.1 | 51.1 | 54.8            | 59.8 | 49.9 |
| 9/23/2012  | 52.0            | 56.3 | 48.0 | 53.2           | 57.0 | 49.4 | 52.8              | 55.4 | 49.5 | 53.8            | 60.2 | 47.5 |
| 9/24/2012  | 52.1            | 56.2 | 48.9 | 53.6           | 57.7 | 50.6 | 53.1              | 56.0 | 51.0 | 54.3            | 60.0 | 49.9 |
| 9/25/2012  | 49.8            | 54.5 | 45.7 | 51.3           | 55.2 | 47.5 | 50.4              | 53.5 | 47.2 | 50.3            | 54.4 | 46.1 |
| 9/26/2012  | 49.5            | 54.4 | 45.4 | 50.8           | 55.0 | 46.8 | 50.1              | 53.5 | 46.8 | 49.8            | 55.5 | 45.0 |
| 9/27/2012  | 49.6            | 54.7 | 45.5 | 51.0           | 55.4 | 46.8 | 50.5              | 53.9 | 47.1 | 51.0            | 57.2 | 45.4 |
| 9/28/2012  | 49.6            | 54.3 | 45.9 | 51.0           | 55.7 | 47.1 | 50.6              | 53.4 | 47.4 | 51.3            | 57.0 | 45.6 |
| 9/29/2012  | 49.8            | 54.9 | 45.8 | 51.1           | 55.7 | 47.1 | 50.7              | 54.0 | 47.5 | 51.2            | 57.5 | 45.2 |
| 9/30/2012  | 49.4            | 54.6 | 45.2 | 50.7           | 55.3 | 46.6 | 50.5              | 53.9 | 47.2 | 50.8            | 57.2 | 44.6 |
| 10/1/2012  | 49.3            | 54.6 | 45.0 | 50.6           | 55.2 | 46.3 | 50.5              | 54.0 | 47.1 | 50.7            | 57.3 | 44.2 |
| 10/2/2012  | 50.1            | 55.4 | 45.7 | 51.1           | 55.6 | 46.9 | 51.1              | 54.7 | 47.6 | 51.3            | 57.7 | 44.6 |
| 10/3/2012  | 50.6            | 55.6 | 46.7 | 51.7           | 56.0 | 47.5 | 51.0              | 54.0 | 47.8 | 51.2            | 56.5 | 45.3 |
| 10/4/2012  | 50.1            | 55.0 | 46.1 | 51.4           | 55.7 | 47.8 | 50.7              | 54.2 | 47.8 | 51.0            | 56.3 | 45.9 |
| 10/5/2012  | 49.6            | 53.1 | 46.8 | 50.3           | 54.1 | 47.2 | 48.9              | 51.2 | 46.0 | 48.8            | 52.9 | 43.8 |
| 10/6/2012  | 48.4            | 52.7 | 44.5 | 49.3           | 53.4 | 45.7 | 48.5              | 51.4 | 45.6 | 48.2            | 52.9 | 43.4 |
| 10/7/2012  | 47.2            | 51.4 | 43.3 | 48.1           | 52.1 | 44.2 | 47.2              | 50.3 | 44.0 | 47.2            | 52.7 | 42.0 |
| 10/8/2012  | 47.1            | 51.1 | 43.1 | 47.5           | 51.4 | 43.9 | 46.7              | 49.3 | 43.8 | 46.7            | 51.4 | 41.3 |
| 10/9/2012  | 46.3            | 49.5 | 42.8 | 47.2           | 50.8 | 43.6 | 45.7              | 48.6 | 42.6 | 46.4            | 51.4 | 40.4 |
| 10/10/2012 | 45.7            | 48.4 | 42.5 | 46.5           | 49.1 | 43.9 | 45.6              | 48.5 | 43.2 | 46.5            | 50.9 | 41.8 |
| 10/11/2012 | 43.3            | 45.4 | 41.5 | 44.1           | 46.3 | 42.1 | 43.2              | 44.7 | 41.6 | 43.3            | 47.2 | 39.8 |
| 10/12/2012 | 44.7            | 47.6 | 42.5 | 45.9           | 48.8 | 43.3 | 44.8              | 47.2 | 42.6 | 45.9            | 51.5 | 41.8 |
| 10/13/2012 | 45.4            | 49.4 | 42.3 | 46.2           | 50.1 | 42.9 | 45.3              | 48.1 | 42.6 | 46.2            | 52.4 | 41.0 |
| 10/14/2012 | 45.1            | 49.4 | 41.4 | 46.1           | 50.0 | 42.3 | 45.1              | 48.4 | 42.2 | 45.9            | 52.5 | 40.2 |
| 10/15/2012 | 45.7            | 50.0 | 42.5 | 46.7           | 50.6 | 43.3 | 46.1              | 49.4 | 43.4 | 46.7            | 52.8 | 41.4 |
| 10/16/2012 | 46.5            | 51.3 | 42.7 | 47.4           | 51.9 | 43.4 | 46.9              | 50.8 | 43.8 | 47.4            | 54.5 | 41.1 |
| 10/17/2012 | 46.1            | 50.0 | 42.6 | 46.8           | 50.6 | 43.5 | 46.3              | 49.1 | 43.7 | 46.5            | 52.0 | 41.0 |
| 10/18/2012 | 45.1            | 49.3 | 41.2 | 45.8           | 49.8 | 41.9 | 45.2              | 48.3 | 42.0 | 45.4            | 51.7 | 39.5 |
| 10/19/2012 | 46.1            | 50.4 | 42.4 | 46.7           | 50.8 | 43.0 | 46.3              | 49.6 | 43.4 | 46.4            | 52.3 | 40.7 |
| 10/20/2012 | 46.8            | 50.4 | 44.1 | 47.4           | 51.5 | 44.2 | 46.4              | 49.7 | 43.5 | 46.4            | 52.7 | 40.9 |
| 10/21/2012 | 45.6            | 48.6 | 43.1 | 46.4           | 49.6 | 43.9 | 46.0              | 48.9 | 43.7 | 46.7            | 50.5 | 42.3 |
| 10/22/2012 | 42.3            | 43.7 | 40.5 | 43.4           | 45.0 | 40.3 | 42.6              | 44.6 | 40.7 | 43.7            | 46.3 | 41.3 |
| 10/23/2012 | 39.8            | 42.7 | 37.7 | 40.2           | 44.2 | 37.6 | 39.3              | 41.6 | 37.7 | 40.3            | 45.2 | 36.4 |
| 10/24/2012 | 38.4            | 41.1 | 37.0 | 38.8           | 41.9 | 36.3 | 37.8              | 41.0 | 35.8 | 38.1            | 43.4 | 33.9 |
| 10/25/2012 | 39.5            | 43.4 | 36.9 | 40.1           | 44.5 | 36.8 | 39.2              | 43.1 | 36.8 | 39.7            | 46.4 | 35.0 |
| 10/26/2012 | 39.8            | 43.6 | 36.7 | 40.7           | 44.3 | 37.7 | 39.3              | 42.5 | 36.3 | 40.2            | 44.4 | 35.7 |
| 10/27/2012 | 40.5            | 44.4 | 37.5 | 41.5           | 45.5 | 38.0 | 40.9              | 44.2 | 38.3 | 41.3            | 45.6 | 37.1 |
| 10/28/2012 | 41.1            | 44.8 | 37.8 | 42.1           | 45.9 | 38.7 | 41.9              | 44.8 | 39.2 | 41.9            | 47.1 | 37.0 |
| 10/29/2012 | 41.8            | 44.9 | 39.2 | 42.6           | 46.5 | 39.5 | 42.2              | 45.2 | 39.6 | 41.8            | 47.5 | 36.4 |
| 10/30/2012 | 41.4            | 44.6 | 38.5 | 42.0           | 45.3 | 38.5 | 41.9              | 44.7 | 39.2 | 41.6            | 47.1 | 36.1 |
| 10/31/2012 | 40.9            | 43.6 | 38.5 | 41.4           | 44.4 | 38.5 | 41.3              | 43.7 | 39.0 | 40.7            | 45.6 | 35.7 |

FINAL REPORT: Monitoring Results for RY2012

| Date       | LV Below Intake |      |      | LV County Road |      |      | Parker at Conduit |      |      | Walker at Mouth |      |      |
|------------|-----------------|------|------|----------------|------|------|-------------------|------|------|-----------------|------|------|
|            | Mean            | Max  | Min  | Mean           | Max  | Min  | Mean              | Max  | Min  | Mean            | Max  | Min  |
| 11/1/2012  | 41.1            | 42.6 | 39.6 | 42.4           | 44.8 | 40.4 | 41.8              | 43.8 | 40.1 | 42.2            | 45.9 | 38.6 |
| 11/2/2012  | 40.1            | 42.5 | 37.7 | 41.0           | 43.9 | 38.2 | 40.6              | 43.0 | 38.1 | 40.4            | 44.9 | 36.0 |
| 11/3/2012  | 39.1            | 41.9 | 36.8 | 39.9           | 43.3 | 37.0 | 39.7              | 42.5 | 37.3 | 39.6            | 44.7 | 34.6 |
| 11/4/2012  | 39.2            | 42.7 | 36.5 | 39.8           | 43.2 | 36.4 | 39.7              | 42.7 | 37.1 | 39.2            | 45.0 | 33.9 |
| 11/5/2012  | 40.0            | 43.7 | 37.1 | 40.4           | 43.9 | 37.0 | 40.3              | 43.4 | 37.8 | 39.7            | 45.7 | 34.2 |
| 11/6/2012  | 40.1            | 43.4 | 37.1 | 40.5           | 43.8 | 37.3 | 40.5              | 43.2 | 37.9 | 39.8            | 45.4 | 34.3 |
| 11/7/2012  | 41.2            | 44.4 | 38.7 | 41.3           | 44.5 | 38.0 | 41.0              | 43.9 | 38.7 | 40.5            | 46.1 | 35.4 |
| 11/8/2012  | 41.0            | 42.2 | 39.5 | 40.6           | 42.4 | 38.8 | 39.4              | 40.9 | 37.0 | 39.8            | 42.3 | 37.5 |
| 11/9/2012  | 37.8            | 40.5 | 36.0 | 35.3           | 38.5 | 32.7 | 34.7              | 36.8 | 33.0 | 34.3            | 36.9 | 32.4 |
| 11/10/2012 | 35.1            | 37.0 | 33.4 | 32.9           | 35.2 | 32.0 | 32.6              | 33.0 | 32.2 | 32.3            | 33.4 | 31.9 |
| 11/11/2012 | 36.6            | 40.3 | 34.1 | 32.4           | 33.2 | 32.0 | 32.4              | 33.1 | 31.7 | 32.6            | 34.5 | 32.0 |
| 11/12/2012 | 37.5            | 40.0 | 35.8 | 33.8           | 36.1 | 32.1 | 32.5              | 33.1 | 32.0 | 33.0            | 36.0 | 32.1 |
| 11/13/2012 | 38.5            | 40.8 | 36.5 | 35.1           | 38.4 | 32.3 | 33.7              | 35.4 | 32.4 | 32.7            | 34.5 | 32.0 |
| 11/14/2012 | 39.2            | 41.4 | 37.3 | 36.4           | 39.6 | 33.1 | 34.9              | 36.8 | 33.3 | 32.8            | 34.1 | 32.1 |
| 11/15/2012 | 40.4            | 41.6 | 38.7 | 36.8           | 40.9 | 33.8 | 35.8              | 38.0 | 33.9 | 33.9            | 36.8 | 32.2 |
| 11/16/2012 | 41.7            | 43.1 | 40.7 | 39.1           | 41.6 | 37.0 | 37.5              | 39.5 | 36.1 | 36.4            | 39.9 | 33.3 |
| 11/17/2012 | 42.6            | 43.9 | 41.7 | 40.2           | 42.5 | 38.2 | 38.4              | 40.1 | 37.3 | 38.4            | 42.2 | 35.2 |
| 11/18/2012 | 41.8            | 43.2 | 40.9 | 39.3           | 41.8 | 37.8 | 37.5              | 39.8 | 36.2 | 38.8            | 43.2 | 35.1 |
| 11/19/2012 | 41.5            | 42.8 | 40.6 | 38.5           | 41.3 | 36.9 | 36.5              | 39.1 | 35.0 | 36.9            | 40.5 | 34.4 |
| 11/20/2012 | 42.0            | 43.9 | 40.4 | 38.9           | 42.3 | 36.1 | 36.9              | 39.6 | 34.8 | 37.0            | 42.2 | 32.6 |
| 11/21/2012 | 42.5            | 43.9 | 41.6 | 40.5           | 43.9 | 38.9 | 38.5              | 41.4 | 36.7 | 39.6            | 44.1 | 37.0 |
| 11/22/2012 | 41.0            | 42.3 | 39.8 | 37.6           | 41.1 | 35.1 | 36.1              | 37.9 | 34.5 | 35.3            | 38.5 | 32.4 |
| 11/23/2012 | 40.5            | 42.2 | 39.2 | 36.5           | 40.3 | 33.6 | 35.0              | 37.3 | 33.2 | 34.0            | 36.2 | 32.3 |
| 11/24/2012 | 40.5            | 42.1 | 39.0 | 36.4           | 40.2 | 33.6 | 35.2              | 37.3 | 33.3 | 33.4            | 35.5 | 32.1 |
| 11/25/2012 | 40.4            | 42.2 | 38.7 | 36.8           | 40.7 | 34.1 | 35.4              | 37.8 | 33.6 | 33.3            | 35.6 | 32.0 |
| 11/26/2012 | 37.7            | 39.6 | 36.1 | 35.5           | 39.1 | 32.8 | 34.1              | 35.7 | 32.8 | 32.4            | 33.4 | 31.9 |
| 11/27/2012 | 37.8            | 39.5 | 36.2 | 35.3           | 37.6 | 33.1 | 34.0              | 35.8 | 32.4 | 32.6            | 33.5 | 32.0 |
| 11/28/2012 | 38.0            | 39.1 | 36.7 | 36.1           | 37.8 | 34.0 | 35.2              | 36.2 | 34.2 | 34.0            | 35.7 | 32.3 |
| 11/29/2012 | 39.1            | 40.6 | 37.8 | 38.1           | 41.1 | 36.1 | 36.4              | 38.3 | 35.1 | 36.9            | 41.0 | 34.2 |
| 11/30/2012 | 38.3            | 39.5 | 37.1 | 37.6           | 39.1 | 35.6 | 34.9              | 36.8 | 33.6 | 36.4            | 38.3 | 34.8 |
| 12/1/2012  | 39.1            | 41.5 | 37.3 | 37.9           | 41.7 | 35.0 | 35.2              | 37.8 | 33.4 | 37.4            | 44.2 | 33.5 |
| 12/2/2012  | 40.8            | 41.2 | 40.0 | 39.8           | 40.2 | 38.4 | 36.6              | 37.4 | 35.1 | 38.3            | 39.0 | 36.3 |
| 12/3/2012  | 40.6            | 41.6 | 39.7 | 38.6           | 41.0 | 36.8 | 35.0              | 36.8 | 33.6 | 36.0            | 39.8 | 33.4 |
| 12/4/2012  | 41.5            | 42.8 | 40.4 | 40.2           | 42.8 | 38.3 | 36.7              | 38.7 | 35.0 | 37.8            | 41.7 | 35.3 |
| 12/5/2012  | 41.7            | 42.2 | 41.3 | 41.1           | 42.2 | 40.3 | 38.7              | 39.9 | 37.4 | 40.0            | 42.2 | 38.4 |
| 12/6/2012  | 41.1            | 42.1 | 40.5 | 39.9           | 41.7 | 37.8 | 37.7              | 39.1 | 35.6 | 39.0            | 41.5 | 36.0 |
| 12/7/2012  | 39.4            | 40.4 | 38.3 | 36.7           | 39.0 | 34.8 | 34.2              | 35.5 | 33.1 | 34.4            | 38.3 | 32.2 |
| 12/8/2012  | 39.3            | 40.3 | 38.2 | 35.5           | 37.8 | 33.3 | 33.1              | 34.4 | 32.3 | 32.7            | 33.9 | 32.1 |
| 12/9/2012  | 39.2            | 40.2 | 37.6 | 35.9           | 38.3 | 33.9 | 33.4              | 35.1 | 32.2 | 32.8            | 34.2 | 32.1 |
| 12/10/2012 | 38.9            | 40.2 | 37.8 | 35.5           | 38.1 | 33.6 | 33.4              | 35.0 | 32.2 | 32.5            | 33.3 | 32.0 |
| 12/11/2012 | 38.9            | 40.1 | 37.7 | 35.1           | 38.2 | 32.8 | 33.3              | 34.9 | 32.2 | 32.6            | 33.6 | 32.0 |
| 12/12/2012 | 39.6            | 40.2 | 39.1 | 36.1           | 37.8 | 35.2 | 33.5              | 34.3 | 32.3 | 33.4            | 35.0 | 32.4 |
| 12/13/2012 | 38.0            | 38.9 | 37.1 | 33.6           | 35.0 | 32.2 | 32.2              | 32.4 | 32.0 | 32.2            | 32.4 | 31.9 |
| 12/14/2012 | 36.6            | 37.6 | 35.6 | 32.3           | 33.0 | 31.9 | 32.1              | 32.2 | 32.0 | 32.3            | 34.0 | 31.9 |
| 12/15/2012 | 36.5            | 37.1 | 35.7 | 32.2           | 32.6 | 31.9 | 32.0              | 32.1 | 32.0 | 32.2            | 32.6 | 31.9 |
| 12/16/2012 | 36.9            | 38.4 | 35.8 | 33.2           | 34.9 | 32.0 | 32.1              | 32.2 | 32.0 | 32.4            | 32.8 | 32.0 |
| 12/17/2012 | 38.4            | 39.3 | 37.8 | 36.0           | 37.3 | 34.7 | 32.8              | 33.8 | 32.0 | 32.8            | 33.4 | 32.5 |
| 12/18/2012 | 37.4            | 38.5 | 35.8 | 34.0           | 35.7 | 31.9 | 33.3              | 33.9 | 32.1 | 32.4            | 32.8 | 31.9 |
| 12/19/2012 | 38.3            | 40.3 | 35.4 | 32.0           | 32.2 | 31.9 | 32.0              | 32.1 | 31.9 | 32.0            | 32.0 | 32.0 |
| 12/20/2012 | 38.0            | 40.5 | 35.6 | 32.0           | 32.2 | 31.9 | 32.0              | 32.1 | 32.0 | 32.1            | 32.3 | 32.0 |
| 12/21/2012 | 36.1            | 40.4 | 34.7 | 32.2           | 32.7 | 32.0 | 32.1              | 32.2 | 32.0 | 32.5            | 32.7 | 32.2 |
| 12/22/2012 | 35.8            | 36.2 | 34.9 | 32.2           | 32.3 | 32.0 | 32.0              | 32.1 | 32.0 | 32.5            | 32.6 | 32.2 |
| 12/23/2012 | 35.9            | 38.1 | 34.9 | 32.1           | 32.6 | 31.9 | 32.0              | 32.1 | 32.0 | 32.3            | 32.6 | 32.0 |
| 12/24/2012 | 37.8            | 38.7 | 36.3 | 32.1           | 32.5 | 31.9 | 32.0              | 32.0 | 32.0 | 32.3            | 32.5 | 32.0 |
| 12/25/2012 | 35.9            | 37.1 | 35.2 | 32.2           | 32.5 | 31.9 | 32.0              | 32.2 | 32.0 | 32.1            | 32.2 | 32.0 |
| 12/26/2012 | 36.5            | 38.1 | 35.9 | 32.2           | 32.7 | 31.9 | 32.4              | 32.6 | 32.2 | 32.3            | 32.5 | 32.0 |
| 12/27/2012 | 36.0            | 38.8 | 33.1 | 32.1           | 32.9 | 31.9 | 32.1              | 32.4 | 32.0 | 32.1            | 32.2 | 32.0 |
| 12/28/2012 | 35.8            | 36.7 | 34.3 | 32.1           | 32.5 | 32.0 | 32.0              | 32.0 | 32.0 | 32.2            | 32.5 | 31.9 |
| 12/29/2012 | 36.4            | 36.6 | 35.9 | 32.2           | 33.0 | 31.9 | 32.0              | 32.0 | 32.0 | 32.2            | 32.5 | 32.0 |
| 12/30/2012 | 36.1            | 36.3 | 35.9 | 32.2           | 32.8 | 31.9 | 32.0              | 32.1 | 32.0 | 32.4            | 32.6 | 32.1 |
| 12/31/2012 | 35.5            | 36.2 | 34.7 | 32.1           | 32.7 | 31.9 | 32.0              | 32.1 | 32.0 | 32.2            | 32.6 | 32.0 |

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| Date      | LV Below Intake |      |      | LV County Road |      |      | Parker at Conduit |      |      | Walker at Mouth |      |      |
|-----------|-----------------|------|------|----------------|------|------|-------------------|------|------|-----------------|------|------|
|           | Mean            | Max  | Min  | Mean           | Max  | Min  | Mean              | Max  | Min  | Mean            | Max  | Min  |
| 1/1/2013  | 35.9            | 36.7 | 35.2 | 32.2           | 32.8 | 31.9 | 32.0              | 32.0 | 32.0 | 32.2            | 32.7 | 32.0 |
| 1/2/2013  | 36.3            | 38.1 | 35.0 | 32.2           | 33.0 | 31.9 | 32.0              | 32.0 | 32.0 | 32.2            | 32.3 | 32.0 |
| 1/3/2013  | 36.2            | 36.7 | 35.4 | 32.2           | 32.7 | 32.0 | 32.0              | 32.1 | 32.0 | 32.2            | 32.4 | 32.0 |
| 1/4/2013  | 36.6            | 37.7 | 35.6 | 32.2           | 32.9 | 32.0 | 32.0              | 32.1 | 32.0 | 32.3            | 32.6 | 32.1 |
| 1/5/2013  | 37.2            | 38.1 | 36.5 | 32.2           | 32.7 | 31.9 | 32.1              | 32.1 | 32.0 | 32.4            | 32.6 | 32.2 |
| 1/6/2013  | 37.1            | 37.6 | 36.7 | 32.1           | 32.4 | 31.9 | 32.3              | 32.5 | 32.0 | 32.4            | 32.5 | 32.2 |
| 1/7/2013  | 37.5            | 38.3 | 36.6 | 32.2           | 32.9 | 31.9 | 32.5              | 32.8 | 32.2 | 32.2            | 32.3 | 32.1 |
| 1/8/2013  | 36.2            | 36.8 | 35.4 | 32.3           | 32.7 | 32.1 | 33.1              | 33.3 | 32.9 | 32.6            | 32.9 | 32.3 |
| 1/9/2013  | 36.2            | 37.4 | 35.5 | 32.6           | 33.2 | 32.2 | 33.0              | 33.4 | 32.6 | 32.6            | 32.9 | 32.4 |
| 1/10/2013 | 36.3            | 37.4 | 35.6 | 32.3           | 33.2 | 31.9 | 32.5              | 33.4 | 32.0 | 32.3            | 32.6 | 32.0 |
| 1/11/2013 | 35.4            | 36.0 | 34.7 | 32.0           | 32.1 | 31.9 | 32.1              | 32.1 | 32.0 | 32.1            | 32.3 | 32.0 |
| 1/12/2013 | 35.4            | 36.6 | 34.2 | 32.0           | 32.5 | 31.9 | 32.1              | 32.1 | 32.0 | 32.1            | 32.3 | 32.0 |
| 1/13/2013 | 35.6            | 36.0 | 35.0 | 32.0           | 32.3 | 31.9 | 32.0              | 32.1 | 32.0 | 32.1            | 32.2 | 32.0 |
| 1/14/2013 | 36.2            | 37.4 | 35.7 | 32.0           | 32.2 | 31.9 | 32.1              | 32.1 | 32.0 | 32.1            | 32.2 | 32.0 |
| 1/15/2013 | 35.9            | 37.0 | 35.6 | 32.0           | 32.3 | 31.9 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.0 |
| 1/16/2013 | 37.9            | 38.7 | 36.0 | 32.2           | 32.8 | 31.9 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/17/2013 | 37.3            | 38.0 | 36.6 | 32.2           | 32.8 | 32.0 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/18/2013 | 36.6            | 37.1 | 36.4 | 32.1           | 32.2 | 32.0 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/19/2013 | 36.9            | 37.4 | 36.7 | 32.1           | 32.5 | 32.0 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/20/2013 | 37.1            | 37.8 | 36.5 | 32.3           | 33.1 | 32.0 | 32.0              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/21/2013 | 36.9            | 37.5 | 36.3 | 32.4           | 33.3 | 32.0 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/22/2013 | 36.7            | 37.5 | 35.7 | 32.6           | 33.3 | 32.3 | 32.1              | 32.1 | 32.0 | 32.2            | 32.3 | 32.1 |
| 1/23/2013 | 37.9            | 38.4 | 37.4 | 32.9           | 33.6 | 32.5 | 32.3              | 32.5 | 32.0 | 32.3            | 32.3 | 32.2 |
| 1/24/2013 | 38.7            | 39.0 | 38.5 | 35.0           | 36.0 | 33.5 | 33.3              | 33.7 | 32.6 | 32.4            | 32.5 | 32.2 |
| 1/25/2013 | 39.1            | 39.4 | 38.9 | 36.1           | 37.1 | 35.7 | 34.2              | 34.8 | 33.6 | 32.5            | 32.7 | 32.3 |
| 1/26/2013 | 39.0            | 39.3 | 38.8 | 36.3           | 37.3 | 35.7 | 34.6              | 35.2 | 33.8 | 32.6            | 32.9 | 32.4 |
| 1/27/2013 | 38.3            | 38.7 | 37.8 | 34.8           | 36.4 | 33.1 | 33.3              | 33.9 | 32.1 | 32.4            | 32.9 | 32.0 |
| 1/28/2013 | 36.6            | 37.8 | 35.3 | 32.3           | 33.4 | 31.9 | 32.1              | 32.3 | 31.9 | 32.1            | 32.3 | 31.9 |
| 1/29/2013 | 37.4            | 38.0 | 36.8 | 33.6           | 35.9 | 32.0 | 32.3              | 33.1 | 32.0 | 32.5            | 33.1 | 32.1 |
| 1/30/2013 | 38.1            | 38.6 | 37.7 | 34.9           | 37.2 | 33.5 | 33.5              | 34.6 | 32.8 | 32.5            | 33.3 | 32.1 |
| 1/31/2013 | 37.9            | 38.3 | 37.5 | 34.6           | 36.9 | 33.2 | 33.3              | 34.4 | 32.5 | 32.4            | 33.4 | 32.0 |
| 2/1/2013  | 37.6            | 38.1 | 36.9 | 33.8           | 36.3 | 32.3 | 32.8              | 33.9 | 32.1 | 32.2            | 32.7 | 31.9 |
| 2/2/2013  | 37.9            | 38.3 | 37.5 | 34.6           | 35.8 | 33.3 | 33.5              | 34.5 | 32.6 | 32.5            | 33.0 | 32.1 |
| 2/3/2013  | 38.3            | 38.7 | 37.9 | 35.9           | 38.5 | 34.1 | 34.3              | 35.6 | 33.4 | 32.6            | 33.4 | 32.1 |
| 2/4/2013  | 38.1            | 38.5 | 37.6 | 35.4           | 38.1 | 33.6 | 33.8              | 35.2 | 32.8 | 32.6            | 34.3 | 32.0 |
| 2/5/2013  | 38.2            | 38.7 | 37.8 | 35.8           | 38.8 | 34.3 | 34.2              | 35.9 | 33.2 | 33.0            | 34.4 | 32.2 |
| 2/6/2013  | 37.8            | 38.3 | 37.3 | 34.9           | 37.9 | 33.2 | 33.2              | 34.4 | 32.2 | 32.5            | 34.3 | 31.9 |
| 2/7/2013  | 37.4            | 37.7 | 37.0 | 33.6           | 36.2 | 32.1 | 32.5              | 33.4 | 32.0 | 32.2            | 33.0 | 31.9 |
| 2/8/2013  | 36.9            | 37.3 | 36.6 | 33.3           | 34.9 | 32.5 | 32.2              | 32.6 | 32.0 | 32.2            | 32.6 | 31.9 |
| 2/9/2013  | 36.2            | 37.3 | 34.8 | 32.4           | 34.3 | 31.9 | 32.1              | 32.3 | 31.9 | 32.2            | 32.9 | 31.9 |
| 2/10/2013 | 34.9            | 35.9 | 34.1 | 32.0           | 32.5 | 31.9 | 32.1              | 32.4 | 32.0 | 32.1            | 33.4 | 32.0 |
| 2/11/2013 | 35.0            | 35.8 | 33.2 | 32.1           | 32.6 | 31.9 | 32.1              | 32.4 | 31.9 | 32.1            | 32.5 | 31.9 |
| 2/12/2013 | 34.8            | 36.0 | 33.1 | 32.1           | 32.7 | 31.9 | 32.1              | 32.5 | 32.0 | 32.1            | 32.5 | 31.9 |
| 2/13/2013 | 35.7            | 36.9 | 34.7 | 33.4           | 36.6 | 31.9 | 32.1              | 32.6 | 31.9 | 32.2            | 32.7 | 31.9 |
| 2/14/2013 | 36.2            | 37.6 | 35.1 | 34.6           | 38.3 | 32.2 | 32.2              | 32.7 | 31.9 | 32.3            | 32.8 | 32.0 |
| 2/15/2013 | 36.2            | 37.6 | 34.5 | 34.6           | 38.1 | 32.2 | 32.6              | 33.7 | 32.0 | 32.3            | 32.8 | 31.9 |
| 2/16/2013 | 36.4            | 37.6 | 35.3 | 34.7           | 37.2 | 32.5 | 33.2              | 34.8 | 32.3 | 32.4            | 33.0 | 31.9 |
| 2/17/2013 | 36.9            | 38.2 | 35.9 | 35.5           | 39.5 | 32.9 | 33.7              | 35.6 | 32.7 | 32.5            | 33.4 | 31.9 |
| 2/18/2013 | 36.5            | 37.9 | 35.2 | 35.2           | 39.4 | 32.5 | 33.4              | 35.4 | 32.2 | 32.7            | 34.6 | 31.9 |
| 2/19/2013 | 36.5            | 37.5 | 35.8 | 35.0           | 38.1 | 33.6 | 33.2              | 34.8 | 32.4 | 33.0            | 34.6 | 32.3 |
| 2/20/2013 | 35.7            | 37.1 | 34.6 | 33.7           | 37.7 | 31.9 | 32.4              | 33.6 | 32.0 | 32.4            | 33.1 | 31.9 |
| 2/21/2013 | 35.4            | 36.4 | 34.0 | 32.9           | 36.0 | 31.9 | 32.1              | 32.4 | 31.9 | 32.1            | 32.7 | 31.9 |
| 2/22/2013 | 35.3            | 36.8 | 33.8 | 33.1           | 35.5 | 31.9 | 32.2              | 32.5 | 32.0 | 32.2            | 32.8 | 32.0 |
| 2/23/2013 | 36.5            | 37.6 | 35.7 | 34.8           | 38.7 | 32.9 | 32.8              | 34.4 | 32.0 | 33.1            | 35.2 | 32.2 |
| 2/24/2013 | 35.7            | 36.5 | 34.5 | 32.9           | 35.4 | 31.9 | 32.2              | 32.7 | 31.9 | 32.1            | 32.6 | 31.9 |
| 2/25/2013 | 35.8            | 37.6 | 34.4 | 33.9           | 38.5 | 31.9 | 32.3              | 33.1 | 31.9 | 32.2            | 32.7 | 32.0 |
| 2/26/2013 | 36.2            | 37.7 | 34.9 | 34.3           | 39.0 | 31.9 | 32.6              | 33.7 | 31.9 | 32.4            | 33.5 | 31.9 |
| 2/27/2013 | 35.3            | 36.3 | 34.5 | 32.3           | 34.0 | 31.9 | 32.3              | 33.3 | 31.9 | 32.0            | 32.0 | 32.0 |
| 2/28/2013 |                 |      |      |                |      |      |                   |      |      |                 |      |      |

**7.2 DAILY AVERAGE, MAXIMUM, AND MINIMUM WATER TEMPERATURE (°F) AT MGORD TOP, MGORD BOTTOM, UPPER RUSH, AND RUSH ABOVE PARKER CONFLUENCE**

| Date      | MGORD TOP |      |      | MGORD BOTTOM |      |      | Upper Rush |      |      | Rush above Parker |      |      |
|-----------|-----------|------|------|--------------|------|------|------------|------|------|-------------------|------|------|
|           | Mean      | Max  | Min  | Mean         | Max  | Min  | Mean       | Max  | Min  | Mean              | Max  | Min  |
| 4/1/2012  | 39.9      | 40.1 | 39.6 | 40.1         | 43.9 | 38.0 | 40.1       | 47.0 | 36.6 | 40.0              | 48.0 | 35.4 |
| 4/2/2012  | 39.9      | 40.1 | 39.8 | 40.5         | 44.5 | 38.6 | 40.9       | 48.3 | 36.7 | 41.1              | 50.3 | 35.3 |
| 4/3/2012  | 40.2      | 41.2 | 39.8 | 40.6         | 45.0 | 38.9 | 41.0       | 47.4 | 37.8 | 41.3              | 49.1 | 36.9 |
| 4/4/2012  | 40.7      | 41.3 | 40.0 | 40.9         | 45.3 | 38.5 | 41.5       | 48.8 | 37.7 | 41.9              | 50.2 | 36.9 |
| 4/5/2012  | 40.6      | 41.0 | 40.2 | 40.5         | 44.0 | 38.7 | 40.1       | 46.8 | 36.6 | 39.9              | 47.7 | 35.0 |
| 4/6/2012  | 40.5      | 40.7 | 40.2 | 40.8         | 45.2 | 38.6 | 40.5       | 48.5 | 35.8 | 40.3              | 49.9 | 33.7 |
| 4/7/2012  | 40.8      | 41.5 | 40.3 | 41.2         | 45.5 | 38.7 | 41.4       | 49.6 | 36.5 | 41.4              | 51.3 | 34.7 |
| 4/8/2012  | 41.5      | 42.0 | 40.9 | 42.0         | 46.2 | 39.7 | 42.5       | 50.4 | 37.8 | 42.7              | 52.3 | 36.2 |
| 4/9/2012  | 41.8      | 42.4 | 41.3 | 42.6         | 46.9 | 40.2 | 43.4       | 51.1 | 38.9 | 43.9              | 52.9 | 38.1 |
| 4/10/2012 | 42.1      | 42.7 | 41.7 | 42.6         | 46.9 | 40.5 | 43.5       | 51.0 | 39.6 | 44.0              | 52.6 | 38.7 |
| 4/11/2012 | 41.7      | 42.0 | 41.3 | 41.6         | 45.1 | 40.1 | 41.9       | 48.3 | 39.3 | 42.2              | 48.9 | 38.7 |
| 4/12/2012 | 41.6      | 41.9 | 41.1 | 41.4         | 45.1 | 39.6 | 41.3       | 47.7 | 38.0 | 41.3              | 48.5 | 36.8 |
| 4/13/2012 | 40.9      | 41.5 | 40.5 | 40.6         | 43.9 | 38.5 | 40.3       | 45.5 | 37.0 | 40.0              | 46.2 | 36.1 |
| 4/14/2012 | 41.2      | 41.4 | 41.0 | 41.3         | 43.8 | 40.1 | 41.4       | 46.7 | 38.7 | 41.5              | 48.2 | 37.8 |
| 4/15/2012 | 41.3      | 42.0 | 41.0 | 42.4         | 46.7 | 40.0 | 43.4       | 51.3 | 38.9 | 44.1              | 53.6 | 38.1 |
| 4/16/2012 | 42.6      | 43.6 | 41.3 | 43.0         | 46.4 | 40.3 | 43.5       | 48.8 | 39.2 | 43.8              | 50.2 | 38.2 |
| 4/17/2012 | 43.1      | 44.4 | 42.5 | 44.2         | 48.4 | 41.6 | 45.4       | 53.3 | 40.8 | 46.1              | 53.9 | 40.0 |
| 4/18/2012 | 43.2      | 44.1 | 42.5 | 44.2         | 47.9 | 42.2 | 45.4       | 51.5 | 42.1 | 46.4              | 53.5 | 41.6 |
| 4/19/2012 | 42.6      | 43.0 | 42.4 | 44.1         | 48.6 | 41.6 | 45.9       | 54.0 | 40.9 | 47.3              | 57.3 | 40.4 |
| 4/20/2012 | 43.6      | 46.2 | 42.7 | 44.9         | 49.4 | 42.0 | 46.5       | 55.1 | 41.3 | 48.0              | 58.3 | 40.9 |
| 4/21/2012 | 44.1      | 45.6 | 43.2 | 45.8         | 49.7 | 42.9 | 47.6       | 55.4 | 43.5 | 49.0              | 58.5 | 42.9 |
| 4/22/2012 | 44.8      | 48.0 | 43.4 | 46.0         | 50.0 | 42.9 | 47.8       | 55.8 | 42.5 | 49.1              | 58.9 | 42.4 |
| 4/23/2012 | 46.9      | 48.2 | 45.1 | 47.7         | 51.1 | 46.3 | 48.5       | 55.2 | 45.0 | 49.3              | 58.2 | 44.3 |
| 4/24/2012 | 46.2      | 48.1 | 44.9 | 47.5         | 50.6 | 44.3 | 48.8       | 55.2 | 44.8 | 49.5              | 56.8 | 44.7 |
| 4/25/2012 | 48.5      | 49.4 | 46.6 | 48.9         | 54.0 | 44.1 | 49.3       | 56.6 | 43.9 | 49.2              | 56.5 | 43.8 |
| 4/26/2012 | 48.3      | 48.7 | 47.4 | 48.8         | 52.3 | 46.4 | 49.5       | 55.4 | 45.4 | 50.1              | 56.9 | 45.5 |
| 4/27/2012 | 47.2      | 47.5 | 47.0 | 48.0         | 52.8 | 45.6 | 48.4       | 56.7 | 43.5 | 48.6              | 58.2 | 42.0 |
| 4/28/2012 | 47.0      | 47.2 | 46.9 | 47.9         | 52.3 | 45.6 | 48.6       | 56.6 | 43.7 | 49.1              | 58.8 | 42.4 |
| 4/29/2012 | 47.5      | 49.0 | 46.9 | 48.3         | 52.9 | 45.7 | 49.1       | 57.7 | 43.9 | 49.7              | 60.0 | 42.7 |
| 4/30/2012 | 47.6      | 49.8 | 46.9 | 48.4         | 52.2 | 46.0 | 49.4       | 55.4 | 45.3 | 49.9              | 58.4 | 44.4 |

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| Date      | MGORD TOP |      |      | MGORD BOTTOM |      |      | Upper Rush |      |      | Rush above Parker |      |      |
|-----------|-----------|------|------|--------------|------|------|------------|------|------|-------------------|------|------|
|           | Mean      | Max  | Min  | Mean         | Max  | Min  | Mean       | Max  | Min  | Mean              | Max  | Min  |
| 5/1/2012  | 49.2      | 50.4 | 47.5 | 50.3         | 53.7 | 47.4 | 51.3       | 58.1 | 46.6 | 52.1              | 59.9 | 46.6 |
| 5/2/2012  | 49.8      | 51.1 | 49.1 | 50.5         | 54.1 | 47.9 | 50.9       | 58.6 | 46.1 | 51.1              | 59.7 | 44.8 |
| 5/3/2012  | 50.5      | 51.0 | 49.8 | 51.2         | 55.7 | 48.7 | 52.0       | 59.6 | 48.0 | 52.5              | 61.5 | 47.1 |
| 5/4/2012  | 50.4      | 51.2 | 49.7 | 50.7         | 54.8 | 48.0 | 50.6       | 58.1 | 46.1 | 50.6              | 59.0 | 44.6 |
| 5/5/2012  | 50.0      | 50.4 | 49.3 | 50.5         | 55.1 | 47.8 | 50.4       | 58.7 | 45.4 | 50.3              | 59.8 | 43.4 |
| 5/6/2012  | 49.4      | 49.9 | 49.1 | 50.0         | 54.6 | 47.4 | 50.0       | 58.6 | 44.8 | 50.0              | 60.0 | 42.9 |
| 5/7/2012  | 49.5      | 49.9 | 48.9 | 50.1         | 54.9 | 47.5 | 50.3       | 59.0 | 44.9 | 50.3              | 60.4 | 43.2 |
| 5/8/2012  | 49.4      | 50.2 | 48.8 | 50.2         | 55.2 | 47.2 | 50.7       | 59.4 | 45.0 | 50.9              | 61.1 | 43.4 |
| 5/9/2012  | 50.1      | 51.1 | 49.4 | 51.1         | 56.3 | 48.0 | 51.9       | 61.3 | 46.1 | 52.3              | 63.1 | 44.7 |
| 5/10/2012 | 49.9      | 50.8 | 49.1 | 50.9         | 55.5 | 47.9 | 51.9       | 60.2 | 46.5 | 52.7              | 62.3 | 45.7 |
| 5/11/2012 | 49.7      | 50.4 | 49.1 | 50.8         | 55.5 | 47.8 | 51.6       | 59.8 | 46.0 | 52.1              | 61.8 | 44.9 |
| 5/12/2012 | 49.9      | 51.0 | 49.4 | 51.0         | 56.0 | 48.3 | 51.8       | 60.7 | 46.2 | 52.5              | 63.0 | 44.9 |
| 5/13/2012 | 50.2      | 52.1 | 49.7 | 51.1         | 55.5 | 48.3 | 51.9       | 60.6 | 46.5 | 52.5              | 62.2 | 45.1 |
| 5/14/2012 | 52.7      | 55.5 | 49.7 | 53.0         | 58.3 | 48.9 | 53.2       | 60.1 | 48.3 | 53.3              | 61.5 | 47.7 |
| 5/15/2012 | 51.6      | 53.5 | 50.3 | 52.7         | 56.8 | 49.7 | 53.2       | 61.3 | 48.0 | 53.4              | 62.8 | 46.3 |
| 5/16/2012 | 52.4      | 53.3 | 51.1 | 53.5         | 58.7 | 49.9 | 54.3       | 63.3 | 48.7 | 54.9              | 65.3 | 47.6 |
| 5/17/2012 | 52.9      | 55.2 | 50.8 | 52.9         | 57.2 | 49.6 | 53.0       | 60.7 | 48.5 | 53.2              | 62.0 | 47.5 |
| 5/18/2012 | 52.9      | 54.3 | 52.1 | 53.7         | 57.7 | 51.0 | 53.9       | 61.1 | 49.5 | 53.9              | 62.5 | 48.0 |
| 5/19/2012 | 52.6      | 53.3 | 52.2 | 53.5         | 58.3 | 50.8 | 54.0       | 62.7 | 48.5 | 54.1              | 63.0 | 46.9 |
| 5/20/2012 | 52.5      | 53.0 | 52.1 | 53.8         | 58.4 | 51.1 | 54.7       | 63.6 | 50.1 | 55.5              | 65.6 | 48.9 |
| 5/21/2012 | 53.2      | 55.2 | 52.0 | 54.1         | 58.0 | 51.0 | 54.8       | 61.4 | 49.5 | 54.9              | 61.5 | 48.6 |
| 5/22/2012 | 52.9      | 54.4 | 51.9 | 54.0         | 58.3 | 50.8 | 55.1       | 62.2 | 50.3 | 56.0              | 63.7 | 50.6 |
| 5/23/2012 | 53.0      | 53.9 | 51.9 | 53.7         | 58.0 | 50.7 | 54.2       | 62.0 | 49.5 | 54.6              | 63.4 | 48.4 |
| 5/24/2012 | 53.9      | 56.9 | 52.1 | 54.0         | 57.7 | 50.9 | 53.6       | 61.2 | 48.8 | 53.5              | 62.7 | 47.4 |
| 5/25/2012 | 55.2      | 56.4 | 54.4 | 54.2         | 57.9 | 52.1 | 52.5       | 58.3 | 49.1 | 51.3              | 57.9 | 46.8 |
| 5/26/2012 | 54.0      | 54.3 | 53.7 | 54.0         | 57.9 | 52.1 | 53.3       | 59.8 | 50.0 | 52.6              | 60.6 | 48.5 |
| 5/27/2012 | 54.0      | 54.4 | 53.6 | 54.6         | 59.1 | 52.0 | 54.2       | 62.5 | 48.9 | 53.8              | 63.3 | 46.6 |
| 5/28/2012 | 54.4      | 55.4 | 53.6 | 54.9         | 58.8 | 52.0 | 54.7       | 62.5 | 49.5 | 54.6              | 63.5 | 47.9 |
| 5/29/2012 | 54.7      | 55.1 | 54.1 | 55.6         | 60.2 | 53.1 | 55.9       | 64.7 | 50.7 | 55.8              | 65.0 | 49.1 |
| 5/30/2012 | 54.3      | 54.6 | 54.0 | 55.5         | 60.0 | 53.0 | 56.3       | 64.4 | 51.0 | 56.8              | 65.8 | 49.9 |
| 5/31/2012 | 54.5      | 55.6 | 54.0 | 55.8         | 60.8 | 53.0 | 56.8       | 65.5 | 51.2 | 57.1              | 66.0 | 50.2 |
| 6/1/2012  | 54.5      | 54.9 | 54.1 | 55.9         | 60.1 | 53.4 | 56.9       | 63.7 | 51.8 | 57.1              | 64.1 | 50.9 |
| 6/2/2012  | 54.7      | 55.6 | 54.0 | 55.9         | 60.7 | 52.8 | 56.8       | 64.9 | 51.1 | 56.9              | 65.3 | 50.2 |
| 6/3/2012  | 54.7      | 55.7 | 54.1 | 56.0         | 60.5 | 53.0 | 57.0       | 65.1 | 51.5 | 57.0              | 64.8 | 50.6 |
| 6/4/2012  | 57.2      | 60.1 | 54.1 | 56.4         | 62.8 | 53.0 | 55.8       | 62.7 | 51.5 | 55.3              | 61.4 | 50.6 |
| 6/5/2012  | 56.6      | 57.9 | 55.4 | 56.7         | 60.6 | 53.7 | 55.7       | 63.3 | 51.3 | 54.4              | 62.2 | 48.8 |
| 6/6/2012  | 55.8      | 56.4 | 55.5 | 56.3         | 60.9 | 53.3 | 55.7       | 63.9 | 50.1 | 54.8              | 63.6 | 48.0 |
| 6/7/2012  | 56.2      | 57.3 | 55.5 | 57.0         | 61.6 | 53.8 | 57.0       | 65.4 | 51.1 | 56.5              | 65.7 | 49.3 |
| 6/8/2012  | 56.1      | 56.9 | 55.7 | 57.0         | 61.5 | 54.2 | 57.7       | 65.3 | 52.5 | 57.6              | 65.1 | 51.6 |
| 6/9/2012  | 55.9      | 56.4 | 55.6 | 56.5         | 60.8 | 53.8 | 56.4       | 64.2 | 51.3 | 55.9              | 64.1 | 49.9 |
| 6/10/2012 | 56.4      | 57.2 | 55.6 | 56.9         | 61.6 | 54.1 | 56.4       | 64.5 | 50.9 | 55.6              | 64.4 | 48.8 |
| 6/11/2012 | 56.6      | 57.6 | 55.9 | 57.4         | 62.4 | 54.4 | 57.4       | 66.0 | 51.7 | 57.1              | 66.5 | 49.9 |
| 6/12/2012 | 56.5      | 57.5 | 55.8 | 57.5         | 61.9 | 54.4 | 58.0       | 66.0 | 52.5 | 58.1              | 66.7 | 51.4 |
| 6/13/2012 | 56.7      | 57.2 | 55.7 | 57.9         | 62.7 | 54.4 | 58.5       | 66.7 | 52.9 | 58.4              | 66.9 | 51.5 |
| 6/14/2012 | 57.0      | 57.7 | 56.4 | 58.3         | 62.7 | 55.4 | 59.0       | 66.9 | 53.7 | 59.0              | 66.6 | 52.9 |
| 6/15/2012 | 56.9      | 57.9 | 56.2 | 57.9         | 62.4 | 55.1 | 58.5       | 66.0 | 53.8 | 58.5              | 65.6 | 52.9 |
| 6/16/2012 | 56.6      | 57.4 | 55.9 | 58.0         | 63.0 | 54.8 | 59.0       | 67.3 | 53.1 | 58.9              | 67.1 | 52.2 |
| 6/17/2012 | 56.8      | 57.5 | 56.3 | 58.1         | 62.4 | 55.6 | 59.0       | 66.5 | 53.9 | 58.9              | 66.0 | 52.8 |
| 6/18/2012 | 56.9      | 57.8 | 56.1 | 57.9         | 62.8 | 54.9 | 58.7       | 66.4 | 54.1 | 58.5              | 65.6 | 52.9 |
| 6/19/2012 | 57.3      | 58.1 | 56.7 | 58.2         | 62.7 | 54.8 | 58.7       | 66.9 | 53.3 | 58.3              | 66.2 | 51.8 |
| 6/20/2012 | 57.2      | 57.8 | 56.4 | 58.4         | 62.9 | 55.0 | 59.0       | 67.5 | 53.6 | 58.5              | 66.9 | 52.1 |
| 6/21/2012 | 58.9      | 62.3 | 56.8 | 59.5         | 64.2 | 56.3 | 59.5       | 66.7 | 54.3 | 58.7              | 65.8 | 52.9 |
| 6/22/2012 | 59.2      | 62.2 | 56.6 | 59.1         | 63.0 | 54.9 | 59.0       | 65.8 | 53.1 | 58.1              | 64.4 | 52.8 |
| 6/23/2012 | 60.8      | 61.5 | 60.1 | 60.0         | 64.1 | 57.6 | 59.1       | 66.2 | 55.5 | 57.7              | 64.1 | 53.4 |
| 6/24/2012 | 59.6      | 60.1 | 59.2 | 59.4         | 63.7 | 56.6 | 58.9       | 66.0 | 54.5 | 57.8              | 64.4 | 52.9 |
| 6/25/2012 | 59.0      | 59.6 | 58.5 | 58.5         | 62.9 | 55.9 | 58.1       | 65.0 | 53.9 | 57.3              | 63.8 | 52.5 |
| 6/26/2012 | 58.7      | 59.5 | 57.9 | 58.9         | 63.5 | 55.7 | 58.5       | 66.9 | 52.9 | 57.7              | 66.2 | 51.5 |
| 6/27/2012 | 59.0      | 59.3 | 58.7 | 59.7         | 64.4 | 57.0 | 59.6       | 68.0 | 54.3 | 58.4              | 65.7 | 52.6 |
| 6/28/2012 | 59.4      | 60.3 | 58.8 | 59.8         | 64.2 | 57.0 | 59.7       | 67.6 | 54.3 | 58.4              | 65.2 | 52.6 |
| 6/29/2012 | 59.3      | 59.6 | 58.7 | 60.0         | 64.6 | 57.2 | 60.0       | 68.0 | 54.3 | 58.9              | 65.5 | 52.7 |
| 6/30/2012 | 59.1      | 60.5 | 58.5 | 60.0         | 64.6 | 57.2 | 60.6       | 68.6 | 55.4 | 59.9              | 66.3 | 54.3 |

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| Date      | MGORD TOP |      |      | MGORD BOTTOM |      |      | Upper Rush |      |      | Rush above Parker |      |      |
|-----------|-----------|------|------|--------------|------|------|------------|------|------|-------------------|------|------|
|           | Mean      | Max  | Min  | Mean         | Max  | Min  | Mean       | Max  | Min  | Mean              | Max  | Min  |
| 7/1/2012  | 59.2      | 59.7 | 58.6 | 60.4         | 64.9 | 57.5 | 60.9       | 68.5 | 55.8 | 60.2              | 67.2 | 54.6 |
| 7/2/2012  | 59.1      | 59.7 | 58.6 | 60.5         | 65.3 | 57.3 | 61.3       | 69.5 | 55.6 | 60.6              | 67.4 | 54.6 |
| 7/3/2012  | 59.2      | 60.0 | 58.6 | 60.5         | 65.1 | 57.6 | 61.3       | 69.0 | 56.0 | 60.8              | 67.5 | 55.2 |
| 7/4/2012  | 60.0      | 62.5 | 58.6 | 60.3         | 63.1 | 57.5 | 60.4       | 65.4 | 56.2 | 59.7              | 64.0 | 55.4 |
| 7/5/2012  | 59.8      | 60.8 | 58.7 | 60.6         | 65.2 | 57.4 | 60.7       | 68.2 | 55.4 | 60.0              | 66.8 | 54.5 |
| 7/6/2012  | 59.7      | 60.5 | 58.8 | 60.8         | 65.3 | 57.5 | 61.3       | 69.0 | 55.8 | 60.7              | 68.3 | 54.8 |
| 7/7/2012  | 59.7      | 60.6 | 59.0 | 60.7         | 65.7 | 58.0 | 61.4       | 69.3 | 56.4 | 61.3              | 68.7 | 55.6 |
| 7/8/2012  | 59.8      | 60.5 | 59.0 | 60.8         | 65.5 | 58.0 | 61.5       | 69.6 | 56.2 | 61.1              | 68.4 | 55.0 |
| 7/9/2012  | 60.1      | 61.7 | 59.1 | 61.2         | 66.1 | 57.9 | 61.7       | 69.4 | 56.2 | 61.2              | 68.1 | 55.2 |
| 7/10/2012 | 60.2      | 62.5 | 59.0 | 61.4         | 66.0 | 58.1 | 62.2       | 69.8 | 56.7 | 61.7              | 68.5 | 55.9 |
| 7/11/2012 | 60.2      | 61.7 | 59.1 | 61.5         | 66.0 | 58.3 | 62.4       | 69.9 | 57.0 | 62.1              | 68.6 | 56.3 |
| 7/12/2012 | 60.2      | 61.2 | 59.4 | 60.9         | 64.5 | 58.6 | 61.5       | 66.9 | 57.5 | 61.3              | 65.8 | 56.6 |
| 7/13/2012 | 60.4      | 61.6 | 59.7 | 61.3         | 64.3 | 59.0 | 62.1       | 67.0 | 59.0 | 62.2              | 67.0 | 58.5 |
| 7/14/2012 | 60.7      | 62.4 | 59.6 | 61.5         | 66.0 | 58.5 | 61.8       | 69.3 | 56.9 | 61.7              | 68.7 | 56.0 |
| 7/15/2012 | 60.7      | 62.9 | 59.5 | 61.3         | 65.9 | 58.3 | 61.4       | 68.4 | 56.5 | 61.2              | 67.3 | 55.5 |
| 7/16/2012 | 62.0      | 64.4 | 59.7 | 61.7         | 66.1 | 58.3 | 61.2       | 67.4 | 56.2 | 60.3              | 65.9 | 55.2 |
| 7/17/2012 | 63.0      | 64.6 | 60.8 | 62.4         | 66.3 | 59.9 | 61.7       | 68.9 | 58.0 | 60.6              | 66.7 | 56.2 |
| 7/18/2012 | 62.8      | 64.4 | 60.9 | 62.7         | 65.7 | 59.9 | 61.9       | 68.3 | 57.9 | 60.5              | 66.9 | 55.8 |
| 7/19/2012 | 63.7      | 64.2 | 63.4 | 63.0         | 66.5 | 61.4 | 61.8       | 66.0 | 58.4 | 60.3              | 63.9 | 57.7 |
| 7/20/2012 | 63.1      | 64.2 | 61.8 | 63.7         | 68.2 | 61.1 | 63.6       | 70.8 | 58.8 | 62.8              | 69.9 | 57.0 |
| 7/21/2012 | 62.3      | 62.8 | 61.6 | 63.2         | 67.7 | 60.4 | 63.7       | 71.3 | 58.6 | 63.4              | 70.4 | 57.5 |
| 7/22/2012 | 62.4      | 63.8 | 61.6 | 63.2         | 67.5 | 60.7 | 63.4       | 70.3 | 59.3 | 63.0              | 69.2 | 58.2 |
| 7/23/2012 | 62.5      | 64.5 | 61.0 | 63.3         | 67.6 | 60.5 | 63.7       | 70.5 | 59.5 | 63.0              | 68.9 | 59.0 |
| 7/24/2012 | 63.0      | 64.8 | 61.0 | 63.4         | 67.1 | 60.0 | 63.3       | 70.0 | 58.2 | 62.5              | 68.3 | 57.6 |
| 7/25/2012 | 62.9      | 63.9 | 61.5 | 63.4         | 68.0 | 59.7 | 63.1       | 71.0 | 57.5 | 62.0              | 69.8 | 56.2 |
| 7/26/2012 | 62.9      | 64.1 | 61.7 | 63.4         | 67.7 | 60.2 | 63.1       | 70.4 | 58.1 | 62.2              | 69.2 | 56.6 |
| 7/27/2012 | 62.9      | 63.7 | 61.8 | 63.4         | 67.8 | 60.3 | 63.3       | 70.6 | 58.5 | 62.5              | 69.0 | 57.2 |
| 7/28/2012 | 63.1      | 64.2 | 61.9 | 63.5         | 67.7 | 60.4 | 63.1       | 70.5 | 58.8 | 62.1              | 68.6 | 56.7 |
| 7/29/2012 | 63.3      | 64.8 | 62.3 | 63.7         | 67.8 | 60.9 | 63.3       | 70.6 | 58.8 | 62.2              | 68.6 | 57.0 |
| 7/30/2012 | 63.3      | 64.2 | 62.1 | 63.9         | 68.4 | 60.7 | 63.6       | 71.4 | 58.0 | 62.6              | 69.9 | 56.6 |
| 7/31/2012 | 63.3      | 64.0 | 62.4 | 64.0         | 68.8 | 60.9 | 63.8       | 72.0 | 58.5 | 63.1              | 70.8 | 57.1 |
| 8/1/2012  | 63.6      | 64.7 | 62.3 | 64.3         | 68.7 | 62.0 | 64.2       | 71.9 | 59.7 | 63.4              | 70.7 | 57.9 |
| 8/2/2012  | 63.6      | 64.1 | 62.7 | 64.1         | 68.6 | 61.8 | 63.9       | 71.8 | 59.0 | 63.1              | 70.3 | 57.2 |
| 8/3/2012  | 63.5      | 64.0 | 62.4 | 64.0         | 68.1 | 61.8 | 63.8       | 70.8 | 59.1 | 62.9              | 69.2 | 57.4 |
| 8/4/2012  | 63.6      | 64.3 | 62.8 | 63.9         | 67.4 | 62.5 | 63.8       | 69.5 | 60.7 | 62.8              | 67.9 | 59.2 |
| 8/5/2012  | 63.7      | 64.5 | 62.9 | 64.3         | 68.5 | 61.7 | 64.2       | 70.6 | 60.4 | 63.2              | 68.6 | 58.8 |
| 8/6/2012  | 63.7      | 64.7 | 62.9 | 64.3         | 69.1 | 61.5 | 64.2       | 71.7 | 59.2 | 63.0              | 69.4 | 57.8 |
| 8/7/2012  | 63.7      | 65.1 | 62.8 | 64.3         | 68.7 | 61.5 | 64.4       | 71.3 | 59.5 | 63.3              | 69.3 | 58.2 |
| 8/8/2012  | 63.8      | 64.8 | 62.8 | 64.7         | 69.2 | 61.8 | 65.0       | 71.9 | 60.1 | 64.0              | 69.2 | 58.9 |
| 8/9/2012  | 63.8      | 65.1 | 62.9 | 64.7         | 69.4 | 61.9 | 65.0       | 72.0 | 60.2 | 64.0              | 69.8 | 59.2 |
| 8/10/2012 | 64.0      | 65.9 | 62.9 | 64.8         | 69.3 | 62.0 | 65.1       | 71.8 | 60.4 | 64.0              | 69.4 | 59.3 |
| 8/11/2012 | 64.3      | 66.0 | 63.3 | 64.1         | 68.3 | 61.9 | 63.7       | 69.1 | 60.2 | 62.6              | 66.1 | 58.8 |
| 8/12/2012 | 63.8      | 64.8 | 62.9 | 64.1         | 67.5 | 61.8 | 63.6       | 67.8 | 60.3 | 62.3              | 66.0 | 59.5 |
| 8/13/2012 | 63.9      | 64.5 | 63.3 | 64.1         | 67.5 | 62.5 | 64.2       | 69.1 | 61.6 | 63.1              | 66.5 | 60.5 |
| 8/14/2012 | 63.9      | 64.9 | 63.2 | 64.0         | 67.6 | 62.0 | 63.7       | 69.6 | 60.6 | 62.5              | 67.1 | 59.1 |
| 8/15/2012 | 64.0      | 65.1 | 63.2 | 64.4         | 69.5 | 62.1 | 64.4       | 72.1 | 60.2 | 63.3              | 69.1 | 59.2 |
| 8/16/2012 | 63.8      | 64.8 | 63.2 | 64.2         | 68.5 | 62.1 | 64.0       | 69.8 | 60.3 | 62.9              | 67.8 | 58.8 |
| 8/17/2012 | 63.9      | 64.5 | 63.3 | 64.3         | 67.6 | 62.6 | 64.1       | 70.7 | 60.9 | 63.3              | 68.5 | 59.4 |
| 8/18/2012 | 64.0      | 64.6 | 63.5 | 64.1         | 66.7 | 62.4 | 63.7       | 67.4 | 61.0 | 62.9              | 66.2 | 59.9 |
| 8/19/2012 | 63.7      | 64.5 | 63.1 | 64.3         | 67.1 | 62.5 | 64.4       | 69.1 | 61.4 | 63.6              | 68.2 | 60.3 |
| 8/20/2012 | 64.1      | 65.3 | 63.1 | 64.7         | 68.8 | 62.6 | 64.7       | 71.1 | 60.9 | 63.9              | 69.4 | 59.6 |
| 8/21/2012 | 64.3      | 66.8 | 63.0 | 64.5         | 68.6 | 61.6 | 63.8       | 69.2 | 59.5 | 62.8              | 67.4 | 58.3 |
| 8/22/2012 | 64.0      | 65.1 | 63.2 | 64.6         | 69.1 | 62.4 | 64.8       | 71.1 | 61.0 | 64.2              | 69.3 | 60.2 |
| 8/23/2012 | 64.1      | 64.8 | 63.5 | 64.7         | 68.8 | 62.4 | 64.5       | 71.6 | 60.4 | 63.7              | 69.8 | 58.8 |
| 8/24/2012 | 64.2      | 65.1 | 63.4 | 64.7         | 69.4 | 62.0 | 64.4       | 72.1 | 60.2 | 63.8              | 70.4 | 58.9 |
| 8/25/2012 | 64.2      | 65.4 | 63.3 | 64.8         | 69.3 | 62.0 | 64.6       | 71.5 | 60.1 | 64.2              | 70.5 | 59.0 |
| 8/26/2012 | 64.9      | 66.9 | 63.5 | 64.5         | 68.8 | 62.0 | 63.5       | 69.6 | 59.7 | 62.8              | 68.4 | 58.6 |
| 8/27/2012 | 64.9      | 66.4 | 63.5 | 64.4         | 68.7 | 60.9 | 62.7       | 69.8 | 57.6 | 61.4              | 68.3 | 55.7 |
| 8/28/2012 | 65.2      | 66.9 | 63.5 | 64.8         | 68.4 | 61.2 | 63.3       | 69.8 | 58.5 | 62.0              | 68.1 | 56.9 |
| 8/29/2012 | 65.5      | 66.7 | 63.9 | 65.3         | 68.9 | 62.1 | 64.2       | 70.6 | 59.8 | 63.0              | 69.5 | 57.7 |
| 8/30/2012 | 65.6      | 66.8 | 64.3 | 65.8         | 69.6 | 63.2 | 65.1       | 71.1 | 61.4 | 64.3              | 70.3 | 60.0 |
| 8/31/2012 | 65.9      | 66.9 | 64.5 | 65.5         | 68.8 | 63.2 | 64.6       | 70.0 | 61.0 | 63.6              | 68.9 | 60.3 |



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| Date       | MGORD TOP |      |      | MGORD BOTTOM |      |      | Upper Rush |      |      | Rush above Parker |      |      |
|------------|-----------|------|------|--------------|------|------|------------|------|------|-------------------|------|------|
|            | Mean      | Max  | Min  | Mean         | Max  | Min  | Mean       | Max  | Min  | Mean              | Max  | Min  |
| 9/1/2012   | 65.4      | 65.9 | 64.7 | 65.0         | 69.3 | 62.7 | 63.4       | 70.7 | 58.7 | 62.1              | 69.3 | 56.4 |
| 9/2/2012   | 64.7      | 65.2 | 64.3 | 64.6         | 69.0 | 62.4 | 63.3       | 70.4 | 58.8 | 62.2              | 69.4 | 56.7 |
| 9/3/2012   | 64.6      | 65.3 | 64.1 | 64.2         | 68.6 | 62.1 | 62.9       | 69.9 | 58.8 | 61.8              | 68.5 | 56.9 |
| 9/4/2012   | 64.6      | 65.3 | 63.9 | 64.4         | 68.5 | 61.9 | 63.3       | 70.4 | 59.1 | 62.3              | 69.6 | 57.1 |
| 9/5/2012   | 64.5      | 64.9 | 64.2 | 64.5         | 67.7 | 62.9 | 63.8       | 68.4 | 60.7 | 63.2              | 67.8 | 59.4 |
| 9/6/2012   | 64.4      | 64.8 | 64.0 | 64.3         | 66.7 | 63.0 | 63.6       | 67.4 | 61.0 | 63.1              | 67.1 | 60.0 |
| 9/7/2012   | 64.3      | 64.8 | 64.1 | 64.7         | 68.9 | 62.5 | 64.3       | 71.1 | 60.1 | 63.9              | 71.0 | 58.7 |
| 9/8/2012   | 64.7      | 65.3 | 64.2 | 64.9         | 68.9 | 62.8 | 64.4       | 70.5 | 60.5 | 64.1              | 70.6 | 59.2 |
| 9/9/2012   | 64.9      | 66.0 | 63.9 | 65.0         | 68.4 | 62.4 | 64.4       | 69.9 | 60.7 | 63.9              | 69.4 | 59.5 |
| 9/10/2012  | 65.3      | 65.9 | 64.4 | 65.2         | 68.8 | 63.5 | 64.3       | 69.7 | 61.0 | 63.8              | 69.3 | 59.6 |
| 9/11/2012  | 64.9      | 65.4 | 64.4 | 64.9         | 69.0 | 62.8 | 63.8       | 70.4 | 60.1 | 63.0              | 69.6 | 58.3 |
| 9/12/2012  | 64.4      | 64.7 | 64.2 | 64.3         | 68.4 | 62.4 | 63.2       | 69.7 | 59.4 | 62.4              | 69.1 | 57.6 |
| 9/13/2012  | 64.4      | 64.7 | 64.2 | 64.1         | 68.2 | 62.1 | 62.7       | 69.7 | 58.5 | 61.8              | 69.2 | 56.5 |
| 9/14/2012  | 64.6      | 64.9 | 64.2 | 64.2         | 68.2 | 62.4 | 62.8       | 69.4 | 59.0 | 61.8              | 69.0 | 56.9 |
| 9/15/2012  | 64.4      | 64.8 | 64.1 | 64.3         | 68.5 | 62.1 | 63.2       | 69.8 | 59.4 | 62.4              | 69.5 | 57.4 |
| 9/16/2012  | 64.3      | 64.7 | 64.1 | 64.1         | 68.3 | 62.2 | 62.9       | 69.3 | 59.3 | 62.2              | 68.8 | 57.5 |
| 9/17/2012  | 64.2      | 64.6 | 64.0 | 64.1         | 68.1 | 62.2 | 62.8       | 69.2 | 59.1 | 62.0              | 68.6 | 57.3 |
| 9/18/2012  | 64.1      | 64.3 | 63.9 | 63.9         | 68.1 | 62.0 | 62.7       | 69.3 | 58.8 | 61.8              | 68.6 | 56.8 |
| 9/19/2012  | 64.2      | 64.5 | 64.0 | 64.0         | 68.2 | 62.1 | 62.8       | 69.2 | 58.9 | 61.9              | 68.6 | 57.0 |
| 9/20/2012  | 64.2      | 64.5 | 64.0 | 64.0         | 67.7 | 62.1 | 62.8       | 68.7 | 59.1 | 62.0              | 68.3 | 57.2 |
| 9/21/2012  | 64.1      | 64.4 | 64.0 | 64.0         | 67.6 | 62.2 | 62.9       | 68.7 | 59.3 | 62.2              | 68.1 | 57.6 |
| 9/22/2012  | 64.5      | 64.9 | 64.1 | 64.0         | 67.0 | 62.5 | 62.8       | 67.1 | 60.0 | 61.9              | 66.4 | 58.3 |
| 9/23/2012  | 64.5      | 64.8 | 64.2 | 63.9         | 67.5 | 62.2 | 62.5       | 68.1 | 59.1 | 61.5              | 66.9 | 57.3 |
| 9/24/2012  | 63.8      | 64.3 | 63.5 | 63.2         | 66.9 | 61.1 | 62.1       | 67.7 | 59.0 | 61.4              | 67.0 | 57.6 |
| 9/25/2012  | 63.5      | 63.8 | 63.3 | 63.0         | 67.1 | 61.1 | 61.4       | 67.5 | 57.7 | 60.3              | 66.6 | 55.8 |
| 9/26/2012  | 63.1      | 63.4 | 62.9 | 62.7         | 66.6 | 60.9 | 61.2       | 67.3 | 57.6 | 60.2              | 66.6 | 55.7 |
| 9/27/2012  | 62.9      | 63.2 | 62.7 | 62.6         | 66.6 | 60.8 | 61.2       | 67.5 | 57.5 | 60.3              | 66.8 | 55.6 |
| 9/28/2012  | 63.0      | 63.2 | 62.8 | 62.5         | 66.5 | 60.9 | 61.1       | 67.1 | 57.7 | 60.3              | 66.5 | 55.8 |
| 9/29/2012  | 62.9      | 63.2 | 62.7 | 62.6         | 66.6 | 60.8 | 61.3       | 67.5 | 57.7 | 60.4              | 66.7 | 55.8 |
| 9/30/2012  | 62.7      | 63.0 | 62.6 | 62.4         | 66.3 | 60.7 | 61.0       | 67.2 | 57.4 | 60.2              | 66.4 | 55.6 |
| 10/1/2012  | 62.6      | 62.9 | 62.4 | 62.3         | 66.1 | 60.5 | 61.0       | 67.1 | 57.3 | 60.1              | 66.6 | 55.3 |
| 10/2/2012  | 62.6      | 62.9 | 62.4 | 62.3         | 66.2 | 60.6 | 61.0       | 67.3 | 57.5 | 60.3              | 66.8 | 55.6 |
| 10/3/2012  | 62.7      | 63.0 | 62.5 | 62.4         | 66.1 | 60.6 | 61.0       | 67.0 | 57.4 | 60.2              | 66.4 | 55.6 |
| 10/4/2012  | 62.5      | 62.9 | 62.4 | 62.1         | 65.9 | 60.5 | 60.7       | 66.5 | 57.6 | 59.9              | 66.5 | 55.8 |
| 10/5/2012  | 62.4      | 62.7 | 62.3 | 61.6         | 64.3 | 60.2 | 59.8       | 64.1 | 56.7 | 58.5              | 63.9 | 54.3 |
| 10/6/2012  | 62.2      | 62.5 | 62.0 | 61.6         | 65.2 | 60.0 | 59.8       | 65.5 | 56.5 | 58.6              | 65.2 | 54.0 |
| 10/7/2012  | 61.9      | 62.2 | 61.7 | 61.2         | 64.7 | 59.6 | 59.3       | 64.9 | 56.0 | 58.0              | 64.5 | 53.4 |
| 10/8/2012  | 61.9      | 62.3 | 61.6 | 60.8         | 64.1 | 59.2 | 58.7       | 63.7 | 55.6 | 57.1              | 62.7 | 52.9 |
| 10/9/2012  | 61.3      | 61.7 | 61.0 | 60.3         | 63.4 | 58.7 | 58.5       | 63.4 | 55.0 | 57.2              | 63.1 | 52.4 |
| 10/10/2012 | 61.1      | 61.3 | 60.8 | 60.0         | 63.0 | 58.8 | 58.2       | 62.9 | 55.6 | 57.1              | 63.0 | 53.2 |
| 10/11/2012 | 60.5      | 60.9 | 60.3 | 59.2         | 61.6 | 58.5 | 56.9       | 59.7 | 55.1 | 55.3              | 59.5 | 52.6 |
| 10/12/2012 | 60.0      | 60.3 | 59.9 | 59.4         | 61.6 | 58.4 | 58.0       | 61.5 | 56.2 | 57.1              | 61.2 | 54.5 |
| 10/13/2012 | 59.8      | 60.0 | 59.7 | 59.3         | 62.5 | 58.0 | 57.9       | 62.6 | 55.3 | 56.9              | 62.4 | 53.3 |
| 10/14/2012 | 59.4      | 59.6 | 59.3 | 58.9         | 62.1 | 57.5 | 57.5       | 62.7 | 54.6 | 56.6              | 62.8 | 52.5 |
| 10/15/2012 | 59.3      | 59.4 | 59.2 | 58.9         | 62.0 | 57.6 | 57.7       | 62.5 | 55.2 | 57.0              | 62.6 | 53.4 |
| 10/16/2012 | 59.1      | 59.3 | 59.0 | 58.9         | 62.2 | 57.5 | 57.9       | 63.3 | 55.0 | 57.2              | 63.8 | 53.1 |
| 10/17/2012 | 59.0      | 59.2 | 58.9 | 58.6         | 61.7 | 57.2 | 57.2       | 62.3 | 54.5 | 56.3              | 62.3 | 52.4 |
| 10/18/2012 | 58.9      | 59.1 | 58.8 | 58.4         | 61.6 | 57.0 | 57.0       | 62.2 | 54.0 | 56.0              | 62.3 | 51.7 |
| 10/19/2012 | 58.8      | 58.9 | 58.7 | 58.4         | 61.8 | 57.1 | 57.2       | 62.4 | 54.4 | 56.4              | 62.6 | 52.5 |
| 10/20/2012 | 58.7      | 58.9 | 58.5 | 57.9         | 60.7 | 56.6 | 56.6       | 61.0 | 54.0 | 55.6              | 60.8 | 52.0 |
| 10/21/2012 | 58.4      | 58.8 | 58.0 | 57.4         | 60.2 | 56.1 | 56.2       | 60.9 | 53.6 | 55.3              | 61.1 | 51.9 |
| 10/22/2012 | 57.3      | 58.4 | 56.6 | 55.0         | 57.0 | 53.6 | 53.0       | 55.4 | 51.0 | 51.5              | 54.4 | 49.0 |
| 10/23/2012 | 55.8      | 56.4 | 55.5 | 53.6         | 56.8 | 51.2 | 51.3       | 55.9 | 48.4 | 49.6              | 54.7 | 45.9 |
| 10/24/2012 | 55.2      | 55.5 | 54.8 | 53.7         | 56.6 | 52.5 | 51.6       | 55.6 | 49.9 | 50.0              | 54.9 | 47.2 |
| 10/25/2012 | 54.6      | 55.0 | 54.1 | 53.9         | 56.9 | 52.3 | 52.4       | 57.0 | 50.0 | 51.1              | 56.6 | 47.7 |
| 10/26/2012 | 53.9      | 54.1 | 53.8 | 53.3         | 56.4 | 51.9 | 51.8       | 56.9 | 48.7 | 50.6              | 56.6 | 46.3 |
| 10/27/2012 | 53.8      | 54.0 | 53.7 | 53.4         | 56.5 | 52.1 | 52.2       | 57.2 | 49.6 | 51.3              | 57.2 | 47.4 |
| 10/28/2012 | 53.6      | 53.8 | 53.5 | 53.2         | 56.3 | 51.9 | 52.1       | 57.0 | 49.5 | 51.4              | 57.0 | 47.6 |
| 10/29/2012 | 53.6      | 53.8 | 53.5 | 53.2         | 56.3 | 51.9 | 52.1       | 57.1 | 49.5 | 51.3              | 57.1 | 47.4 |
| 10/30/2012 | 53.5      | 53.6 | 53.4 | 53.0         | 56.1 | 51.7 | 51.8       | 56.8 | 49.1 | 51.0              | 56.7 | 47.1 |
| 10/31/2012 | 53.2      | 53.4 | 52.6 | 51.9         | 53.4 | 50.6 | 50.5       | 53.6 | 49.0 | 49.4              | 53.2 | 46.9 |

FINAL REPORT: Monitoring Results for RY2012

| Date       | MGORD TOP |      |      | MGORD BOTTOM |      |      | Upper Rush |      |      | Rush above Parker |      |      |
|------------|-----------|------|------|--------------|------|------|------------|------|------|-------------------|------|------|
|            | Mean      | Max  | Min  | Mean         | Max  | Min  | Mean       | Max  | Min  | Mean              | Max  | Min  |
| 11/1/2012  | 52.4      | 52.7 | 52.2 | 51.5         | 53.3 | 50.6 | 50.5       | 52.9 | 48.9 | 49.7              | 52.6 | 47.5 |
| 11/2/2012  | 52.2      | 52.4 | 52.1 | 51.7         | 54.6 | 50.4 | 50.4       | 55.0 | 47.8 | 49.5              | 54.8 | 45.8 |
| 11/3/2012  | 52.1      | 52.3 | 51.9 | 51.5         | 54.6 | 50.3 | 50.1       | 54.9 | 47.6 | 49.1              | 54.8 | 45.5 |
| 11/4/2012  | 51.8      | 52.0 | 51.6 | 51.3         | 54.3 | 50.0 | 50.0       | 54.8 | 47.5 | 49.1              | 54.8 | 45.5 |
| 11/5/2012  | 51.7      | 51.9 | 51.6 | 51.3         | 54.4 | 50.0 | 50.2       | 55.1 | 47.6 | 49.4              | 55.3 | 45.7 |
| 11/6/2012  | 51.7      | 51.9 | 51.6 | 51.3         | 54.3 | 49.9 | 50.1       | 55.0 | 47.4 | 49.3              | 55.2 | 45.4 |
| 11/7/2012  | 51.7      | 52.0 | 51.6 | 51.2         | 54.2 | 50.0 | 50.2       | 55.0 | 47.9 | 49.5              | 55.1 | 46.0 |
| 11/8/2012  | 50.9      | 51.7 | 50.0 | 49.0         | 49.9 | 47.6 | 47.5       | 48.8 | 45.5 | 46.3              | 47.7 | 43.6 |
| 11/9/2012  | 49.8      | 50.0 | 49.6 | 48.2         | 50.2 | 47.0 | 46.0       | 49.2 | 44.2 | 44.3              | 47.6 | 42.1 |
| 11/10/2012 | 49.2      | 49.5 | 49.0 | 47.7         | 50.0 | 46.7 | 45.2       | 48.8 | 43.3 | 43.3              | 47.9 | 40.7 |
| 11/11/2012 | 48.7      | 49.0 | 48.5 | 47.4         | 50.1 | 46.0 | 44.9       | 49.5 | 42.2 | 42.9              | 48.5 | 39.2 |
| 11/12/2012 | 48.5      | 48.8 | 48.1 | 47.6         | 50.4 | 46.6 | 46.0       | 50.4 | 43.7 | 44.6              | 50.4 | 41.2 |
| 11/13/2012 | 48.0      | 48.2 | 47.9 | 47.3         | 50.2 | 46.1 | 45.8       | 50.4 | 43.2 | 44.7              | 50.2 | 40.9 |
| 11/14/2012 | 47.9      | 48.0 | 47.8 | 47.2         | 49.8 | 46.1 | 45.9       | 50.3 | 43.5 | 45.0              | 50.6 | 41.4 |
| 11/15/2012 | 47.8      | 48.0 | 47.7 | 47.2         | 49.8 | 46.1 | 46.1       | 50.3 | 43.6 | 45.1              | 50.0 | 41.6 |
| 11/16/2012 | 47.7      | 48.0 | 47.6 | 47.3         | 49.3 | 46.4 | 46.5       | 49.8 | 44.8 | 45.8              | 49.1 | 43.5 |
| 11/17/2012 | 47.4      | 47.7 | 47.2 | 46.9         | 49.0 | 46.0 | 46.4       | 49.5 | 45.0 | 46.0              | 49.6 | 44.2 |
| 11/18/2012 | 46.6      | 47.1 | 46.3 | 45.6         | 47.7 | 44.9 | 45.0       | 48.3 | 43.4 | 44.7              | 48.2 | 42.3 |
| 11/19/2012 | 46.2      | 46.3 | 46.1 | 45.7         | 47.6 | 44.9 | 44.9       | 48.5 | 43.2 | 44.3              | 48.2 | 41.8 |
| 11/20/2012 | 46.4      | 46.7 | 46.2 | 45.9         | 48.5 | 44.8 | 45.2       | 49.8 | 42.9 | 44.7              | 50.5 | 41.4 |
| 11/21/2012 | 46.2      | 46.4 | 45.9 | 45.7         | 47.8 | 44.8 | 45.3       | 48.5 | 43.6 | 45.0              | 48.8 | 43.0 |
| 11/22/2012 | 45.9      | 46.2 | 45.7 | 45.4         | 47.8 | 44.4 | 44.3       | 48.3 | 42.2 | 43.5              | 48.4 | 40.4 |
| 11/23/2012 | 45.9      | 46.1 | 45.7 | 45.3         | 48.0 | 44.3 | 44.2       | 48.5 | 41.9 | 43.4              | 48.7 | 40.2 |
| 11/24/2012 | 45.7      | 45.9 | 45.6 | 45.2         | 47.8 | 44.3 | 44.2       | 48.4 | 42.0 | 43.4              | 48.6 | 40.2 |
| 11/25/2012 | 45.6      | 45.7 | 45.4 | 45.0         | 47.5 | 44.0 | 43.9       | 48.0 | 41.9 | 43.1              | 48.1 | 40.2 |
| 11/26/2012 | 45.2      | 45.4 | 45.0 | 44.5         | 47.0 | 43.5 | 43.1       | 47.3 | 40.8 | 42.2              | 47.1 | 38.9 |
| 11/27/2012 | 44.9      | 45.0 | 44.7 | 44.1         | 45.5 | 43.4 | 43.0       | 45.5 | 41.3 | 42.1              | 45.3 | 39.6 |
| 11/28/2012 | 44.4      | 44.7 | 44.0 | 43.3         | 44.1 | 42.8 | 42.4       | 43.8 | 41.7 | 41.8              | 43.5 | 40.7 |
| 11/29/2012 | 43.9      | 44.1 | 43.6 | 43.3         | 45.3 | 42.4 | 42.8       | 45.7 | 41.6 | 42.5              | 46.3 | 40.8 |
| 11/30/2012 | 43.1      | 43.6 | 42.6 | 41.9         | 42.6 | 41.2 | 41.2       | 42.4 | 40.2 | 40.7              | 42.2 | 39.7 |
| 12/1/2012  | 42.5      | 42.8 | 42.2 | 42.1         | 44.9 | 40.7 | 42.0       | 46.3 | 39.7 | 41.9              | 47.6 | 39.0 |
| 12/2/2012  | 42.3      | 42.6 | 42.0 | 41.6         | 42.1 | 41.1 | 41.5       | 42.0 | 40.4 | 41.4              | 41.9 | 40.2 |
| 12/3/2012  | 42.0      | 42.1 | 41.9 | 41.7         | 43.9 | 40.9 | 41.4       | 44.7 | 39.7 | 41.1              | 45.0 | 38.9 |
| 12/4/2012  | 42.3      | 42.5 | 42.0 | 42.2         | 44.2 | 41.4 | 42.2       | 44.9 | 40.7 | 42.2              | 45.8 | 40.3 |
| 12/5/2012  | 42.1      | 42.4 | 42.0 | 42.0         | 43.0 | 41.6 | 42.2       | 43.9 | 41.5 | 42.5              | 44.3 | 41.4 |
| 12/6/2012  | 42.0      | 42.2 | 41.9 | 41.8         | 43.2 | 40.8 | 41.7       | 43.9 | 39.7 | 41.8              | 44.6 | 39.4 |
| 12/7/2012  | 41.9      | 42.1 | 41.8 | 41.4         | 43.7 | 40.6 | 40.6       | 44.2 | 39.0 | 40.1              | 44.2 | 37.8 |
| 12/8/2012  | 41.7      | 41.9 | 41.6 | 41.2         | 43.4 | 40.4 | 40.4       | 43.8 | 38.7 | 39.7              | 43.8 | 37.3 |
| 12/9/2012  | 41.5      | 41.7 | 41.3 | 41.1         | 43.3 | 40.3 | 40.3       | 43.8 | 38.7 | 39.8              | 43.9 | 37.5 |
| 12/10/2012 | 41.3      | 41.5 | 41.2 | 40.8         | 43.1 | 40.0 | 40.1       | 43.8 | 38.4 | 39.5              | 44.0 | 37.0 |
| 12/11/2012 | 41.3      | 41.4 | 41.1 | 40.8         | 43.2 | 39.9 | 40.0       | 44.1 | 38.3 | 39.5              | 44.4 | 37.0 |
| 12/12/2012 | 40.9      | 41.3 | 40.6 | 39.9         | 40.7 | 39.4 | 39.2       | 40.6 | 38.4 | 38.7              | 40.5 | 37.7 |
| 12/13/2012 | 40.5      | 40.6 | 40.4 | 39.8         | 41.5 | 38.9 | 38.7       | 40.9 | 37.0 | 38.0              | 40.7 | 35.7 |
| 12/14/2012 | 40.1      | 40.3 | 39.9 | 39.4         | 40.8 | 38.6 | 38.1       | 40.7 | 36.5 | 37.2              | 40.3 | 35.1 |
| 12/15/2012 | 39.9      | 40.0 | 39.8 | 39.2         | 41.0 | 38.2 | 38.0       | 40.7 | 36.1 | 37.2              | 40.1 | 34.5 |
| 12/16/2012 | 39.7      | 39.8 | 39.5 | 39.1         | 40.4 | 38.3 | 38.3       | 41.0 | 36.6 | 37.6              | 40.6 | 35.3 |
| 12/17/2012 | 39.5      | 39.7 | 39.3 | 38.9         | 39.7 | 38.3 | 38.6       | 40.0 | 37.5 | 38.3              | 40.1 | 37.0 |
| 12/18/2012 | 39.4      | 39.6 | 39.2 | 38.7         | 40.0 | 37.4 | 38.0       | 39.7 | 35.7 | 37.5              | 39.8 | 34.7 |
| 12/19/2012 | 39.0      | 39.2 | 38.7 | 37.8         | 39.9 | 37.1 | 35.9       | 39.3 | 34.1 | 34.6              | 38.6 | 32.0 |
| 12/20/2012 | 38.8      | 39.0 | 38.0 | 37.7         | 40.2 | 36.4 | 36.1       | 40.1 | 34.3 | 34.9              | 39.5 | 32.2 |
| 12/21/2012 | 37.9      | 38.3 | 37.5 | 36.7         | 38.2 | 36.0 | 35.9       | 37.8 | 35.0 | 35.2              | 37.4 | 33.9 |
| 12/22/2012 | 37.1      | 37.5 | 36.9 | 35.9         | 36.4 | 35.0 | 35.0       | 35.7 | 33.8 | 34.4              | 35.3 | 33.1 |
| 12/23/2012 | 36.5      | 36.9 | 35.8 | 35.1         | 37.1 | 33.3 | 34.4       | 37.0 | 31.9 | 34.4              | 37.1 | 32.3 |
| 12/24/2012 | 35.8      | 36.2 | 35.3 | 35.1         | 37.0 | 33.8 | 34.2       | 37.0 | 32.3 | 33.7              | 37.0 | 32.2 |
| 12/25/2012 | 35.9      | 36.1 | 35.3 | 35.3         | 36.7 | 34.1 | 34.6       | 37.1 | 33.0 | 34.1              | 36.9 | 32.1 |
| 12/26/2012 | 35.2      | 35.5 | 35.0 | 34.5         | 36.0 | 33.9 | 34.0       | 35.9 | 32.9 | 33.9              | 36.3 | 32.3 |
| 12/27/2012 | 35.0      | 35.5 | 34.5 | 34.3         | 35.9 | 33.7 | 33.2       | 35.9 | 31.9 | 33.3              | 35.2 | 32.1 |
| 12/28/2012 | 35.2      | 35.4 | 35.0 | 34.5         | 36.4 | 33.5 | 33.3       | 36.6 | 31.9 | 33.4              | 35.2 | 32.6 |
| 12/29/2012 | 35.4      | 35.5 | 35.2 | 34.8         | 36.7 | 34.0 | 33.9       | 36.7 | 32.4 | 33.6              | 36.4 | 32.3 |
| 12/30/2012 | 35.6      | 35.8 | 35.5 | 35.0         | 36.5 | 34.2 | 34.1       | 36.7 | 32.5 | 33.6              | 36.7 | 32.2 |
| 12/31/2012 | 35.6      | 35.7 | 35.5 | 34.7         | 37.0 | 33.6 | 33.3       | 36.5 | 31.9 | 32.6              | 34.4 | 32.2 |

FINAL REPORT: Monitoring Results for RY2012

| Date      | MGORD TOP |      |      | MGORD BOTTOM |      |      | Upper Rush |      |      | Rush above Parker |      |      |
|-----------|-----------|------|------|--------------|------|------|------------|------|------|-------------------|------|------|
|           | Mean      | Max  | Min  | Mean         | Max  | Min  | Mean       | Max  | Min  | Mean              | Max  | Min  |
| 1/1/2013  | 35.5      | 35.6 | 35.4 | 34.7         | 36.9 | 33.9 | 33.6       | 36.7 | 32.0 | 33.1              | 36.0 | 32.1 |
| 1/2/2013  | 35.6      | 35.8 | 35.5 | 34.7         | 37.2 | 33.8 | 33.2       | 36.8 | 31.9 | 32.4              | 34.2 | 32.0 |
| 1/3/2013  | 35.7      | 35.8 | 35.6 | 34.8         | 37.3 | 34.0 | 33.5       | 36.9 | 31.9 | 32.9              | 35.7 | 32.0 |
| 1/4/2013  | 35.7      | 35.9 | 35.6 | 34.9         | 37.4 | 34.0 | 33.8       | 37.0 | 32.3 | 33.2              | 35.9 | 32.1 |
| 1/5/2013  | 35.7      | 35.9 | 35.7 | 35.1         | 37.4 | 34.2 | 34.1       | 37.4 | 32.5 | 33.5              | 36.4 | 32.1 |
| 1/6/2013  | 35.7      | 35.8 | 35.7 | 35.1         | 36.2 | 34.4 | 34.3       | 36.0 | 33.0 | 33.7              | 35.3 | 32.3 |
| 1/7/2013  | 35.7      | 35.9 | 35.7 | 35.1         | 37.1 | 34.0 | 34.1       | 36.9 | 32.1 | 33.5              | 36.2 | 32.1 |
| 1/8/2013  | 35.8      | 36.0 | 35.7 | 35.4         | 37.8 | 34.5 | 35.0       | 37.9 | 33.4 | 34.7              | 37.6 | 33.1 |
| 1/9/2013  | 35.8      | 36.0 | 35.7 | 35.3         | 37.4 | 34.5 | 34.7       | 37.7 | 33.1 | 34.3              | 37.2 | 32.6 |
| 1/10/2013 | 35.8      | 36.0 | 35.7 | 34.9         | 37.5 | 33.9 | 33.9       | 36.9 | 32.0 | 33.4              | 36.1 | 32.1 |
| 1/11/2013 | 35.8      | 36.0 | 35.7 | 34.8         | 37.3 | 33.9 | 33.3       | 36.9 | 31.9 | 32.5              | 34.4 | 32.1 |
| 1/12/2013 | 35.8      | 36.0 | 35.7 | 34.7         | 37.3 | 33.6 | 33.1       | 36.6 | 31.9 | 32.5              | 34.6 | 32.0 |
| 1/13/2013 | 35.8      | 36.0 | 35.7 | 34.5         | 37.3 | 33.4 | 32.6       | 35.7 | 31.9 | 32.2              | 32.5 | 32.0 |
| 1/14/2013 | 35.8      | 36.0 | 35.8 | 34.6         | 37.4 | 33.4 | 32.9       | 36.3 | 31.9 | 32.1              | 32.3 | 32.0 |
| 1/15/2013 | 35.9      | 36.1 | 35.8 | 35.3         | 38.1 | 34.3 | 34.3       | 37.9 | 32.4 | 33.1              | 36.2 | 32.0 |
| 1/16/2013 | 35.9      | 36.1 | 35.8 | 35.3         | 38.0 | 34.3 | 34.3       | 38.2 | 32.5 | 33.7              | 37.4 | 32.0 |
| 1/17/2013 | 35.9      | 36.1 | 35.8 | 35.1         | 37.9 | 34.0 | 33.6       | 37.7 | 31.9 | 33.0              | 36.3 | 32.1 |
| 1/18/2013 | 35.9      | 36.2 | 35.9 | 35.1         | 37.9 | 34.0 | 33.6       | 37.6 | 31.9 | 33.0              | 36.2 | 32.1 |
| 1/19/2013 | 36.0      | 36.2 | 35.9 | 35.1         | 38.0 | 34.0 | 33.6       | 37.6 | 31.9 | 33.0              | 36.2 | 32.1 |
| 1/20/2013 | 36.0      | 36.2 | 35.9 | 35.1         | 38.0 | 33.9 | 33.6       | 37.7 | 31.9 | 32.9              | 36.0 | 32.1 |
| 1/21/2013 | 36.0      | 36.2 | 35.9 | 35.3         | 38.2 | 34.1 | 33.9       | 38.0 | 32.1 | 33.3              | 36.7 | 32.1 |
| 1/22/2013 | 36.0      | 36.2 | 35.9 | 35.5         | 38.2 | 34.3 | 34.3       | 38.3 | 32.2 | 33.6              | 37.2 | 32.1 |
| 1/23/2013 | 36.1      | 36.3 | 36.0 | 35.9         | 38.4 | 34.8 | 35.5       | 39.0 | 33.5 | 34.9              | 38.3 | 32.7 |
| 1/24/2013 | 36.1      | 36.2 | 36.0 | 36.3         | 37.9 | 35.8 | 36.7       | 38.6 | 35.8 | 36.8              | 38.8 | 35.7 |
| 1/25/2013 | 36.1      | 36.3 | 36.1 | 36.5         | 38.8 | 35.8 | 37.0       | 40.0 | 35.9 | 37.3              | 40.6 | 36.0 |
| 1/26/2013 | 36.2      | 36.4 | 36.1 | 36.3         | 38.8 | 34.9 | 36.7       | 39.9 | 34.6 | 36.9              | 40.6 | 34.9 |
| 1/27/2013 | 36.2      | 36.4 | 36.1 | 35.7         | 38.0 | 34.7 | 35.1       | 38.5 | 33.2 | 34.9              | 38.7 | 32.7 |
| 1/28/2013 | 36.2      | 36.4 | 36.1 | 35.6         | 38.3 | 34.3 | 34.5       | 38.4 | 32.3 | 34.0              | 38.1 | 32.0 |
| 1/29/2013 | 36.3      | 36.5 | 36.2 | 36.2         | 38.4 | 34.9 | 36.1       | 39.5 | 33.5 | 36.0              | 40.2 | 32.6 |
| 1/30/2013 | 36.4      | 36.6 | 36.3 | 36.4         | 39.3 | 35.3 | 36.2       | 40.7 | 34.1 | 36.2              | 41.3 | 33.3 |
| 1/31/2013 | 36.6      | 36.7 | 36.5 | 36.5         | 39.5 | 35.4 | 36.2       | 40.9 | 34.0 | 36.1              | 41.4 | 33.1 |
| 2/1/2013  | 36.7      | 36.9 | 36.6 | 36.5         | 39.6 | 35.2 | 36.0       | 40.9 | 33.4 | 35.8              | 41.1 | 32.4 |
| 2/2/2013  | 36.8      | 36.9 | 36.7 | 36.6         | 38.1 | 35.8 | 36.4       | 38.9 | 34.7 | 36.1              | 39.3 | 34.0 |
| 2/3/2013  | 36.9      | 37.1 | 36.8 | 37.0         | 39.9 | 35.7 | 37.1       | 41.5 | 34.6 | 37.2              | 42.0 | 34.0 |
| 2/4/2013  | 37.0      | 37.3 | 36.9 | 37.0         | 40.1 | 35.7 | 36.8       | 41.7 | 34.3 | 36.7              | 42.2 | 33.4 |
| 2/5/2013  | 37.2      | 37.5 | 37.1 | 37.3         | 40.5 | 36.0 | 37.3       | 42.1 | 35.3 | 37.3              | 42.8 | 34.8 |
| 2/6/2013  | 37.3      | 37.6 | 37.2 | 37.0         | 40.3 | 35.7 | 36.4       | 41.5 | 33.8 | 36.1              | 41.8 | 32.6 |
| 2/7/2013  | 37.4      | 37.7 | 37.3 | 36.6         | 39.0 | 35.6 | 35.8       | 38.9 | 34.3 | 35.3              | 39.1 | 33.5 |
| 2/8/2013  | 37.5      | 37.7 | 37.4 | 37.0         | 39.2 | 35.9 | 36.1       | 39.2 | 34.0 | 35.5              | 38.9 | 33.2 |
| 2/9/2013  | 37.5      | 37.7 | 37.3 | 37.0         | 40.3 | 35.8 | 36.1       | 41.0 | 33.9 | 35.6              | 40.7 | 32.6 |
| 2/10/2013 | 37.6      | 37.9 | 37.4 | 36.9         | 39.8 | 35.7 | 35.9       | 41.0 | 33.5 | 35.2              | 40.5 | 32.1 |
| 2/11/2013 | 37.7      | 37.9 | 37.5 | 37.3         | 40.5 | 35.9 | 36.3       | 41.3 | 33.5 | 35.7              | 41.0 | 32.1 |
| 2/12/2013 | 37.8      | 38.1 | 37.7 | 37.5         | 41.0 | 36.0 | 36.7       | 42.2 | 33.8 | 36.1              | 42.2 | 32.4 |
| 2/13/2013 | 37.9      | 38.2 | 37.8 | 37.9         | 41.4 | 36.4 | 37.4       | 42.9 | 34.6 | 37.1              | 43.1 | 33.3 |
| 2/14/2013 | 38.0      | 38.3 | 37.9 | 38.0         | 41.6 | 36.6 | 37.8       | 43.3 | 35.0 | 37.6              | 43.6 | 33.8 |
| 2/15/2013 | 38.2      | 38.4 | 38.0 | 38.2         | 41.8 | 36.6 | 37.9       | 43.6 | 34.9 | 37.7              | 44.0 | 33.8 |
| 2/16/2013 | 38.3      | 38.5 | 38.2 | 38.2         | 41.3 | 36.9 | 37.9       | 42.8 | 35.2 | 37.7              | 43.4 | 34.0 |
| 2/17/2013 | 38.4      | 38.7 | 38.3 | 38.3         | 41.9 | 36.9 | 38.0       | 43.7 | 35.2 | 37.9              | 44.1 | 34.0 |
| 2/18/2013 | 38.6      | 38.8 | 38.4 | 38.5         | 42.1 | 37.0 | 38.1       | 43.9 | 35.2 | 38.0              | 44.5 | 33.9 |
| 2/19/2013 | 38.7      | 38.9 | 38.5 | 37.9         | 40.8 | 36.6 | 37.2       | 41.8 | 35.3 | 36.8              | 41.6 | 34.6 |
| 2/20/2013 | 38.8      | 39.1 | 38.7 | 38.2         | 41.6 | 36.9 | 37.4       | 42.4 | 35.2 | 36.8              | 42.2 | 34.2 |
| 2/21/2013 | 38.8      | 39.1 | 38.7 | 38.4         | 41.9 | 36.9 | 37.4       | 42.8 | 34.7 | 36.8              | 42.8 | 33.2 |
| 2/22/2013 | 38.8      | 39.1 | 38.7 | 38.7         | 42.3 | 37.0 | 38.1       | 44.0 | 34.9 | 37.7              | 44.3 | 33.5 |
| 2/23/2013 | 38.8      | 39.1 | 38.7 | 38.3         | 41.6 | 36.5 | 37.8       | 42.3 | 35.5 | 37.6              | 42.0 | 34.9 |
| 2/24/2013 | 39.0      | 39.4 | 38.8 | 38.7         | 42.4 | 37.0 | 37.7       | 43.6 | 34.4 | 37.0              | 43.7 | 32.7 |
| 2/25/2013 | 39.2      | 39.5 | 39.0 | 39.0         | 42.5 | 37.5 | 38.3       | 44.1 | 35.3 | 37.9              | 45.0 | 33.7 |
| 2/26/2013 | 39.4      | 39.7 | 39.2 | 39.2         | 42.8 | 37.6 | 38.5       | 44.5 | 35.4 | 38.1              | 45.0 | 33.9 |
| 2/27/2013 | 39.3      | 39.4 | 39.3 | 37.9         | 38.5 | 37.2 | 35.9       | 36.8 | 35.4 | 34.7              | 35.9 | 33.8 |
| 2/28/2013 |           |      |      |              |      |      |            |      |      |                   |      |      |

**7.3 DAILY AVERAGE, MAXIMUM, AND MINIMUM WATER TEMPERATURE (°F) AT RUSH CREEK BELOW THE NARROWS, RUSH CREEK BELOW 10 CHANNEL FALLS, AND RUSH CREEK AT COUNTY ROAD**

| Date      | Below Narrows |      |      | 10 Channel Fall |      |      | County Road |      |      |
|-----------|---------------|------|------|-----------------|------|------|-------------|------|------|
|           | Mean          | Max  | Min  | Mean            | Max  | Min  | Mean        | Max  | Min  |
| 4/1/2012  | 39.7          | 48.0 | 34.6 | 40.0            | 48.5 | 34.1 | 40.3        | 48.9 | 33.8 |
| 4/2/2012  | 40.8          | 50.3 | 34.7 | 41.1            | 50.7 | 33.7 | 41.2        | 50.8 | 33.2 |
| 4/3/2012  | 41.2          | 49.4 | 36.3 | 41.5            | 49.5 | 35.9 | 41.7        | 49.5 | 35.9 |
| 4/4/2012  | 42.0          | 50.9 | 36.5 | 42.5            | 51.2 | 36.4 | 43.1        | 51.7 | 36.3 |
| 4/5/2012  | 39.6          | 47.8 | 34.2 | 39.9            | 48.7 | 33.4 | 40.4        | 48.9 | 33.2 |
| 4/6/2012  | 39.5          | 48.8 | 33.0 | 39.5            | 49.2 | 32.1 | 39.5        | 49.5 | 32.0 |
| 4/7/2012  | 40.9          | 51.2 | 34.1 | 41.1            | 51.4 | 33.0 | 41.4        | 51.5 | 32.5 |
| 4/8/2012  | 42.5          | 52.7 | 35.4 | 42.6            | 52.9 | 34.5 | 42.8        | 53.2 | 34.2 |
| 4/9/2012  | 44.1          | 53.7 | 37.4 | 44.5            | 54.3 | 37.1 | 45.0        | 55.0 | 37.0 |
| 4/10/2012 | 44.3          | 53.3 | 38.4 | 44.8            | 54.0 | 38.2 | 45.5        | 54.7 | 38.3 |
| 4/11/2012 | 42.4          | 49.3 | 38.4 | 42.8            | 50.0 | 38.5 | 43.3        | 50.0 | 38.6 |
| 4/12/2012 | 41.1          | 49.0 | 36.0 | 41.3            | 49.2 | 35.6 | 41.6        | 49.0 | 35.3 |
| 4/13/2012 | 39.5          | 45.9 | 35.4 | 39.6            | 46.1 | 35.4 | 39.8        | 46.0 | 35.3 |
| 4/14/2012 | 41.1          | 47.8 | 36.8 | 41.1            | 47.6 | 36.4 | 41.1        | 48.2 | 36.1 |
| 4/15/2012 | 44.2          | 54.2 | 37.4 | 44.8            | 54.9 | 37.2 | 45.3        | 55.6 | 37.1 |
| 4/16/2012 | 44.0          | 50.7 | 37.7 | 44.6            | 54.1 | 37.6 | 45.1        | 54.0 | 37.6 |
| 4/17/2012 | 46.3          | 54.1 | 39.6 | 46.8            | 55.0 | 39.4 | 47.1        | 54.6 | 39.5 |
| 4/18/2012 | 47.0          | 54.3 | 41.9 | 47.9            | 54.0 | 41.8 | 48.8        | 56.2 | 41.9 |
| 4/19/2012 | 48.3          | 58.8 | 40.5 | 49.3            | 60.0 | 40.8 | 50.1        | 61.0 | 41.2 |
| 4/20/2012 | 49.1          | 59.8 | 41.2 | 50.2            | 61.0 | 41.5 | 51.1        | 61.5 | 41.9 |
| 4/21/2012 | 50.1          | 60.3 | 43.1 | 51.2            | 61.4 | 43.3 | 52.2        | 62.8 | 43.2 |
| 4/22/2012 | 50.4          | 60.7 | 42.9 | 51.5            | 61.6 | 43.1 | 52.4        | 62.7 | 43.4 |
| 4/23/2012 | 50.5          | 59.0 | 44.9 | 51.0            | 59.1 | 44.7 | 51.7        | 59.6 | 44.7 |
| 4/24/2012 | 50.6          | 57.6 | 45.3 | 51.0            | 59.0 | 44.9 | 51.4        | 59.4 | 44.9 |
| 4/25/2012 | 49.7          | 54.9 | 45.5 | 49.6            | 53.7 | 45.5 | 49.8        | 53.6 | 45.7 |
| 4/26/2012 | 50.5          | 56.8 | 46.0 | 51.0            | 58.2 | 45.9 | 51.7        | 59.0 | 46.9 |
| 4/27/2012 | 48.0          | 56.9 | 40.9 | 48.3            | 57.5 | 40.6 | 48.5        | 58.3 | 40.3 |
| 4/28/2012 | 49.1          | 58.4 | 41.9 | 49.5            | 59.1 | 41.7 | 50.0        | 60.1 | 41.6 |
| 4/29/2012 | 49.9          | 59.9 | 42.4 | 50.4            | 60.1 | 42.2 | 50.8        | 61.2 | 42.0 |
| 4/30/2012 | 50.3          | 58.4 | 44.3 | 50.6            | 57.9 | 44.1 | 51.0        | 57.9 | 44.0 |

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| Date      | Below Narrows |      |      | 10 Channel Fall |      |      | County Road |      |      |
|-----------|---------------|------|------|-----------------|------|------|-------------|------|------|
|           | Mean          | Max  | Min  | Mean            | Max  | Min  | Mean        | Max  | Min  |
| 5/1/2012  | 52.7          | 60.7 | 47.4 | 53.3            | 61.6 | 47.0 | 53.9        | 62.7 | 47.0 |
| 5/2/2012  | 51.3          | 60.3 | 44.4 | 51.6            | 60.9 | 44.4 | 52.1        | 61.8 | 44.1 |
| 5/3/2012  | 52.6          | 62.1 | 47.2 | 52.6            | 61.1 | 47.0 | 53.1        | 60.6 | 46.7 |
| 5/4/2012  | 50.1          | 58.6 | 43.7 | 50.6            | 59.1 | 43.8 | 51.1        | 60.3 | 43.5 |
| 5/5/2012  | 49.3          | 59.1 | 41.8 | 49.6            | 59.2 | 41.6 | 49.8        | 60.3 | 41.1 |
| 5/6/2012  | 49.3          | 59.4 | 41.6 | 49.6            | 59.5 | 41.4 | 49.9        | 60.6 | 40.9 |
| 5/7/2012  | 49.7          | 60.2 | 41.9 | 50.0            | 60.3 | 41.7 | 50.3        | 61.5 | 41.1 |
| 5/8/2012  | 50.7          | 61.3 | 42.3 | 51.1            | 61.4 | 42.1 | 51.3        | 62.5 | 41.6 |
| 5/9/2012  | 52.5          | 63.6 | 44.1 | 53.0            | 63.5 | 44.1 | 53.3        | 64.6 | 43.7 |
| 5/10/2012 | 53.3          | 63.1 | 45.7 | 53.9            | 63.6 | 45.9 | 54.5        | 64.8 | 45.6 |
| 5/11/2012 | 52.4          | 61.8 | 44.7 | 52.9            | 62.2 | 45.0 | 53.4        | 63.6 | 44.5 |
| 5/12/2012 | 52.8          | 62.8 | 44.8 | 53.3            | 63.0 | 44.9 | 53.7        | 64.5 | 44.5 |
| 5/13/2012 | 53.1          | 62.2 | 45.3 | 53.6            | 62.4 | 45.5 | 54.0        | 63.6 | 45.0 |
| 5/14/2012 | 53.8          | 61.8 | 48.3 | 54.1            | 62.6 | 48.0 | 54.6        | 63.9 | 47.3 |
| 5/15/2012 | 52.9          | 62.4 | 45.2 | 53.2            | 62.5 | 45.2 | 53.3        | 63.9 | 44.3 |
| 5/16/2012 | 55.2          | 65.3 | 47.7 | 55.7            | 65.5 | 47.8 | 56.1        | 66.9 | 47.3 |
| 5/17/2012 | 53.6          | 62.0 | 47.6 | 54.1            | 62.2 | 48.1 | 54.6        | 63.5 | 47.7 |
| 5/18/2012 | 53.4          | 62.1 | 46.9 | 53.7            | 62.4 | 47.0 | 53.9        | 63.7 | 46.4 |
| 5/19/2012 | 53.8          | 62.8 | 46.1 | 54.2            | 63.3 | 46.2 | 54.4        | 65.4 | 45.5 |
| 5/20/2012 | 56.0          | 66.1 | 48.9 | 56.3            | 64.4 | 48.9 | 56.9        | 66.7 | 48.5 |
| 5/21/2012 | 55.4          | 61.9 | 48.9 | 55.7            | 61.9 | 49.2 | 56.0        | 63.2 | 48.9 |
| 5/22/2012 | 56.6          | 64.3 | 51.0 | 57.2            | 64.8 | 51.0 | 57.8        | 66.6 | 50.8 |
| 5/23/2012 | 54.7          | 63.4 | 48.0 | 55.4            | 63.7 | 48.3 | 55.8        | 65.3 | 47.6 |
| 5/24/2012 | 53.0          | 62.5 | 46.5 | 53.7            | 63.1 | 46.8 | 54.0        | 64.4 | 45.8 |
| 5/25/2012 | 49.7          | 56.1 | 45.3 | 49.9            | 56.0 | 45.2 | 49.8        | 57.3 | 44.0 |
| 5/26/2012 | 50.6          | 58.9 | 46.0 | 50.6            | 58.8 | 46.0 | 50.6        | 59.1 | 45.1 |
| 5/27/2012 | 52.1          | 61.6 | 44.4 | 52.2            | 61.7 | 44.1 | 52.2        | 63.1 | 43.1 |
| 5/28/2012 | 53.6          | 62.8 | 46.3 | 54.0            | 63.0 | 46.5 | 54.2        | 64.4 | 45.7 |
| 5/29/2012 | 55.0          | 64.2 | 47.6 | 55.2            | 63.6 | 47.4 | 55.4        | 65.4 | 46.6 |
| 5/30/2012 | 56.6          | 65.9 | 49.0 | 57.1            | 66.2 | 49.4 | 57.7        | 68.1 | 48.8 |
| 5/31/2012 | 57.4          | 66.9 | 49.7 | 58.1            | 67.2 | 50.0 | 58.6        | 68.7 | 49.4 |
| 6/1/2012  | 58.0          | 66.1 | 51.1 | 58.8            | 66.6 | 51.7 | 59.3        | 67.6 | 51.4 |
| 6/2/2012  | 57.9          | 66.3 | 50.8 | 58.6            | 67.3 | 51.0 | 59.2        | 68.7 | 50.9 |
| 6/3/2012  | 58.0          | 66.4 | 51.0 | 58.6            | 67.2 | 51.2 | 59.2        | 68.3 | 51.1 |
| 6/4/2012  | 55.8          | 62.6 | 51.0 | 56.3            | 63.2 | 51.2 | 57.1        | 64.2 | 51.2 |
| 6/5/2012  | 52.7          | 61.1 | 46.6 | 52.8            | 61.2 | 46.2 | 53.0        | 62.3 | 45.5 |
| 6/6/2012  | 53.3          | 62.6 | 45.7 | 53.4            | 63.0 | 45.4 | 53.5        | 64.0 | 44.7 |
| 6/7/2012  | 55.5          | 65.3 | 47.5 | 55.8            | 66.5 | 46.8 | 56.1        | 67.5 | 46.7 |
| 6/8/2012  | 57.6          | 65.6 | 51.1 | 57.9            | 66.3 | 51.2 | 58.6        | 67.4 | 51.4 |
| 6/9/2012  | 55.5          | 64.4 | 48.5 | 55.7            | 64.9 | 48.0 | 56.3        | 66.2 | 47.8 |
| 6/10/2012 | 54.5          | 63.8 | 46.9 | 54.6            | 64.2 | 46.3 | 54.8        | 65.3 | 45.5 |
| 6/11/2012 | 56.3          | 66.2 | 48.3 | 56.6            | 66.8 | 47.8 | 56.8        | 67.9 | 47.2 |
| 6/12/2012 | 58.1          | 67.4 | 50.5 | 58.6            | 68.1 | 50.4 | 59.1        | 69.6 | 50.2 |
| 6/13/2012 | 58.6          | 67.6 | 50.8 | 59.0            | 68.4 | 50.8 | 59.5        | 69.8 | 50.4 |
| 6/14/2012 | 59.3          | 67.8 | 52.4 | 59.8            | 67.2 | 52.5 | 60.3        | 68.4 | 52.3 |
| 6/15/2012 | 59.2          | 67.1 | 52.9 | 59.8            | 67.3 | 53.0 | 60.4        | 68.7 | 52.8 |
| 6/16/2012 | 59.6          | 68.8 | 52.1 | 60.2            | 69.3 | 52.3 | 60.7        | 70.7 | 52.0 |
| 6/17/2012 | 59.8          | 68.2 | 52.9 | 60.5            | 68.7 | 53.1 | 61.0        | 70.2 | 52.8 |
| 6/18/2012 | 59.2          | 67.0 | 53.3 | 60.0            | 68.1 | 53.6 | 60.5        | 69.8 | 53.3 |
| 6/19/2012 | 58.8          | 67.9 | 51.5 | 59.4            | 68.3 | 51.5 | 59.8        | 69.6 | 51.2 |
| 6/20/2012 | 58.8          | 68.0 | 51.2 | 59.5            | 68.7 | 51.3 | 59.9        | 70.2 | 50.8 |
| 6/21/2012 | 59.1          | 67.7 | 52.4 | 59.5            | 68.0 | 52.6 | 60.0        | 69.3 | 52.1 |
| 6/22/2012 | 58.1          | 65.7 | 52.2 | 58.6            | 66.2 | 53.1 | 58.9        | 67.5 | 52.6 |
| 6/23/2012 | 57.2          | 64.6 | 52.1 | 57.3            | 64.8 | 51.8 | 57.5        | 66.1 | 51.1 |
| 6/24/2012 | 57.3          | 65.3 | 51.4 | 57.5            | 65.7 | 51.1 | 57.5        | 66.9 | 50.3 |
| 6/25/2012 | 57.0          | 64.9 | 51.3 | 57.3            | 65.4 | 51.2 | 57.5        | 66.8 | 50.6 |
| 6/26/2012 | 57.2          | 67.3 | 49.8 | 57.6            | 67.7 | 49.9 | 57.8        | 69.0 | 49.1 |
| 6/27/2012 | 58.1          | 67.1 | 50.9 | 58.4            | 67.3 | 50.7 | 58.6        | 68.8 | 49.9 |
| 6/28/2012 | 58.5          | 67.3 | 50.9 | 58.8            | 67.7 | 50.9 | 59.1        | 69.3 | 50.2 |
| 6/29/2012 | 59.0          | 67.5 | 51.1 | 59.4            | 68.1 | 51.3 | 59.6        | 69.6 | 50.6 |
| 6/30/2012 | 60.4          | 69.0 | 53.4 | 60.7            | 69.7 | 53.3 | 61.2        | 71.1 | 53.0 |

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| Date      | Below Narrows |      |      | 10 Channel Fall |      |      | County Road |      |      |
|-----------|---------------|------|------|-----------------|------|------|-------------|------|------|
|           | Mean          | Max  | Min  | Mean            | Max  | Min  | Mean        | Max  | Min  |
| 7/1/2012  | 60.8          | 69.3 | 53.9 | 61.4            | 70.5 | 53.7 | 62.0        | 72.1 | 53.3 |
| 7/2/2012  | 61.5          | 69.4 | 54.3 | 62.1            | 70.2 | 54.5 | 62.6        | 72.1 | 54.3 |
| 7/3/2012  | 61.9          | 70.4 | 55.0 | 62.6            | 71.3 | 55.2 | 63.3        | 72.7 | 55.0 |
| 7/4/2012  | 60.5          | 65.9 | 55.3 | 61.1            | 66.7 | 55.8 | 61.6        | 67.9 | 55.5 |
| 7/5/2012  | 60.3          | 68.6 | 53.7 | 60.6            | 68.3 | 53.8 | 60.8        | 69.6 | 53.3 |
| 7/6/2012  | 61.1          | 70.2 | 53.8 | 61.7            | 70.6 | 53.7 | 62.0        | 72.3 | 53.1 |
| 7/7/2012  | 61.9          | 71.2 | 55.0 | 62.7            | 71.4 | 55.4 | 63.3        | 73.1 | 55.1 |
| 7/8/2012  | 61.7          | 70.7 | 54.0 | 62.4            | 71.3 | 54.3 | 62.8        | 72.7 | 53.8 |
| 7/9/2012  | 61.8          | 70.2 | 54.4 | 62.4            | 70.6 | 54.8 | 62.9        | 72.2 | 54.5 |
| 7/10/2012 | 62.6          | 70.8 | 55.5 | 63.2            | 71.4 | 56.0 | 63.7        | 73.0 | 55.7 |
| 7/11/2012 | 63.1          | 71.1 | 56.1 | 63.9            | 71.7 | 56.7 | 64.4        | 73.4 | 56.3 |
| 7/12/2012 | 62.1          | 67.5 | 56.6 | 62.7            | 67.6 | 57.2 | 63.1        | 68.3 | 57.0 |
| 7/13/2012 | 63.2          | 69.3 | 58.9 | 63.9            | 69.3 | 59.4 | 64.5        | 70.3 | 59.4 |
| 7/14/2012 | 62.1          | 70.4 | 55.5 | 62.9            | 70.9 | 56.4 | 63.5        | 72.7 | 56.0 |
| 7/15/2012 | 61.4          | 68.9 | 54.8 | 62.2            | 70.3 | 55.4 | 62.7        | 72.1 | 54.7 |
| 7/16/2012 | 60.2          | 67.8 | 54.1 | 60.7            | 67.5 | 54.8 | 61.0        | 68.7 | 54.1 |
| 7/17/2012 | 60.2          | 67.9 | 54.8 | 60.3            | 67.8 | 54.7 | 60.4        | 69.5 | 53.6 |
| 7/18/2012 | 59.6          | 67.5 | 53.8 | 59.5            | 67.0 | 53.6 | 59.3        | 67.8 | 52.3 |
| 7/19/2012 | 59.4          | 63.7 | 56.8 | 59.2            | 63.9 | 56.3 | 59.0        | 64.5 | 55.8 |
| 7/20/2012 | 62.4          | 70.9 | 55.3 | 62.4            | 70.9 | 55.0 | 62.5        | 72.6 | 54.2 |
| 7/21/2012 | 63.5          | 72.2 | 56.5 | 64.1            | 72.2 | 57.1 | 64.6        | 74.3 | 56.3 |
| 7/22/2012 | 63.2          | 71.0 | 57.5 | 63.7            | 70.6 | 58.1 | 64.0        | 72.2 | 57.3 |
| 7/23/2012 | 63.5          | 70.8 | 58.7 | 64.0            | 70.8 | 59.3 | 64.4        | 72.5 | 58.8 |
| 7/24/2012 | 62.4          | 69.4 | 56.8 | 63.1            | 69.9 | 57.7 | 63.6        | 72.2 | 56.9 |
| 7/25/2012 | 61.7          | 71.1 | 54.5 | 62.1            | 71.1 | 54.7 | 62.2        | 72.6 | 53.5 |
| 7/26/2012 | 62.0          | 70.4 | 55.2 | 62.3            | 70.8 | 55.1 | 62.6        | 72.7 | 54.2 |
| 7/27/2012 | 62.4          | 70.4 | 56.1 | 62.7            | 70.5 | 56.2 | 63.0        | 71.9 | 55.5 |
| 7/28/2012 | 61.9          | 70.2 | 55.3 | 62.2            | 70.5 | 55.0 | 62.4        | 72.3 | 54.0 |
| 7/29/2012 | 62.2          | 70.8 | 55.6 | 62.5            | 71.2 | 55.4 | 62.7        | 73.2 | 54.4 |
| 7/30/2012 | 62.7          | 72.0 | 55.2 | 62.9            | 72.4 | 54.9 | 63.1        | 73.7 | 54.2 |
| 7/31/2012 | 63.2          | 72.6 | 55.8 | 63.4            | 72.6 | 55.7 | 63.7        | 74.3 | 55.1 |
| 8/1/2012  | 63.5          | 72.4 | 56.6 | 63.9            | 73.0 | 56.6 | 64.4        | 74.8 | 56.0 |
| 8/2/2012  | 63.0          | 72.2 | 55.9 | 63.3            | 72.3 | 55.5 | 63.5        | 73.9 | 54.7 |
| 8/3/2012  | 63.0          | 71.0 | 56.1 | 63.4            | 71.4 | 55.9 | 63.7        | 73.0 | 55.1 |
| 8/4/2012  | 63.0          | 69.9 | 58.5 | 63.2            | 68.4 | 58.3 | 63.4        | 69.3 | 57.6 |
| 8/5/2012  | 63.3          | 70.3 | 58.0 | 63.6            | 70.1 | 58.0 | 64.1        | 72.3 | 57.5 |
| 8/6/2012  | 63.0          | 71.4 | 56.4 | 63.2            | 71.3 | 56.2 | 63.4        | 73.0 | 55.4 |
| 8/7/2012  | 63.7          | 71.5 | 57.1 | 64.0            | 71.8 | 57.1 | 64.4        | 73.6 | 56.5 |
| 8/8/2012  | 64.8          | 72.2 | 58.3 | 65.3            | 73.0 | 58.3 | 65.8        | 74.5 | 58.0 |
| 8/9/2012  | 64.9          | 72.5 | 58.7 | 65.2            | 72.4 | 58.8 | 65.7        | 73.7 | 58.4 |
| 8/10/2012 | 64.7          | 71.5 | 58.9 | 65.0            | 71.1 | 59.1 | 65.4        | 72.0 | 58.8 |
| 8/11/2012 | 62.9          | 68.7 | 58.2 | 63.2            | 68.5 | 58.1 | 63.5        | 68.8 | 57.8 |
| 8/12/2012 | 62.2          | 67.3 | 58.5 | 62.4            | 67.3 | 58.1 | 62.6        | 67.9 | 57.5 |
| 8/13/2012 | 63.4          | 68.1 | 60.1 | 63.6            | 68.0 | 60.0 | 64.1        | 69.6 | 60.0 |
| 8/14/2012 | 62.4          | 68.5 | 57.9 | 62.4            | 67.0 | 58.0 | 62.4        | 66.9 | 57.6 |
| 8/15/2012 | 63.0          | 70.6 | 57.9 | 63.3            | 70.2 | 58.1 | 63.7        | 71.0 | 57.9 |
| 8/16/2012 | 62.4          | 68.5 | 57.3 | 62.6            | 68.5 | 57.3 | 62.9        | 69.6 | 56.9 |
| 8/17/2012 | 62.9          | 69.7 | 58.1 | 63.0            | 69.4 | 58.1 | 63.2        | 70.1 | 57.6 |
| 8/18/2012 | 62.3          | 66.2 | 58.7 | 62.5            | 66.6 | 58.7 | 62.8        | 67.8 | 58.4 |
| 8/19/2012 | 62.5          | 68.4 | 58.2 | 62.8            | 68.2 | 58.5 | 63.3        | 69.4 | 58.3 |
| 8/20/2012 | 63.5          | 71.0 | 58.3 | 63.8            | 71.2 | 58.3 | 64.3        | 72.7 | 57.9 |
| 8/21/2012 | 61.8          | 67.1 | 56.5 | 62.2            | 68.4 | 56.5 | 62.4        | 70.4 | 56.0 |
| 8/22/2012 | 63.6          | 69.6 | 58.9 | 63.8            | 69.4 | 59.2 | 64.3        | 71.0 | 59.0 |
| 8/23/2012 | 63.0          | 70.7 | 57.0 | 63.4            | 71.1 | 56.9 | 63.8        | 72.8 | 56.3 |
| 8/24/2012 | 62.9          | 70.6 | 57.2 | 63.2            | 70.4 | 57.0 | 63.6        | 72.3 | 56.4 |
| 8/25/2012 | 63.3          | 70.5 | 57.5 | 63.4            | 70.7 | 57.4 | 63.9        | 72.1 | 57.1 |
| 8/26/2012 | 61.7          | 68.1 | 57.0 | 61.7            | 68.0 | 57.0 | 62.3        | 69.3 | 56.7 |
| 8/27/2012 | 59.5          | 67.7 | 52.7 | 59.2            | 67.5 | 51.9 | 59.2        | 69.2 | 50.9 |
| 8/28/2012 | 60.2          | 67.8 | 54.1 | 59.7            | 67.2 | 53.3 | 59.8        | 68.4 | 52.4 |
| 8/29/2012 | 61.5          | 69.8 | 54.9 | 61.1            | 69.5 | 54.1 | 61.3        | 71.1 | 53.4 |
| 8/30/2012 | 63.4          | 70.7 | 58.1 | 63.1            | 70.6 | 57.4 | 63.5        | 71.7 | 56.9 |
| 8/31/2012 | 62.7          | 69.4 | 58.8 | 62.3            | 69.2 | 58.4 | 62.6        | 70.0 | 58.4 |

FINAL REPORT: Monitoring Results for RY2012

| Date       | Below Narrows |      |      | 10 Channel Fall |      |      | County Road |      |      |
|------------|---------------|------|------|-----------------|------|------|-------------|------|------|
|            | Mean          | Max  | Min  | Mean            | Max  | Min  | Mean        | Max  | Min  |
| 9/1/2012   | 60.3          | 68.3 | 53.6 | 59.7            | 67.8 | 52.5 | 59.6        | 68.7 | 51.7 |
| 9/2/2012   | 60.5          | 68.7 | 54.0 | 60.0            | 68.1 | 53.1 | 60.1        | 69.1 | 52.3 |
| 9/3/2012   | 60.3          | 68.3 | 54.3 | 59.8            | 67.8 | 53.4 | 60.0        | 68.7 | 52.6 |
| 9/4/2012   | 61.0          | 69.5 | 54.7 | 60.5            | 69.6 | 53.5 | 60.6        | 71.5 | 52.5 |
| 9/5/2012   | 62.2          | 67.2 | 57.7 | 61.8            | 66.9 | 57.2 | 62.0        | 67.6 | 56.8 |
| 9/6/2012   | 62.1          | 66.4 | 58.5 | 62.0            | 66.3 | 58.1 | 62.3        | 67.2 | 57.7 |
| 9/7/2012   | 63.0          | 70.9 | 57.0 | 62.7            | 70.0 | 56.5 | 63.0        | 71.1 | 55.9 |
| 9/8/2012   | 63.3          | 70.2 | 57.7 | 63.0            | 69.0 | 57.3 | 63.3        | 69.5 | 56.8 |
| 9/9/2012   | 63.3          | 69.7 | 58.1 | 63.2            | 70.3 | 57.5 | 63.6        | 71.8 | 56.9 |
| 9/10/2012  | 63.0          | 69.4 | 58.2 | 62.9            | 69.6 | 57.8 | 63.3        | 70.3 | 57.5 |
| 9/11/2012  | 61.5          | 68.7 | 56.2 | 61.2            | 68.3 | 55.4 | 61.3        | 69.3 | 54.5 |
| 9/12/2012  | 61.0          | 68.4 | 55.5 | 60.7            | 68.0 | 54.9 | 60.9        | 69.0 | 54.1 |
| 9/13/2012  | 60.3          | 68.4 | 54.1 | 59.6            | 67.5 | 53.1 | 59.7        | 68.2 | 52.2 |
| 9/14/2012  | 60.4          | 68.7 | 54.5 | 59.7            | 68.3 | 53.0 | 59.8        | 69.1 | 52.3 |
| 9/15/2012  | 61.2          | 69.3 | 55.3 | 60.4            | 68.2 | 53.9 | 60.5        | 69.0 | 53.2 |
| 9/16/2012  | 61.1          | 68.4 | 55.6 | 60.5            | 67.5 | 54.5 | 60.7        | 68.4 | 53.7 |
| 9/17/2012  | 60.9          | 68.3 | 55.4 | 60.2            | 67.3 | 54.4 | 60.4        | 68.3 | 53.6 |
| 9/18/2012  | 60.6          | 68.3 | 54.9 | 59.8            | 67.3 | 53.6 | 59.9        | 68.2 | 52.7 |
| 9/19/2012  | 60.8          | 68.4 | 55.1 | 60.1            | 67.4 | 54.0 | 60.3        | 68.3 | 53.1 |
| 9/20/2012  | 60.9          | 68.0 | 55.4 | 60.2            | 66.7 | 54.3 | 60.3        | 67.5 | 53.4 |
| 9/21/2012  | 61.1          | 67.9 | 55.6 | 60.4            | 66.6 | 54.8 | 60.5        | 67.5 | 54.0 |
| 9/22/2012  | 60.9          | 66.3 | 56.6 | 60.3            | 65.7 | 55.7 | 60.5        | 66.6 | 54.8 |
| 9/23/2012  | 60.4          | 66.5 | 55.3 | 59.6            | 65.5 | 54.4 | 59.6        | 66.6 | 53.4 |
| 9/24/2012  | 60.5          | 66.9 | 56.1 | 59.8            | 65.9 | 55.3 | 60.0        | 66.9 | 54.6 |
| 9/25/2012  | 59.2          | 66.4 | 53.9 | 58.2            | 64.8 | 52.8 | 58.2        | 65.8 | 51.5 |
| 9/26/2012  | 59.0          | 66.2 | 53.6 | 58.1            | 64.6 | 52.6 | 58.1        | 65.7 | 51.3 |
| 9/27/2012  | 59.1          | 66.4 | 53.6 | 58.2            | 64.8 | 52.6 | 58.2        | 65.9 | 51.5 |
| 9/28/2012  | 59.1          | 66.1 | 53.9 | 58.2            | 64.2 | 53.0 | 58.2        | 65.4 | 51.8 |
| 9/29/2012  | 59.3          | 66.5 | 53.8 | 58.4            | 65.2 | 52.9 | 58.5        | 66.1 | 51.8 |
| 9/30/2012  | 59.0          | 66.2 | 53.4 | 58.1            | 64.9 | 52.3 | 58.1        | 65.8 | 51.4 |
| 10/1/2012  | 59.0          | 66.3 | 53.3 | 57.9            | 64.7 | 52.2 | 58.0        | 65.8 | 51.1 |
| 10/2/2012  | 59.2          | 66.5 | 53.7 | 58.3            | 64.8 | 52.8 | 58.3        | 65.8 | 51.5 |
| 10/3/2012  | 59.2          | 66.3 | 53.7 | 58.2            | 64.5 | 52.7 | 58.3        | 65.7 | 51.4 |
| 10/4/2012  | 58.9          | 65.9 | 54.1 | 58.4            | 65.2 | 53.3 | 58.1        | 64.8 | 52.2 |
| 10/5/2012  | 57.3          | 63.1 | 52.6 | 56.2            | 62.1 | 50.8 | 56.0        | 61.6 | 50.2 |
| 10/6/2012  | 57.4          | 64.4 | 52.3 | 56.4            | 63.6 | 50.6 | 56.3        | 63.4 | 50.0 |
| 10/7/2012  | 56.7          | 63.6 | 51.5 | 55.6            | 62.5 | 49.7 | 55.3        | 62.0 | 48.9 |
| 10/8/2012  | 55.7          | 61.9 | 51.0 | 54.5            | 60.8 | 49.4 | 54.4        | 60.2 | 48.6 |
| 10/9/2012  | 55.8          | 62.4 | 50.5 | 54.6            | 61.5 | 49.1 | 54.1        | 60.6 | 48.1 |
| 10/10/2012 | 55.9          | 62.4 | 51.5 | 54.8            | 61.5 | 50.2 | 54.7        | 61.3 | 49.6 |
| 10/11/2012 | 53.6          | 58.0 | 50.6 | 52.3            | 56.6 | 48.8 | 51.7        | 56.2 | 47.8 |
| 10/12/2012 | 55.5          | 59.9 | 52.3 | 54.7            | 59.5 | 51.1 | 54.5        | 60.0 | 50.7 |
| 10/13/2012 | 55.5          | 61.4 | 51.4 | 54.6            | 60.7 | 49.9 | 54.4        | 60.7 | 49.2 |
| 10/14/2012 | 55.3          | 62.0 | 50.6 | 54.4            | 61.2 | 49.0 | 54.1        | 61.0 | 48.3 |
| 10/15/2012 | 55.8          | 61.9 | 51.7 | 55.0            | 61.3 | 50.4 | 54.9        | 61.3 | 49.7 |
| 10/16/2012 | 56.2          | 63.3 | 51.5 | 55.4            | 62.8 | 49.8 | 55.3        | 62.7 | 49.1 |
| 10/17/2012 | 55.3          | 61.6 | 50.9 | 54.3            | 60.8 | 49.4 | 54.3        | 60.6 | 48.7 |
| 10/18/2012 | 54.8          | 61.6 | 49.9 | 53.8            | 60.6 | 48.3 | 53.5        | 60.3 | 47.4 |
| 10/19/2012 | 55.3          | 61.9 | 50.9 | 54.4            | 61.1 | 49.5 | 54.3        | 60.9 | 48.8 |
| 10/20/2012 | 54.5          | 60.3 | 50.4 | 53.6            | 59.8 | 48.9 | 53.5        | 59.6 | 48.2 |
| 10/21/2012 | 54.4          | 60.2 | 50.6 | 53.2            | 57.4 | 49.4 | 52.7        | 56.0 | 48.8 |
| 10/22/2012 | 50.4          | 53.6 | 47.9 | 49.5            | 52.3 | 47.2 | 49.2        | 52.8 | 46.5 |
| 10/23/2012 | 48.1          | 53.4 | 44.3 | 46.9            | 52.2 | 43.1 | 46.1        | 51.7 | 41.9 |
| 10/24/2012 | 48.6          | 54.1 | 45.3 | 47.2            | 52.7 | 43.6 | 46.3        | 51.7 | 42.1 |
| 10/25/2012 | 49.6          | 55.6 | 46.0 | 48.5            | 54.4 | 44.8 | 48.0        | 54.2 | 43.9 |
| 10/26/2012 | 49.5          | 55.9 | 44.9 | 48.5            | 54.5 | 43.6 | 48.0        | 54.2 | 42.6 |
| 10/27/2012 | 50.4          | 56.7 | 46.0 | 49.5            | 55.5 | 44.8 | 49.2        | 55.4 | 43.8 |
| 10/28/2012 | 50.4          | 56.5 | 46.1 | 49.7            | 55.4 | 45.2 | 49.5        | 55.4 | 44.4 |
| 10/29/2012 | 50.2          | 56.5 | 46.0 | 49.5            | 55.5 | 44.9 | 49.3        | 55.4 | 44.0 |
| 10/30/2012 | 49.9          | 56.1 | 45.6 | 49.2            | 55.0 | 44.6 | 49.0        | 54.7 | 43.7 |
| 10/31/2012 | 48.2          | 52.4 | 45.3 | 47.4            | 51.1 | 44.3 | 47.0        | 50.7 | 43.4 |

FINAL REPORT: Monitoring Results for RY2012

| Date       | Below Narrows |      |      | 10 Channel Fall |      |      | County Road |      |      |
|------------|---------------|------|------|-----------------|------|------|-------------|------|------|
|            | Mean          | Max  | Min  | Mean            | Max  | Min  | Mean        | Max  | Min  |
| 11/1/2012  | 48.7          | 51.9 | 46.3 | 48.1            | 51.5 | 45.5 | 47.6        | 51.3 | 44.7 |
| 11/2/2012  | 48.6          | 54.1 | 44.5 | 47.8            | 52.9 | 43.6 | 47.5        | 52.7 | 42.7 |
| 11/3/2012  | 48.0          | 54.0 | 44.0 | 47.3            | 52.7 | 43.2 | 47.1        | 52.6 | 42.2 |
| 11/4/2012  | 47.9          | 54.0 | 43.8 | 47.1            | 52.8 | 42.9 | 46.8        | 52.7 | 41.8 |
| 11/5/2012  | 48.3          | 54.5 | 44.1 | 47.5            | 53.2 | 43.1 | 47.1        | 53.2 | 42.0 |
| 11/6/2012  | 48.2          | 54.3 | 43.9 | 47.6            | 53.0 | 43.1 | 47.3        | 52.9 | 42.1 |
| 11/7/2012  | 48.5          | 54.4 | 44.6 | 47.9            | 53.0 | 43.8 | 47.6        | 52.9 | 42.8 |
| 11/8/2012  | 45.3          | 47.0 | 42.7 | 45.0            | 46.8 | 42.2 | 44.8        | 48.0 | 42.0 |
| 11/9/2012  | 43.0          | 46.2 | 41.0 | 42.1            | 45.2 | 40.0 | 41.3        | 44.3 | 38.9 |
| 11/10/2012 | 41.8          | 45.1 | 39.8 | 40.6            | 44.6 | 38.3 | 39.6        | 44.4 | 36.5 |
| 11/11/2012 | 41.7          | 46.8 | 38.2 | 40.2            | 45.4 | 36.3 | 39.0        | 45.0 | 34.2 |
| 11/12/2012 | 43.2          | 47.9 | 40.1 | 42.1            | 47.5 | 38.3 | 41.3        | 47.6 | 36.7 |
| 11/13/2012 | 43.2          | 47.5 | 39.9 | 42.4            | 46.9 | 38.6 | 41.8        | 47.3 | 37.1 |
| 11/14/2012 | 43.5          | 48.5 | 40.3 | 42.9            | 47.3 | 39.0 | 42.4        | 47.7 | 37.7 |
| 11/15/2012 | 43.8          | 48.4 | 40.6 | 43.1            | 46.9 | 39.3 | 42.5        | 46.7 | 38.1 |
| 11/16/2012 | 44.8          | 48.0 | 42.3 | 44.2            | 47.0 | 41.8 | 43.9        | 47.2 | 40.9 |
| 11/17/2012 | 45.2          | 49.1 | 43.2 | 44.8            | 47.9 | 42.8 | 44.6        | 47.5 | 42.2 |
| 11/18/2012 | 43.9          | 47.7 | 41.1 | 44.0            | 47.6 | 41.5 | 43.9        | 47.9 | 41.0 |
| 11/19/2012 | 43.5          | 47.6 | 40.8 | 43.2            | 46.3 | 40.7 | 42.7        | 46.1 | 39.8 |
| 11/20/2012 | 43.8          | 50.0 | 40.3 | 43.3            | 47.5 | 39.9 | 42.8        | 46.7 | 38.9 |
| 11/21/2012 | 44.4          | 48.3 | 42.5 | 44.5            | 47.7 | 42.8 | 44.4        | 47.8 | 42.2 |
| 11/22/2012 | 42.6          | 47.8 | 39.3 | 42.3            | 46.4 | 38.8 | 41.7        | 46.2 | 37.4 |
| 11/23/2012 | 42.4          | 47.7 | 39.3 | 41.9            | 46.1 | 38.5 | 41.2        | 45.9 | 36.9 |
| 11/24/2012 | 42.3          | 47.4 | 39.3 | 41.8            | 45.7 | 38.5 | 41.2        | 45.7 | 36.9 |
| 11/25/2012 | 42.0          | 47.0 | 39.2 | 41.5            | 45.4 | 38.3 | 40.9        | 45.4 | 36.7 |
| 11/26/2012 | 40.9          | 45.2 | 38.1 | 40.5            | 43.8 | 37.3 | 39.8        | 44.5 | 35.5 |
| 11/27/2012 | 40.9          | 43.5 | 38.7 | 40.3            | 42.5 | 37.8 | 39.5        | 42.7 | 36.3 |
| 11/28/2012 | 40.9          | 42.7 | 39.7 | 40.8            | 42.3 | 39.4 | 40.2        | 42.2 | 38.3 |
| 11/29/2012 | 41.8          | 46.0 | 39.9 | 41.9            | 45.3 | 39.9 | 41.6        | 45.6 | 39.2 |
| 11/30/2012 | 40.0          | 41.8 | 38.9 | 40.5            | 41.7 | 39.4 | 40.1        | 41.5 | 38.7 |
| 12/1/2012  | 41.1          | 47.5 | 37.8 | 41.2            | 45.8 | 38.4 | 40.6        | 45.8 | 37.5 |
| 12/2/2012  | 40.8          | 41.3 | 39.3 | 41.5            | 42.5 | 40.0 | 41.4        | 43.1 | 39.7 |
| 12/3/2012  | 40.2          | 44.3 | 37.7 | 40.6            | 43.8 | 38.3 | 40.1        | 43.9 | 37.3 |
| 12/4/2012  | 41.7          | 45.6 | 39.5 | 41.8            | 44.8 | 40.0 | 41.5        | 44.8 | 39.2 |
| 12/5/2012  | 42.1          | 44.2 | 40.9 | 42.8            | 44.4 | 41.6 | 42.7        | 44.8 | 41.5 |
| 12/6/2012  | 41.4          | 44.3 | 38.8 | 41.9            | 44.3 | 40.0 | 41.7        | 44.4 | 40.1 |
| 12/7/2012  | 39.2          | 43.6 | 36.7 | 39.5            | 42.9 | 36.9 | 38.8        | 42.7 | 35.4 |
| 12/8/2012  | 38.6          | 42.1 | 36.5 | 38.6            | 41.5 | 36.1 | 37.8        | 41.9 | 34.5 |
| 12/9/2012  | 38.7          | 42.5 | 36.7 | 38.8            | 41.6 | 36.5 | 38.1        | 42.2 | 35.0 |
| 12/10/2012 | 38.4          | 42.3 | 36.2 | 38.4            | 41.5 | 36.0 | 37.8        | 42.2 | 34.4 |
| 12/11/2012 | 38.4          | 42.5 | 36.2 | 38.4            | 42.1 | 35.9 | 37.7        | 42.8 | 34.3 |
| 12/12/2012 | 37.9          | 39.9 | 36.8 | 38.3            | 40.0 | 37.2 | 37.7        | 39.9 | 36.2 |
| 12/13/2012 | 37.0          | 39.3 | 34.9 | 37.1            | 39.1 | 35.1 | 36.2        | 39.0 | 33.7 |
| 12/14/2012 | 36.5          | 39.2 | 34.5 | 36.4            | 38.8 | 34.5 | 35.5        | 38.5 | 33.0 |
| 12/15/2012 | 36.4          | 39.1 | 33.7 | 36.2            | 38.2 | 33.7 | 35.2        | 37.9 | 32.1 |
| 12/16/2012 | 36.7          | 39.4 | 34.5 | 36.6            | 39.0 | 34.4 | 35.8        | 38.8 | 33.0 |
| 12/17/2012 | 37.5          | 39.2 | 36.2 | 37.8            | 39.3 | 36.5 | 37.4        | 39.2 | 35.6 |
| 12/18/2012 | 36.7          | 38.8 | 34.0 | 37.1            | 38.8 | 34.3 | 36.6        | 38.7 | 33.3 |
| 12/19/2012 | 34.0          | 38.0 | 32.0 | 33.7            | 35.8 | 32.9 | 32.4        | 33.9 | 32.1 |
| 12/20/2012 | 34.2          | 38.7 | 32.0 | 33.8            | 36.4 | 32.7 | 32.7        | 35.2 | 32.1 |
| 12/21/2012 | 34.7          | 36.8 | 33.4 | 34.8            | 36.7 | 33.4 | 34.0        | 36.3 | 32.2 |
| 12/22/2012 | 33.9          | 34.8 | 32.5 | 34.1            | 34.8 | 33.1 | 33.3        | 34.1 | 32.1 |
| 12/23/2012 | 33.7          | 36.5 | 32.0 | 34.1            | 36.3 | 32.9 | 33.4        | 36.1 | 32.1 |
| 12/24/2012 | 33.2          | 36.4 | 32.0 | 33.4            | 35.3 | 32.8 | 32.5        | 34.2 | 32.1 |
| 12/25/2012 | 33.4          | 36.1 | 32.0 | 33.6            | 35.3 | 32.7 | 32.7        | 34.6 | 32.1 |
| 12/26/2012 | 33.4          | 35.7 | 32.0 | 34.0            | 36.0 | 32.9 | 33.4        | 36.0 | 32.1 |
| 12/27/2012 | 32.3          | 33.8 | 32.0 | 32.8            | 32.9 | 32.6 | 32.2        | 32.2 | 32.1 |
| 12/28/2012 | 32.3          | 33.9 | 32.0 | 32.8            | 33.0 | 32.6 | 32.1        | 32.2 | 32.0 |
| 12/29/2012 | 32.9          | 35.8 | 32.0 | 33.0            | 33.7 | 32.7 | 32.1        | 32.1 | 32.0 |
| 12/30/2012 | 33.2          | 36.5 | 32.0 | 33.3            | 35.1 | 32.7 | 32.3        | 33.8 | 32.0 |
| 12/31/2012 | 32.1          | 32.8 | 32.0 | 32.7            | 33.1 | 32.6 | 32.1        | 32.5 | 32.1 |



FINAL REPORT: Monitoring Results for RY2012

| Date      | Below Narrows |      |      | 10 Channel Fall |      |      | County Road |      |      |
|-----------|---------------|------|------|-----------------|------|------|-------------|------|------|
|           | Mean          | Max  | Min  | Mean            | Max  | Min  | Mean        | Max  | Min  |
| 1/1/2013  | 32.7          | 35.6 | 32.0 | 32.7            | 32.9 | 32.6 | 32.1        | 32.1 | 32.0 |
| 1/2/2013  | 32.1          | 32.7 | 32.0 | 32.7            | 32.9 | 32.6 | 32.1        | 32.2 | 32.0 |
| 1/3/2013  | 32.5          | 35.0 | 32.0 | 32.8            | 33.0 | 32.7 | 32.1        | 32.2 | 32.0 |
| 1/4/2013  | 32.9          | 35.5 | 32.0 | 32.9            | 33.5 | 32.7 | 32.1        | 32.2 | 32.0 |
| 1/5/2013  | 33.2          | 36.1 | 32.0 | 33.3            | 34.5 | 32.7 | 32.1        | 32.3 | 32.0 |
| 1/6/2013  | 33.3          | 35.0 | 32.0 | 33.3            | 34.4 | 32.7 | 32.3        | 33.1 | 32.1 |
| 1/7/2013  | 33.0          | 35.7 | 32.0 | 33.2            | 34.4 | 32.6 | 32.3        | 33.7 | 32.0 |
| 1/8/2013  | 34.4          | 37.1 | 32.8 | 34.6            | 36.5 | 33.1 | 33.9        | 36.1 | 32.3 |
| 1/9/2013  | 34.1          | 36.8 | 32.3 | 34.5            | 36.3 | 32.8 | 33.9        | 36.0 | 32.1 |
| 1/10/2013 | 33.0          | 35.5 | 32.0 | 33.5            | 35.0 | 32.8 | 32.7        | 35.1 | 32.1 |
| 1/11/2013 | 32.0          | 32.1 | 32.0 | 32.7            | 32.8 | 32.6 | 32.1        | 32.1 | 32.1 |
| 1/12/2013 | 32.1          | 33.0 | 32.0 | 32.6            | 32.7 | 32.5 | 32.1        | 32.1 | 32.0 |
| 1/13/2013 | 32.0          | 32.1 | 32.0 | 32.6            | 32.8 | 32.5 | 32.1        | 32.2 | 32.0 |
| 1/14/2013 | 32.0          | 32.1 | 32.0 | 32.7            | 32.8 | 32.6 | 32.1        | 32.1 | 32.0 |
| 1/15/2013 | 32.2          | 33.6 | 32.0 | 32.7            | 32.8 | 32.6 | 32.1        | 32.2 | 32.0 |
| 1/16/2013 | 33.3          | 36.7 | 32.0 | 32.6            | 32.8 | 32.5 | 32.1        | 32.2 | 32.0 |
| 1/17/2013 | 32.6          | 35.7 | 32.0 | 32.6            | 32.8 | 32.5 | 32.1        | 32.2 | 32.0 |
| 1/18/2013 | 32.6          | 35.6 | 32.0 | 32.6            | 32.7 | 32.5 | 32.1        | 32.1 | 32.0 |
| 1/19/2013 | 32.7          | 35.6 | 32.0 | 32.6            | 32.6 | 32.5 | 32.1        | 32.1 | 32.0 |
| 1/20/2013 | 32.6          | 35.4 | 32.0 | 32.6            | 32.6 | 32.5 | 32.1        | 32.1 | 32.0 |
| 1/21/2013 | 32.9          | 36.1 | 32.0 | 32.6            | 32.8 | 32.5 | 32.1        | 32.1 | 32.0 |
| 1/22/2013 | 33.2          | 36.6 | 32.0 | 32.9            | 33.7 | 32.5 | 32.1        | 32.1 | 32.0 |
| 1/23/2013 | 34.5          | 37.8 | 32.3 | 34.0            | 36.0 | 32.6 | 32.1        | 32.1 | 32.0 |
| 1/24/2013 | 36.4          | 38.3 | 35.3 | 36.5            | 38.1 | 35.3 | 35.7        | 38.0 | 32.3 |
| 1/25/2013 | 36.9          | 40.1 | 35.6 | 37.3            | 39.4 | 36.0 | 37.1        | 39.5 | 35.6 |
| 1/26/2013 | 36.6          | 40.0 | 34.6 | 37.2            | 39.7 | 35.9 | 37.1        | 40.0 | 35.5 |
| 1/27/2013 | 34.5          | 38.2 | 32.4 | 35.2            | 37.6 | 33.6 | 34.7        | 37.4 | 32.3 |
| 1/28/2013 | 33.5          | 37.6 | 32.0 | 33.9            | 36.3 | 32.9 | 33.1        | 35.2 | 32.2 |
| 1/29/2013 | 35.6          | 40.2 | 32.2 | 36.1            | 40.2 | 33.0 | 35.7        | 41.0 | 32.2 |
| 1/30/2013 | 35.9          | 40.9 | 32.9 | 36.3            | 40.1 | 33.5 | 35.9        | 40.1 | 32.5 |
| 1/31/2013 | 35.6          | 41.0 | 32.6 | 36.0            | 40.0 | 33.2 | 35.6        | 39.8 | 32.4 |
| 2/1/2013  | 35.3          | 40.7 | 32.0 | 35.6            | 39.6 | 33.2 | 35.1        | 39.3 | 32.5 |
| 2/2/2013  | 35.7          | 38.8 | 33.5 | 36.0            | 38.5 | 33.8 | 35.4        | 38.0 | 32.8 |
| 2/3/2013  | 36.8          | 41.7 | 33.5 | 37.2            | 40.8 | 34.3 | 36.9        | 40.8 | 33.5 |
| 2/4/2013  | 36.3          | 41.9 | 32.9 | 36.6            | 40.8 | 33.4 | 36.4        | 41.1 | 32.4 |
| 2/5/2013  | 36.9          | 42.3 | 34.2 | 37.3            | 41.5 | 34.6 | 37.1        | 42.0 | 33.5 |
| 2/6/2013  | 35.7          | 41.4 | 32.0 | 36.0            | 40.2 | 33.3 | 35.6        | 40.0 | 32.5 |
| 2/7/2013  | 34.8          | 38.9 | 32.9 | 35.1            | 38.6 | 33.1 | 34.6        | 38.5 | 32.4 |
| 2/8/2013  | 34.9          | 38.2 | 32.6 | 34.9            | 37.7 | 33.0 | 34.0        | 37.0 | 32.3 |
| 2/9/2013  | 35.0          | 40.3 | 32.0 | 35.1            | 39.3 | 33.0 | 34.7        | 39.6 | 32.2 |
| 2/10/2013 | 34.6          | 40.3 | 32.0 | 34.4            | 38.1 | 32.8 | 33.6        | 37.3 | 32.2 |
| 2/11/2013 | 35.1          | 40.4 | 32.0 | 34.9            | 38.9 | 32.8 | 34.4        | 39.0 | 32.3 |
| 2/12/2013 | 35.6          | 41.5 | 32.0 | 35.4            | 39.9 | 32.8 | 35.0        | 40.4 | 32.4 |
| 2/13/2013 | 36.5          | 42.5 | 32.7 | 36.4            | 41.1 | 32.9 | 36.1        | 42.1 | 32.3 |
| 2/14/2013 | 37.0          | 43.0 | 33.2 | 37.1            | 41.8 | 33.4 | 37.0        | 42.8 | 32.4 |
| 2/15/2013 | 37.1          | 43.1 | 33.1 | 37.1            | 42.0 | 33.3 | 37.0        | 42.8 | 32.4 |
| 2/16/2013 | 37.0          | 42.5 | 33.4 | 37.0            | 40.8 | 33.6 | 36.6        | 40.8 | 32.4 |
| 2/17/2013 | 37.4          | 43.6 | 33.4 | 37.4            | 42.2 | 33.4 | 37.3        | 43.0 | 32.5 |
| 2/18/2013 | 37.4          | 43.9 | 33.3 | 37.4            | 42.3 | 33.4 | 37.3        | 43.3 | 32.5 |
| 2/19/2013 | 36.4          | 41.2 | 34.0 | 36.6            | 40.3 | 34.3 | 36.5        | 40.8 | 33.3 |
| 2/20/2013 | 36.2          | 41.4 | 33.5 | 36.2            | 40.1 | 33.6 | 35.7        | 40.7 | 32.4 |
| 2/21/2013 | 36.1          | 41.8 | 32.5 | 35.9            | 40.6 | 33.0 | 35.6        | 41.6 | 32.3 |
| 2/22/2013 | 36.9          | 42.9 | 32.8 | 36.6            | 41.9 | 33.0 | 36.3        | 43.1 | 32.3 |
| 2/23/2013 | 37.0          | 41.6 | 34.2 | 37.1            | 40.6 | 34.9 | 37.0        | 40.8 | 34.0 |
| 2/24/2013 | 36.3          | 42.6 | 32.0 | 35.8            | 41.2 | 32.8 | 35.5        | 41.8 | 32.4 |
| 2/25/2013 | 37.1          | 43.2 | 33.0 | 36.9            | 42.6 | 32.9 | 36.8        | 44.3 | 32.4 |
| 2/26/2013 | 37.3          | 43.7 | 33.2 | 37.1            | 42.4 | 33.0 | 37.0        | 43.9 | 32.4 |
| 2/27/2013 | 34.2          | 36.2 | 33.1 | 34.0            | 36.1 | 32.9 | 33.5        | 36.8 | 32.4 |
| 2/28/2013 |               |      |      |                 |      |      |             |      |      |