

Water-Data Report 2013

**13056500 HENRYS FORK NEAR REXBURG, ID**

Upper Snake Basin  
Lower Henrys Subbasin

LOCATION.--Lat 43°49'33", long 111°54'18" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.30, T.6 N., R.39 E., Madison County, ID, Hydrologic Unit 17040203, Menan Buttes quad., on right bank 200 ft downstream from highway bridge, 6 mi west of Rexburg, and at mile 9.2.

DRAINAGE AREA.--2,920 mi<sup>2</sup>, approximately.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 1909 to current year. Monthly discharge only for some periods, published in WSP 1317. Prior to 1911, published as "North Fork of Snake River near Rexburg".

REVISED RECORDS.--WSP 1217: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 4,806.35 ft above NGVD of 1929. Apr. 13, 1909 to Sept. 28, 1912, non recording gage at datum 0.67 ft higher. Sept. 29, 1912 to Apr. 4, 1913, non recording gage at present datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. Flow regulated by operation of power plant near Ashton, Henrys Lake (see station 13039000), Island Park Reservoir, and Grassy Lake. Diversions above station for irrigation of about 204,000 acres above and about 5,000 acres below station, of which about 21,000 acres are irrigated by withdrawals from ground water (1966 determination). Considerable water leaks above station into the Snake River Plain aquifer. Station is downstream from all tributaries except inflow from ground water and irrigation waste.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 79,000 ft<sup>3</sup>/s June 5, 1976; maximum gage height, 22.36 ft, June 5, 1976, result of Teton Dam failure.

Maximum discharge excluding 1976, 16,400 ft<sup>3</sup>/s May 17, 1984, gage height, 12.05 ft, from high-water mark in gage well; minimum, 183 ft<sup>3</sup>/s Mar. 24-28, 1934, gage height, 1.45 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,260 ft<sup>3</sup>/s May 20, gage height, 7.44 ft; minimum, 571 ft<sup>3</sup>/s Aug. 19, gage height, 2.72 feet.

## 13056500 HENRYS FORK NEAR REXBURG, ID—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**  
[e, estimated]

| Day          | Oct    | Nov     | Dec     | Jan     | Feb     | Mar     | Apr     | May     | Jun    | Jul    | Aug    | Sep    |
|--------------|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 1            | 1,140  | 1,680   | 1,860   | e1,600  | e2,120  | e1,900  | 2,130   | 2,080   | 2,550  | 953    | 1,850  | 1,220  |
| 2            | 1,150  | 1,720   | 2,100   | e1,600  | e2,100  | 1,930   | 2,140   | 1,890   | 2,160  | 745    | 1,670  | 1,300  |
| 3            | 1,140  | 1,740   | 2,210   | e1,600  | e2,000  | 1,930   | 2,130   | 1,720   | 1,990  | 738    | 1,510  | 1,430  |
| 4            | 1,160  | 1,720   | 2,300   | e1,600  | e2,050  | 1,940   | 2,130   | 1,780   | 1,880  | 698    | 1,320  | 1,460  |
| 5            | 1,210  | 1,700   | 2,200   | e1,750  | e2,000  | 1,850   | 2,160   | 1,890   | 1,740  | 774    | 1,220  | 1,570  |
| 6            | 1,280  | 1,670   | 2,460   | e1,900  | e2,000  | 1,830   | 2,350   | 2,140   | 1,520  | 815    | 1,070  | 1,540  |
| 7            | 1,340  | 1,660   | 2,460   | e1,900  | e2,000  | 1,890   | 2,430   | 2,360   | 1,420  | 885    | 968    | 1,540  |
| 8            | 1,420  | 1,650   | 2,170   | e1,920  | e2,000  | 1,890   | 2,340   | 2,510   | 1,390  | 947    | 858    | 1,580  |
| 9            | 1,520  | e1,680  | e1,800  | e1,950  | e2,000  | 1,840   | 2,210   | 2,600   | 1,600  | 845    | 828    | 1,620  |
| 10           | 1,520  | e1,680  | e1,900  | e1,950  | e1,950  | 1,840   | 2,060   | 2,660   | 1,860  | 728    | 837    | 1,610  |
| 11           | 1,530  | e1,600  | e1,950  | e1,900  | e2,000  | 1,830   | 2,030   | 2,590   | 2,140  | 630    | 811    | 1,570  |
| 12           | 1,420  | e1,650  | e2,040  | e1,700  | e1,850  | 1,840   | 1,980   | 2,660   | 2,350  | 666    | 823    | 1,560  |
| 13           | 1,250  | 1,720   | 1,990   | e1,500  | e1,900  | 1,820   | 1,990   | 2,730   | 2,420  | 817    | 813    | 1,560  |
| 14           | 1,220  | 1,730   | 1,910   | e1,450  | e2,000  | 1,840   | 2,160   | 3,000   | 2,270  | 965    | 807    | 1,490  |
| 15           | 1,280  | 1,750   | 1,870   | e1,750  | e2,000  | 1,930   | 2,060   | 3,360   | 2,140  | 1,020  | 801    | 1,570  |
| 16           | 1,310  | 1,720   | 1,840   | e1,800  | e2,000  | 1,990   | 1,930   | 3,520   | 1,850  | 978    | 750    | 1,580  |
| 17           | 1,440  | 1,710   | 1,940   | e1,900  | e2,000  | 2,060   | 1,840   | 3,450   | 1,630  | 1,060  | 707    | 1,580  |
| 18           | 1,450  | 1,760   | 1,920   | e1,950  | e2,000  | 2,090   | 1,750   | 3,520   | 1,370  | 1,080  | 699    | 1,770  |
| 19           | 1,360  | 1,810   | e1,830  | e2,050  | e1,950  | 1,960   | 1,720   | 3,880   | 1,260  | 1,020  | 693    | 1,820  |
| 20           | 1,360  | 1,800   | e1,700  | e2,100  | e1,900  | 1,950   | 1,750   | 4,190   | 1,340  | 968    | 700    | 1,780  |
| 21           | 1,340  | 1,800   | e1,750  | e2,200  | e2,000  | 2,040   | 1,800   | 3,940   | 1,300  | 969    | 844    | 1,670  |
| 22           | 1,370  | 1,780   | e1,750  | e2,250  | e1,950  | 2,050   | 1,820   | 3,610   | 1,230  | 983    | 890    | 1,470  |
| 23           | 1,520  | 1,740   | e1,850  | e2,350  | e1,950  | 1,970   | 1,750   | 3,300   | 1,220  | 939    | 945    | 1,310  |
| 24           | 1,570  | 1,660   | e1,850  | e2,400  | e2,000  | 1,900   | 1,620   | 3,190   | 1,160  | 964    | 1,080  | 1,160  |
| 25           | 1,570  | e1,710  | e1,850  | e2,550  | e1,900  | 1,840   | 1,610   | 2,990   | 1,110  | 1,000  | 1,150  | 1,120  |
| 26           | 1,580  | e1,650  | e1,800  | e2,500  | e2,000  | 1,780   | 1,600   | 2,730   | 1,230  | 1,110  | 1,190  | 1,180  |
| 27           | 1,590  | e1,700  | e1,800  | e2,400  | e1,950  | 1,800   | 1,660   | 2,550   | 1,320  | 1,340  | 1,270  | 1,230  |
| 28           | 1,620  | e1,650  | e1,800  | e2,350  | e2,000  | 1,730   | 1,760   | 2,340   | 1,350  | 1,490  | 1,240  | 1,210  |
| 29           | 1,700  | 1,670   | e1,700  | e2,250  | ---     | 1,740   | 2,040   | 2,330   | 1,220  | 1,690  | 1,260  | 1,230  |
| 30           | 1,790  | 1,730   | e1,650  | e2,200  | ---     | 1,920   | 2,150   | 2,600   | 1,120  | 1,800  | 1,320  | 1,250  |
| 31           | 1,740  | ---     | e1,650  | e2,150  | ---     | 2,090   | ---     | 2,800   | ---    | 1,900  | 1,320  | ---    |
| <b>Total</b> | 43,890 | 51,240  | 59,900  | 61,470  | 55,570  | 59,010  | 59,100  | 86,910  | 49,140 | 31,517 | 32,244 | 43,980 |
| <b>Mean</b>  | 1,416  | 1,708   | 1,932   | 1,983   | 1,985   | 1,904   | 1,970   | 2,804   | 1,638  | 1,017  | 1,040  | 1,466  |
| <b>Max</b>   | 1,790  | 1,810   | 2,460   | 2,550   | 2,120   | 2,090   | 2,430   | 4,190   | 2,550  | 1,900  | 1,850  | 1,820  |
| <b>Min</b>   | 1,140  | 1,600   | 1,650   | 1,450   | 1,850   | 1,730   | 1,600   | 1,720   | 1,110  | 630    | 693    | 1,120  |
| <b>Ac-ft</b> | 87,060 | 101,600 | 118,800 | 121,900 | 110,200 | 117,000 | 117,200 | 172,400 | 97,470 | 62,510 | 63,960 | 87,230 |

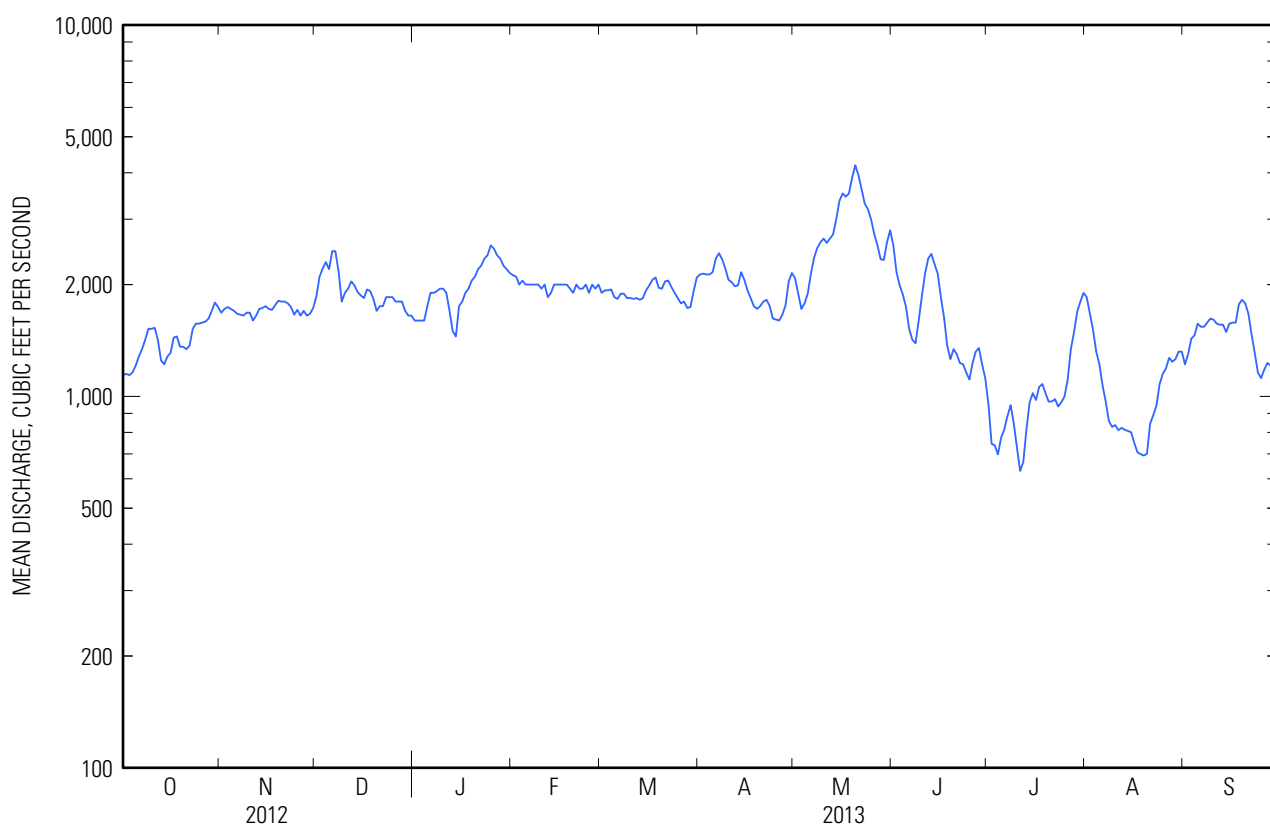
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1909 - 2013, BY WATER YEAR (WY)

|             | Oct    | Nov    | Dec    | Jan    | Feb    | Mar    | Apr    | May    | Jun    | Jul    | Aug    | Sep    |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Mean</b> | 1,702  | 1,884  | 1,772  | 1,718  | 1,766  | 1,777  | 2,268  | 4,057  | 3,928  | 1,647  | 1,302  | 1,498  |
| <b>Max</b>  | 3,071  | 3,282  | 2,663  | 2,972  | 2,701  | 2,805  | 4,847  | 10,600 | 10,220 | 5,133  | 3,986  | 2,896  |
| <b>(WY)</b> | (1972) | (1972) | (1984) | (1997) | (1984) | (1997) | (1986) | (1997) | (1997) | (1984) | (1984) | (1971) |
| <b>Min</b>  | 377    | 440    | 1,073  | 1,100  | 1,064  | 340    | 388    | 390    | 434    | 358    | 446    | 561    |
| <b>(WY)</b> | (1932) | (1935) | (1935) | (1935) | (1934) | (1934) | (1934) | (1934) | (1931) | (1931) | (1933) | (1931) |

## 13056500 HENRYS FORK NEAR REXBURG, ID—Continued

## SUMMARY STATISTICS

|                                 | Calendar Year 2012 |        | Water Year 2013 |        | Water Years 1909 - 2013 |              |
|---------------------------------|--------------------|--------|-----------------|--------|-------------------------|--------------|
| <b>Annual total</b>             | 780,275            |        | 633,971         |        |                         |              |
| <b>Annual mean</b>              | 2,132              |        | 1,737           |        | 2,105                   |              |
| <b>Highest annual mean</b>      |                    |        |                 |        | 4,134                   |              |
| <b>Lowest annual mean</b>       |                    |        |                 |        | 829                     |              |
| <b>Highest daily mean</b>       | 7,640              | Apr 28 | 4,190           | May 20 | 79,000                  | Jun 5, 1976  |
| <b>Lowest daily mean</b>        | 713                | Jul 11 | 630             | Jul 11 | 183                     | Mar 24, 1934 |
| <b>Annual seven-day minimum</b> | 789                | Jul 8  | 737             | Aug 14 | 190                     | Mar 22, 1934 |
| <b>Annual runoff (ac-ft)</b>    | 1,548,000          |        | 1,257,000       |        | 1,525,000               |              |
| <b>10 percent exceeds</b>       | 3,420              |        | 2,340           |        | 3,630                   |              |
| <b>50 percent exceeds</b>       | 2,080              |        | 1,750           |        | 1,720                   |              |
| <b>90 percent exceeds</b>       | 1,080              |        | 981             |        | 944                     |              |



**13056500 HENRYS FORK NEAR REXBURG, ID—Continued****WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1965-82, July to September 1998, April to September 2000, April to November 2002, July to September 2003, October 2004 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Water years 1957, 1959-64, June to September 1995, June to September 1996, May to September 1998, April to September 2000, April to November 2002, June to September 2003, October 2004 to current year.

INSTRUMENTATION.--Temperature recorder.

REMARKS.--Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the average for the river by temperature cross section on Aug. 9 and Oct. 24, 2013. A maximum variation of 0.3°C was found within the cross sections.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.0°C July 5, 2007; minimum, 0.0 on many days several years.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.5 °C, July 18; minimum, 0.0 °C on many days during winter months.

**TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

| Day     | Max  | Min  | Mean     | Max | Min | Mean     | Max | Min | Mean    | Max | Min | Mean |
|---------|------|------|----------|-----|-----|----------|-----|-----|---------|-----|-----|------|
| October |      |      | November |     |     | December |     |     | January |     |     |      |
| 1       | 15.5 | 13.5 | 14.5     | 8.0 | 7.1 | 7.7      | 5.1 | 4.1 | 4.5     | 0.2 | 0.0 | 0.0  |
| 2       | 14.8 | 13.0 | 13.9     | 7.3 | 6.0 | 6.7      | 5.2 | 4.8 | 5.0     | 0.1 | 0.0 | 0.0  |
| 3       | 13.4 | 11.2 | 12.5     | 7.2 | 6.0 | 6.6      | 4.8 | 3.6 | 4.0     | 0.1 | 0.0 | 0.0  |
| 4       | 11.2 | 9.6  | 10.4     | 7.7 | 6.5 | 7.0      | 3.6 | 3.4 | 3.5     | 0.1 | 0.0 | 0.0  |
| 5       | 10.1 | 8.3  | 9.2      | 7.4 | 6.3 | 6.9      | 4.8 | 3.6 | 4.3     | 0.1 | 0.0 | 0.0  |
| 6       | 9.0  | 7.2  | 8.2      | 7.9 | 6.5 | 7.1      | 4.5 | 3.8 | 4.1     | 0.1 | 0.0 | 0.0  |
| 7       | 8.9  | 6.9  | 7.9      | 8.0 | 6.7 | 7.4      | 3.8 | 2.4 | 3.0     | 0.1 | 0.0 | 0.0  |
| 8       | 8.7  | 7.0  | 7.9      | 8.2 | 7.5 | 7.8      | 2.4 | 0.9 | 1.6     | 0.1 | 0.0 | 0.0  |
| 9       | 9.0  | 7.1  | 8.1      | 7.7 | 5.2 | 6.4      | 0.9 | 0.0 | 0.3     | 0.2 | 0.0 | 0.1  |
| 10      | 9.8  | 7.9  | 8.8      | 5.2 | 3.2 | 4.3      | 0.4 | 0.0 | 0.1     | 0.1 | 0.0 | 0.0  |
| 11      | 11.0 | 8.9  | 9.9      | 3.2 | 1.2 | 2.2      | 0.1 | 0.0 | 0.1     | 0.1 | 0.0 | 0.0  |
| 12      | 11.5 | 9.5  | 10.5     | 1.8 | 0.6 | 1.3      | 0.9 | 0.0 | 0.4     | 0.2 | 0.0 | 0.0  |
| 13      | 11.4 | 10.4 | 10.8     | 2.7 | 1.6 | 2.1      | 1.3 | 0.4 | 0.9     | 0.1 | 0.0 | 0.0  |
| 14      | 11.7 | 9.8  | 10.7     | 3.2 | 2.6 | 2.9      | 2.4 | 1.3 | 1.9     | 0.1 | 0.0 | 0.0  |
| 15      | 11.3 | 10.2 | 10.7     | 4.5 | 3.2 | 3.7      | 2.3 | 1.0 | 1.9     | 0.1 | 0.0 | 0.0  |
| 16      | 11.4 | 9.9  | 10.6     | 3.8 | 3.1 | 3.5      | 1.3 | 0.6 | 0.9     | 0.1 | 0.0 | 0.0  |
| 17      | 9.9  | 7.7  | 8.4      | 5.1 | 3.7 | 4.4      | 2.1 | 0.7 | 1.4     | 0.1 | 0.0 | 0.0  |
| 18      | 8.2  | 6.5  | 7.4      | 5.8 | 5.1 | 5.5      | 1.5 | 0.0 | 0.5     | 0.1 | 0.0 | 0.0  |
| 19      | 7.2  | 6.5  | 6.9      | 5.9 | 5.2 | 5.6      | 0.1 | 0.0 | 0.0     | 0.1 | 0.0 | 0.0  |
| 20      | 8.9  | 6.9  | 7.7      | 6.2 | 5.9 | 6.1      | 0.1 | 0.0 | 0.0     | 0.1 | 0.0 | 0.0  |
| 21      | 8.8  | 7.9  | 8.4      | 6.4 | 5.7 | 6.0      | 0.3 | 0.0 | 0.1     | 0.1 | 0.0 | 0.0  |
| 22      | 8.4  | 7.5  | 8.1      | 5.7 | 3.8 | 4.7      | 0.1 | 0.0 | 0.0     | 0.1 | 0.0 | 0.0  |
| 23      | 7.5  | 6.3  | 7.0      | 3.8 | 2.7 | 3.2      | 0.3 | 0.0 | 0.1     | 0.1 | 0.0 | 0.1  |
| 24      | 6.3  | 4.9  | 5.7      | 2.8 | 2.4 | 2.6      | 0.2 | 0.0 | 0.1     | 0.1 | 0.0 | 0.1  |
| 25      | 5.5  | 4.0  | 4.7      | 3.3 | 2.6 | 3.0      | 0.2 | 0.0 | 0.0     | 0.1 | 0.0 | 0.1  |
| 26      | 5.3  | 4.0  | 4.5      | 3.1 | 1.6 | 2.4      | 0.2 | 0.0 | 0.1     | 0.1 | 0.0 | 0.1  |
| 27      | 5.3  | 4.3  | 4.7      | 2.3 | 1.1 | 1.7      | 0.3 | 0.0 | 0.1     | 0.1 | 0.0 | 0.1  |
| 28      | 5.9  | 5.0  | 5.5      | 2.6 | 1.6 | 2.0      | 0.1 | 0.0 | 0.0     | 0.1 | 0.0 | 0.1  |
| 29      | 7.4  | 5.5  | 6.4      | 3.7 | 2.1 | 3.0      | 0.2 | 0.0 | 0.0     | 0.1 | 0.0 | 0.1  |
| 30      | 7.8  | 6.8  | 7.2      | 4.1 | 3.3 | 3.7      | 0.3 | 0.0 | 0.1     | 0.1 | 0.0 | 0.1  |
| 31      | 8.3  | 7.0  | 7.7      | --- | --- | ---      | 0.2 | 0.0 | 0.0     | 0.1 | 0.0 | 0.1  |
| Month   | 15.5 | 4.0  | 8.5      | 8.2 | 0.6 | 4.6      | 5.2 | 0.0 | 1.3     | 0.2 | 0.0 | 0.0  |

## 13056500 HENRYS FORK NEAR REXBURG, ID—Continued

 TEMPERATURE, WATER, DEGREES CELSIUS  
 WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

| Day   | Max      | Min | Mean | Max   | Min | Mean | Max   | Min  | Mean | Max  | Min  | Mean |
|-------|----------|-----|------|-------|-----|------|-------|------|------|------|------|------|
|       | February |     |      | March |     |      | April |      |      | May  |      |      |
| 1     | 0.1      | 0.0 | 0.1  | 2.0   | 1.5 | 1.8  | 10.7  | 8.9  | 9.8  | 9.6  | 7.5  | 8.6  |
| 2     | 0.1      | 0.0 | 0.1  | 3.8   | 1.9 | 2.9  | 11.7  | 9.3  | 10.4 | 10.2 | 7.5  | 9.0  |
| 3     | 0.1      | 0.0 | 0.1  | 4.3   | 3.4 | 3.8  | 11.6  | 10.0 | 10.8 | 11.2 | 9.3  | 10.2 |
| 4     | 0.1      | 0.0 | 0.1  | 3.9   | 2.4 | 3.1  | 11.7  | 9.9  | 10.8 | 11.2 | 9.5  | 10.4 |
| 5     | 0.1      | 0.0 | 0.1  | 3.4   | 1.9 | 2.6  | 11.1  | 10.0 | 10.7 | 11.6 | 9.7  | 10.7 |
| 6     | 0.1      | 0.0 | 0.1  | 3.8   | 2.3 | 2.9  | 10.0  | 8.5  | 9.1  | 13.0 | 10.2 | 11.5 |
| 7     | 0.1      | 0.0 | 0.1  | 3.9   | 2.3 | 3.1  | 8.6   | 7.6  | 8.1  | 13.0 | 11.7 | 12.4 |
| 8     | 0.1      | 0.0 | 0.1  | 4.9   | 3.7 | 4.2  | 8.0   | 5.7  | 7.2  | 14.4 | 11.1 | 12.6 |
| 9     | 0.1      | 0.0 | 0.1  | 5.4   | 3.6 | 4.4  | 5.8   | 3.2  | 4.7  | 14.5 | 13.2 | 13.9 |
| 10    | 0.1      | 0.0 | 0.1  | 5.3   | 3.4 | 4.3  | 7.4   | 5.3  | 6.3  | 15.0 | 12.6 | 13.8 |
| 11    | 0.1      | 0.0 | 0.1  | 6.8   | 4.4 | 5.4  | 9.7   | 7.2  | 8.3  | 15.0 | 13.3 | 14.2 |
| 12    | 0.1      | 0.0 | 0.1  | 5.9   | 4.6 | 5.2  | 9.8   | 8.1  | 9.0  | 15.6 | 13.5 | 14.6 |
| 13    | 0.1      | 0.0 | 0.1  | 6.0   | 4.4 | 5.1  | 9.3   | 7.5  | 8.7  | 16.2 | 14.5 | 15.4 |
| 14    | 0.1      | 0.0 | 0.1  | 6.9   | 5.0 | 5.9  | 7.5   | 5.4  | 6.6  | 16.2 | 14.4 | 15.4 |
| 15    | 0.1      | 0.0 | 0.1  | 7.9   | 6.3 | 7.0  | 7.6   | 6.4  | 7.0  | 15.9 | 13.8 | 14.9 |
| 16    | 0.1      | 0.0 | 0.1  | 8.4   | 6.4 | 7.3  | 6.4   | 4.8  | 5.7  | 15.7 | 13.8 | 14.5 |
| 17    | 0.1      | 0.0 | 0.1  | 7.5   | 5.2 | 6.5  | 6.3   | 3.5  | 4.9  | 14.6 | 13.0 | 13.7 |
| 18    | 0.1      | 0.0 | 0.1  | 5.8   | 4.4 | 5.1  | 7.5   | 4.5  | 6.0  | 13.5 | 11.0 | 12.0 |
| 19    | 0.1      | 0.0 | 0.1  | 6.5   | 4.1 | 5.2  | 7.0   | 6.2  | 6.6  | 11.0 | 9.9  | 10.4 |
| 20    | 0.1      | 0.0 | 0.1  | 5.5   | 4.3 | 5.1  | 8.3   | 6.1  | 6.9  | 12.3 | 10.0 | 11.0 |
| 21    | 0.1      | 0.0 | 0.1  | 5.5   | 4.0 | 4.5  | 8.5   | 6.9  | 7.6  | 14.2 | 11.2 | 12.5 |
| 22    | 0.1      | 0.1 | 0.1  | 5.5   | 4.1 | 4.7  | 8.9   | 6.9  | 7.9  | 14.2 | 12.4 | 13.0 |
| 23    | 0.2      | 0.1 | 0.1  | 5.4   | 3.8 | 4.5  | 8.7   | 6.1  | 7.5  | 13.7 | 11.3 | 12.5 |
| 24    | 0.2      | 0.1 | 0.1  | 5.4   | 3.3 | 4.3  | 10.5  | 7.2  | 8.8  | 14.0 | 12.1 | 13.1 |
| 25    | 0.3      | 0.1 | 0.2  | 5.5   | 3.3 | 4.5  | 11.4  | 8.7  | 9.9  | 14.4 | 12.7 | 13.5 |
| 26    | 0.9      | 0.2 | 0.4  | 5.9   | 3.9 | 4.8  | 12.6  | 9.5  | 11.0 | 14.4 | 12.9 | 13.7 |
| 27    | 0.9      | 0.1 | 0.5  | 7.3   | 5.3 | 6.1  | 13.4  | 11.1 | 12.1 | 15.1 | 12.7 | 14.0 |
| 28    | 1.6      | 0.6 | 1.1  | 8.9   | 5.9 | 7.3  | 12.7  | 11.4 | 12.1 | 15.0 | 13.9 | 14.5 |
| 29    | ---      | --- | ---  | 10.0  | 7.8 | 8.7  | 11.5  | 9.9  | 10.6 | 14.5 | 12.8 | 13.5 |
| 30    | ---      | --- | ---  | 10.6  | 8.0 | 9.2  | 9.9   | 8.5  | 9.2  | 14.1 | 12.3 | 13.2 |
| 31    | ---      | --- | ---  | 10.7  | 8.6 | 9.7  | ---   | ---  | ---  | 14.6 | 11.9 | 13.2 |
| Month | 1.6      | 0.0 | 0.2  | 10.7  | 1.5 | 5.1  | 13.4  | 3.2  | 8.5  | 16.2 | 7.5  | 12.8 |

## 13056500 HENRYS FORK NEAR REXBURG, ID—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

| Day   | Max  | Min  | Mean | Max  | Min  | Mean | Max    | Min  | Mean | Max       | Min  | Mean |
|-------|------|------|------|------|------|------|--------|------|------|-----------|------|------|
|       | June |      |      | July |      |      | August |      |      | September |      |      |
| 1     | 15.7 | 13.0 | 14.4 | 24.3 | 20.6 | 22.5 | 22.0   | 19.4 | 20.7 | 20.4      | 17.9 | 19.2 |
| 2     | 16.8 | 14.4 | 15.7 | 23.6 | 20.0 | 21.9 | 21.4   | 19.3 | 20.5 | 19.3      | 17.9 | 18.5 |
| 3     | 16.0 | 14.5 | 15.5 | 24.1 | 20.5 | 22.2 | 21.5   | 18.5 | 20.0 | 20.6      | 16.9 | 18.7 |
| 4     | 17.0 | 14.3 | 15.7 | 24.4 | 20.5 | 22.4 | 21.9   | 18.8 | 20.4 | 22.0      | 19.0 | 20.4 |
| 5     | 17.8 | 14.5 | 16.2 | 24.3 | 20.4 | 22.3 | 21.9   | 18.8 | 20.4 | 21.4      | 19.3 | 20.3 |
| 6     | 18.3 | 16.0 | 17.2 | 22.5 | 20.1 | 21.3 | 22.5   | 18.9 | 20.6 | 21.1      | 19.0 | 20.1 |
| 7     | 19.5 | 16.1 | 17.7 | 22.6 | 18.1 | 20.2 | 22.7   | 19.0 | 20.8 | 20.4      | 18.6 | 19.6 |
| 8     | 20.2 | 17.4 | 18.7 | 22.5 | 19.3 | 20.7 | 22.1   | 18.9 | 20.3 | 20.4      | 18.1 | 19.1 |
| 9     | 20.1 | 17.3 | 18.8 | 23.3 | 18.8 | 20.9 | 22.6   | 18.6 | 20.4 | 19.9      | 17.4 | 18.6 |
| 10    | 19.9 | 17.7 | 18.9 | 24.2 | 19.8 | 21.9 | 22.4   | 19.2 | 20.8 | 19.4      | 16.8 | 18.1 |
| 11    | 18.8 | 17.0 | 18.0 | 22.6 | 18.9 | 20.7 | 22.1   | 18.8 | 20.5 | 19.8      | 17.1 | 18.4 |
| 12    | 18.0 | 15.7 | 16.8 | 22.4 | 17.2 | 19.6 | 22.0   | 18.8 | 20.3 | 20.0      | 18.0 | 18.9 |
| 13    | 17.6 | 14.7 | 16.0 | 22.4 | 19.0 | 20.7 | 21.7   | 18.5 | 20.0 | 19.7      | 17.3 | 18.5 |
| 14    | 16.4 | 13.9 | 15.3 | 23.0 | 19.1 | 20.9 | 21.8   | 18.2 | 19.9 | 19.4      | 17.9 | 18.5 |
| 15    | 17.5 | 14.0 | 15.7 | 22.8 | 19.7 | 21.2 | 22.1   | 18.6 | 20.3 | 18.4      | 16.8 | 17.7 |
| 16    | 18.9 | 15.3 | 17.0 | 22.2 | 19.9 | 20.9 | 22.0   | 18.5 | 20.2 | 18.8      | 16.5 | 17.6 |
| 17    | 20.1 | 16.3 | 18.2 | 24.2 | 19.5 | 21.7 | 21.8   | 18.4 | 20.1 | 18.5      | 16.9 | 17.7 |
| 18    | 21.1 | 17.4 | 19.2 | 24.5 | 21.3 | 22.9 | 22.5   | 19.0 | 20.6 | 16.9      | 14.2 | 15.4 |
| 19    | 19.5 | 16.5 | 18.2 | 24.4 | 21.1 | 22.8 | 22.4   | 18.9 | 20.6 | 14.9      | 12.4 | 13.8 |
| 20    | 17.1 | 13.8 | 15.6 | 24.3 | 20.9 | 22.6 | 22.8   | 19.2 | 20.8 | 15.4      | 13.0 | 14.2 |
| 21    | 18.0 | 14.8 | 16.3 | 23.9 | 20.5 | 22.2 | 21.2   | 19.7 | 20.5 | 15.9      | 13.2 | 14.5 |
| 22    | 18.0 | 15.1 | 16.5 | 23.4 | 19.9 | 21.6 | 22.3   | 18.5 | 20.2 | 15.9      | 13.8 | 14.8 |
| 23    | 18.4 | 14.6 | 16.5 | 23.1 | 19.5 | 21.3 | 21.7   | 19.5 | 20.6 | 15.0      | 12.9 | 14.0 |
| 24    | 18.9 | 16.5 | 17.5 | 21.7 | 20.0 | 20.7 | 20.9   | 18.4 | 19.5 | 13.8      | 12.5 | 13.1 |
| 25    | 19.1 | 16.0 | 17.4 | 22.3 | 18.4 | 20.2 | 21.6   | 18.1 | 19.8 | 12.5      | 11.0 | 11.9 |
| 26    | 20.8 | 17.0 | 18.7 | 23.1 | 19.8 | 21.3 | 21.7   | 19.6 | 20.6 | 11.1      | 9.8  | 10.5 |
| 27    | 22.1 | 18.3 | 20.2 | 21.9 | 19.4 | 20.7 | 21.3   | 18.9 | 20.2 | 11.6      | 10.0 | 10.7 |
| 28    | 23.1 | 19.6 | 21.3 | 20.9 | 18.3 | 19.6 | 21.3   | 19.3 | 20.3 | 11.5      | 9.7  | 10.6 |
| 29    | 23.6 | 20.1 | 21.8 | 20.5 | 18.4 | 19.4 | 21.5   | 18.6 | 20.0 | 11.0      | 9.7  | 10.0 |
| 30    | 24.2 | 19.9 | 22.0 | 21.1 | 18.1 | 19.6 | 21.4   | 18.9 | 20.1 | 12.3      | 9.8  | 10.9 |
| 31    | ---  | ---  | ---  | 20.9 | 18.7 | 19.9 | 21.0   | 18.2 | 19.6 | ---       | ---  | ---  |
| Month | 24.2 | 13.0 | 17.6 | 24.5 | 17.2 | 21.2 | 22.8   | 18.1 | 20.3 | 22.0      | 9.7  | 16.1 |

|      | Max  | Min | Mean |
|------|------|-----|------|
| Year | 24.5 | 0.0 | 9.7  |