# 12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID

Spokane Basin
South Fork Coeur D'Alene Subbasin

LOCATION.--Lat 47°30′52″, long 116°14′31″ referenced to North American Datum of 1983, in SW ¼ SW ¼ SW ¼ sec.8, T.48 N., R.2 E., Shoshone County, ID, Hydrologic Unit 17010302, Kellogg West quad., on left bank about 0.25 mi below Amy Gulch, 3.2 mi upstream from South Fork Coeur d'Alene River, 1.0 mi south of Pinehurst city limits, and at mile 3.6.

DRAINAGE AREA.--73.2 $mi^2$.

## SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,285 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry and crest-stage gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 3,220 $ft^3/s$ Apr. 14, 2002; maximum gage height, 9.83 ft, Apr. 14, 2002; minimum daily discharge, 9.1 $ft^3/s$ Sept. 24, 26, 2001.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 $ft^3/s$ and (or) maximum (*):

| Date | Time | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|
| Mar 16 | 0700 | 2,030 | 8.81 |
| Mar 30 | 1515 | *3,310 | *9.64 |
| Apr 24 | 0115 | 1,690 | 8.53 |
| May 1 | 1415 | 1,120 | 7.85 |
| May 16 | 0430 | 789 | 7.34 |
| May 22 | 1100 | 601 | 7.04 |
| Jun 6 | 1900 | 716 | 7.23 |

Minimum daily discharge, 14 $ft^3/s$, Sept. 29, 30.



Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 12413445, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/12413445.2012.pdf

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | 19 | 36 | 115 | 152 | 94 | 1,030 | 1,040 | 319 | 163 | 35 | 20 |
| 2 | 17 | 18 | 34 | 81 | 114 | 81 | 694 | 841 | 391 | 143 | 35 | 20 |
| 3 | 17 | 18 | 32 | 66 | 94 | 75 | 515 | 633 | 409 | 139 | 34 | 20 |
| 4 | 17 | 18 | 30 | 57 | 83 | 78 | 427 | 531 | 361 | 122 | 33 | 20 |
| 5 | 17 | 18 | 28 | 54 | 76 | 130 | 360 | 479 | 498 | 110 | 32 | 19 |
| 6 | 18 | 18 | 26 | 51 | 70 | 186 | 311 | 420 | 626 | 100 | 32 | 19 |
| 7 | 19 | 18 | 25 | 49 | 66 | 154 | 268 | 377 | 655 | 91 | 31 | 18 |
| 8 | 19 | 18 | 23 | 47 | 63 | 126 | 236 | 389 | 606 | 84 | 30 | 18 |
| 9 | 18 | 17 | 22 | 45 | 60 | 119 | 227 | 484 | 603 | 79 | 30 | 18 |
| 10 | 18 | 17 | 21 | 44 | 58 | 151 | 278 | 520 | 617 | 75 | 29 | 18 |
| 11 | 18 | 17 | 21 | 41 | 57 | 211 | 474 | 438 | 589 | 70 | 29 | 18 |
| 12 | 19 | 18 | 20 | 38 | 61 | 257 | 703 | 388 | 500 | 66 | 28 | 18 |
| 13 | 20 | 19 | 20 | 36 | 65 | 494 | 630 | 386 | 472 | 64 | 27 | 18 |
| 14 | 19 | 19 | 19 | 36 | 65 | 453 | 520 | 459 | 425 | 62 | 27 | 17 |
| 15 | 19 | 19 | 19 | 34 | 62 | 679 | 457 | 625 | 376 | 65 | 26 | 17 |
| 16 | 19 | 19 | 19 | 32 | 59 | 1,620 | 427 | 754 | 336 | 61 | 26 | 17 |
| 17 | 19 | 19 | 18 | 31 | 57 | 886 | 516 | 671 | 333 | 57 | 25 | 16 |
| 18 | 19 | 22 | 18 | 30 | 57 | 602 | 536 | 515 | 322 | 55 | 25 | 16 |
| 19 | 19 | 21 | 18 | 29 | 56 | 453 | 499 | 416 | 286 | 52 | 24 | 16 |
| 20 | 18 | 21 | 18 | 29 | 54 | 367 | 652 | 363 | 247 | 52 | 24 | 16 |
| 21 | 18 | 20 | 17 | 35 | 57 | 319 | 1,040 | 385 | 226 | 51 | 24 | 16 |
| 22 | 18 | 37 | 17 | 40 | 259 | 302 | 1,020 | 560 | 224 | 49 | 24 | 15 |
| 23 | 19 | 65 | 16 | 40 | 341 | 307 | 1,340 | 515 | 222 | 47 | 23 | 15 |
| 24 | 19 | 55 | 16 | 41 | 227 | 293 | 1,570 | 457 | 203 | 45 | 22 | 15 |
| 25 | 19 | 63 | 17 | 54 | 198 | 310 | 1,330 | 396 | 184 | 43 | 22 | 15 |
| 26 | 18 | 58 | 16 | 86 | 158 | 707 | 1,250 | 347 | 211 | 42 | 22 | 15 |
| 27 | 18 | 51 | 16 | 100 | 131 | 744 | 1,150 | 316 | 208 | 41 | 22 | 15 |
| 28 | 18 | 48 | 22 | 81 | 114 | 612 | 745 | 292 | 188 | 40 | 21 | 15 |
| 29 | 18 | 44 | 129 | 75 | 104 | 654 | 533 | 314 | 174 | 38 | 21 | 14 |
| 30 | 18 | 40 | 246 | 314 | --- | 2,110 | 595 | 331 | 163 | 37 | 21 | 14 |
| 31 | 18 | --- | 202 | 233 | --- | 1,630 | --- | 316 | --- | 36 | 21 | --- |
| Total | 567 | 854 | 1,181 | 2,044 | 3,018 | 15,204 | 20,333 | 14,958 | 10,974 | 2,179 | 825 | 508 |
| Mean | 18.3 | 28.5 | 38.1 | 65.9 | 104 | 490 | 678 | 483 | 366 | 70.3 | 26.6 | 16.9 |
| Max | 20 | 65 | 246 | 314 | 341 | 2,110 | 1,570 | 1,040 | 655 | 163 | 35 | 20 |
| Min | 17 | 17 | 16 | 29 | 54 | 75 | 227 | 292 | 163 | 36 | 21 | 14 |
| Ac-ft | 1,120 | 1,690 | 2,340 | 4,050 | 5,990 | 30,160 | 40,330 | 29,670 | 21,770 | 4,320 | 1,640 | 1,010 |

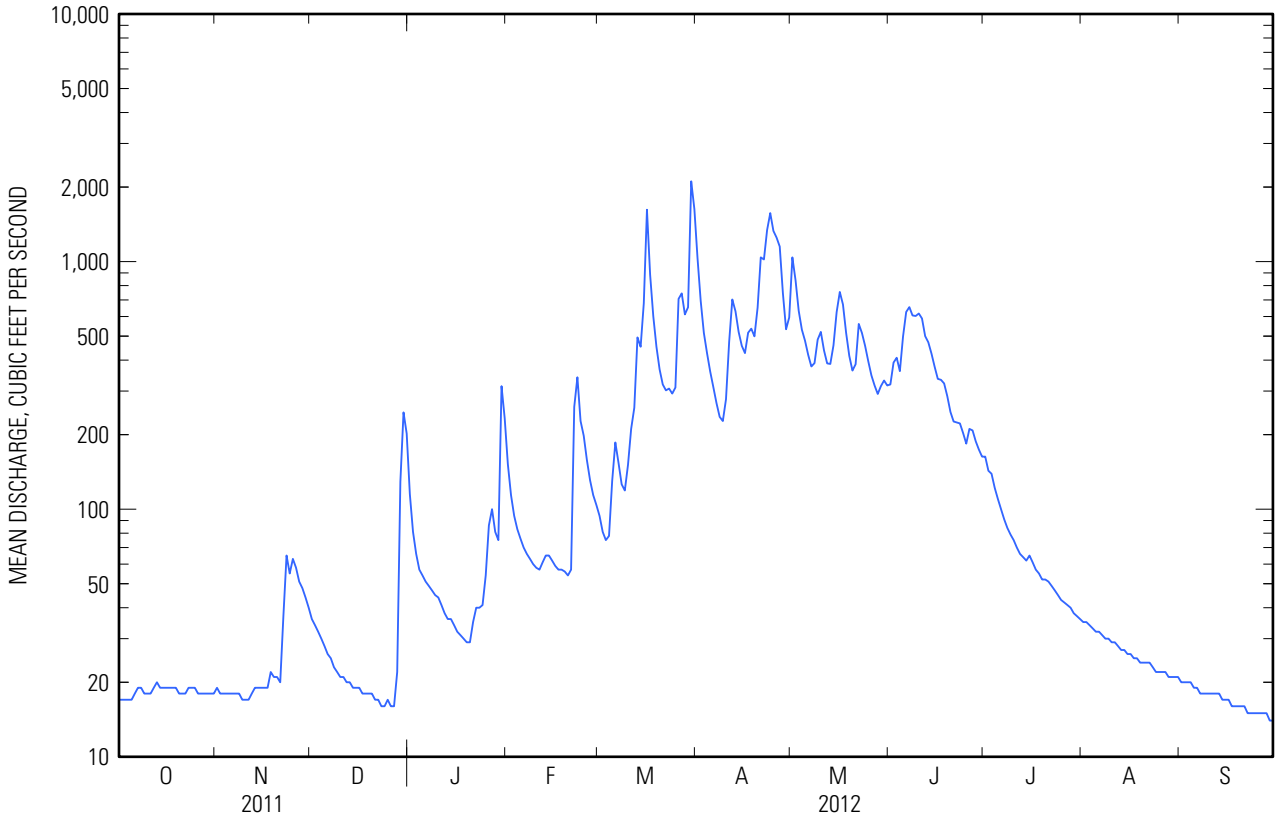
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2012, BY WATER YEAR (WY)**

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean | 17.9 | 63.0 | 99.8 | 152 | 126 | 251 | 372 | 421 | 217 | 48.8 | 22.1 | 16.9 |
| Max | 34.1 | 257 | 205 | 356 | 232 | 529 | 678 | 893 | 492 | 108 | 29.9 | 35.3 |
| (WY) | (2005) | (2007) | (2005) | (2011) | (2003) | (2007) | (2012) | (2008) | (2011) | (2011) | (1999) | (2004) |
| Min | 13.1 | 15.7 | 13.5 | 14.8 | 17.1 | 74.0 | 143 | 138 | 52.0 | 24.2 | 14.4 | 10.0 |
| (WY) | (2004) | (2003) | (2001) | (2001) | (2001) | (2001) | (2001) | (2005) | (2005) | (2003) | (2001) | (2001) |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**SUMMARY STATISTICS**

| | Calendar Year 2011 | | Water Year 2012 | | Water Years 1998 - 2012 | |
|---|---|---|---|---|---|---|
| **Annual total** | 77,677 | | 72,645 | | | |
| **Annual mean** | 213 | | 198 | | 153 | |
| **Highest annual mean** | | | | | 226 | 2011 |
| **Lowest annual mean** | | | | | 55.8 | 2001 |
| **Highest daily mean** | 2,170 | Jan 17 | 2,110 | Mar 30 | 3,220 | Apr 14, 2002 |
| **Lowest daily mean** | 16 | Dec 23 | 14 | Sep 29 | 9.1 | Sep 24, 2001 |
| **Annual seven-day minimum** | 16 | Dec 21 | 15 | Sep 24 | 9.2 | Sep 21, 2001 |
| **Annual runoff (ac-ft)** | 154,100 | | 144,100 | | 111,000 | |
| **10 percent exceeds** | 580 | | 569 | | 416 | |
| **50 percent exceeds** | 81 | | 56 | | 59 | |
| **90 percent exceeds** | 18 | | 18 | | 15 | |



**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1998 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1999 to current year.
SPECIFIC CONDUCTANCE: February 1999 to current year.
TURBIDITY: October 2000 to current year.

INSTRUMENTATION.--Water-quality data recorder since February 1999.

REMARKS.--Turbidity data collected prior to 2001 water year not published.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 16.3 °C July 23, 2006; minimum recorded, 0.6 °C Mar. 11, 2009.
SPECIFIC CONDUCTANCE: Maximum recorded daily mean, 50 microsiemens/cm Oct. 31, Dec. 15, 2002, Nov. 18, 2003, Nov. 5, 2006; minimum recorded daily mean, 13 microsiemens/cm May 16, 17, 2008.
TURBIDITY: Maximum recorded, >1000 FNU Apr. 14, 2002; minimum recorded, <1 FNU on many days.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 15.3 °C Aug. 5; minimum, 1.4 °C Feb. 28.
SPECIFIC CONDUCTANCE: Maximum daily mean, 46 microsiemens/cm Nov. 23; minimum daily mean, 14 microsiemens/cm Apr. 25, 26.
TURBIDITY: Maximum, 300 FNU Mar. 30; minimum, <1 FNU on many days during the year.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 3

[$CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

| Date | Sample start time | Temperature, air, °C (00020) | Discharge, instantaneous, ft³/s (00061) | pH, water, unfiltered, field, standard units (00400) | Specific conductance, water, unfiltered, µS/cm at 25°C (00095) | Temperature, water, °C (00010) | Hardness, water, mg/L as $CaCO_3$ (00900) | Calcium, water, filtered, mg/L (00915) | Magnesium, water, filtered, mg/L (00925) | Ammonia, water, filtered, mg/L as N (00608) |
|---|---|---|---|---|---|---|---|---|---|---|
| **10-13-2011** | **1515** | 10.0 | 19 | 6.9 | 40 | 11.6 | 14.3 | 3.68 | 1.24 | < .010 |
| **04-25-2012** | **1400** | 22.0 | -- | 6.8 | 15 | 7.3 | 5.68 | 1.50 | .469 | < .010 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 3

[$CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

| Date | Sample start time | Nitrate plus nitrite, water, filtered, mg/L as N (00631) | Orthophosphate, water, filtered, mg/L as P (00671) | Phosphorus, water, filtered, mg/L as P (00666) | Phosphorus, water, unfiltered, mg/L as P (00665) | Total nitrogen, water, unfiltered, analytically determined, mg/L (62855) | Cadmium, water, filtered, µg/L (01025) | Cadmium, water, unfiltered, µg/L (01027) | Iron, water, filtered, µg/L (01046) |
|---|---|---|---|---|---|---|---|---|---|
| **10-13-2011** | **1515** | 0.041 | 0.004 | < .004 | < .004 | < .05 | 0.392 | 0.376 | < 3.2 |
| **04-25-2012** | **1400** | .053 | < .004 | .004 | .014 | .08 | .123 | .160 | 11.1 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**
Part 3 of 3

[$CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than]

| Date | Sample start time | Iron, water, unfiltered, recoverable, µg/L (01045) | Lead, water, filtered, µg/L (01049) | Lead, water, unfiltered, recoverable, µg/L (01051) | Manganese, water, filtered, µg/L (01056) | Manganese, water, unfiltered, recoverable, µg/L (01055) | Zinc, water, filtered, µg/L (01090) | Zinc, water, unfiltered, recoverable, µg/L (01092) | Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331) | Suspended sediment concentration, mg/L (80154) |
|---|---|---|---|---|---|---|---|---|---|---|
| **10-13-2011** | **1515** | 4.7 | 0.271 | 0.39 | 0.33 | < .4 | 116 | 99.3 | 33 | < .5 |
| **04-25-2012** | **1400** | 358 | .569 | 10.4 | 2.54 | 16.7 | 40.1 | 45.5 | 54 | 40 |

**TEMPERATURE, WATER, DEGREES CELSIUS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | October | | | November | | | December | | | January | |
| **1** | 12.8 | 10.7 | 11.4 | 10.2 | 8.5 | 9.1 | 7.1 | 6.3 | 6.7 | 4.8 | 3.8 | 4.3 |
| **2** | 13.1 | 10.6 | 11.3 | 10.0 | 8.3 | 8.8 | 7.1 | 5.9 | 6.4 | 5.1 | 4.1 | 4.6 |
| **3** | 13.1 | 10.5 | 11.3 | 9.4 | 8.3 | 8.8 | 6.4 | 5.7 | 6.1 | 6.0 | 5.0 | 5.4 |
| **4** | 11.1 | 10.4 | 10.8 | 9.3 | 8.8 | 9.0 | 6.7 | 5.8 | 6.1 | 6.1 | 4.9 | 5.4 |
| **5** | 11.3 | 10.6 | 10.8 | 9.4 | 8.2 | 8.8 | 6.4 | 5.6 | 6.0 | 5.8 | 4.9 | 5.5 |
| **6** | 10.9 | 10.5 | 10.7 | 9.4 | 8.0 | 8.4 | 6.7 | 5.8 | 6.2 | 5.5 | 4.6 | 5.0 |
| **7** | 10.9 | 10.4 | 10.7 | 8.8 | 8.0 | 8.4 | 6.6 | 5.7 | 6.0 | 5.4 | 4.8 | 5.0 |
| **8** | 11.9 | 10.0 | 10.6 | 9.2 | 8.2 | 8.7 | 6.5 | 5.5 | 5.9 | 5.6 | 4.6 | 5.1 |
| **9** | 11.4 | 10.1 | 10.6 | 9.5 | 8.0 | 8.5 | 6.5 | 5.5 | 5.9 | 5.7 | 4.4 | 5.0 |
| **10** | 11.6 | 10.2 | 10.6 | 9.2 | 7.9 | 8.3 | 6.4 | 5.3 | 5.7 | 5.7 | 4.2 | 4.9 |
| **11** | 11.7 | 10.4 | 10.7 | 8.9 | 7.7 | 8.3 | 6.3 | 5.5 | 5.8 | 4.9 | 3.9 | 4.2 |
| **12** | 11.1 | 10.2 | 10.6 | 8.5 | 7.9 | 8.3 | 6.4 | 5.7 | 6.0 | 4.9 | 3.7 | 4.1 |
| **13** | 11.9 | 10.0 | 10.6 | 9.2 | 8.0 | 8.4 | 6.3 | 5.9 | 6.0 | 4.9 | 3.7 | 4.2 |
| **14** | 10.5 | 10.1 | 10.3 | 8.9 | 8.0 | 8.3 | 6.5 | 5.9 | 6.1 | 5.2 | 4.2 | 4.6 |
| **15** | 12.0 | 9.8 | 10.5 | 8.6 | 7.3 | 7.9 | 6.2 | 5.9 | 6.0 | 4.5 | 3.9 | 4.2 |
| **16** | 11.4 | 9.6 | 10.3 | 8.2 | 7.0 | 7.6 | 6.5 | 6.0 | 6.2 | 4.5 | 3.9 | 4.1 |
| **17** | 11.1 | 9.4 | 10.0 | 8.5 | 7.8 | 8.1 | 6.6 | 6.0 | 6.2 | 4.0 | 3.3 | 3.8 |
| **18** | 11.6 | 9.5 | 10.2 | 8.4 | 7.3 | 7.9 | 6.5 | 6.0 | 6.1 | 4.1 | 3.5 | 3.8 |
| **19** | 11.2 | 9.4 | 10.0 | 8.0 | 7.3 | 7.6 | 6.5 | 5.5 | 6.0 | 4.1 | 3.1 | 3.6 |
| **20** | 10.8 | 9.8 | 10.2 | 8.1 | 7.3 | 7.6 | 6.2 | 5.6 | 5.9 | 4.9 | 3.9 | 4.3 |
| **21** | 10.8 | 9.8 | 10.2 | 8.3 | 7.5 | 7.8 | 6.2 | 5.2 | 5.8 | 4.7 | 3.7 | 4.3 |
| **22** | 11.3 | 10.2 | 10.4 | 7.9 | 6.7 | 7.5 | 5.9 | 4.8 | 5.2 | 4.7 | 3.7 | 4.1 |
| **23** | 11.1 | 10.0 | 10.4 | 7.0 | 6.3 | 6.8 | 5.9 | 4.6 | 5.2 | 5.1 | 3.4 | 4.2 |
| **24** | 11.2 | 9.4 | 10.1 | 7.3 | 6.7 | 7.0 | 5.7 | 5.1 | 5.4 | 4.3 | 3.3 | 3.8 |
| **25** | 10.8 | 9.0 | 9.6 | 7.2 | 6.4 | 6.7 | 6.1 | 5.4 | 5.7 | 5.0 | 4.1 | 4.4 |
| **26** | 10.3 | 8.8 | 9.4 | 7.3 | 6.4 | 6.8 | 6.1 | 5.2 | 5.6 | 4.3 | 3.0 | 3.8 |
| **27** | 10.7 | 8.8 | 9.5 | 7.7 | 6.6 | 7.1 | 6.0 | 5.5 | 5.8 | 4.0 | 2.6 | 3.1 |
| **28** | 9.9 | 8.7 | 9.2 | 7.8 | 6.8 | 7.2 | 6.6 | 5.4 | 6.1 | 4.2 | 2.9 | 3.5 |
| **29** | 10.8 | 9.0 | 9.6 | 7.5 | 6.8 | 7.1 | 5.4 | 3.5 | 4.0 | 4.7 | 3.9 | 4.2 |
| **30** | 10.1 | 8.9 | 9.4 | 7.5 | 6.6 | 7.1 | 4.2 | 3.5 | 4.0 | 3.9 | 2.6 | 3.0 |
| **31** | 10.4 | 9.2 | 9.6 | --- | --- | --- | 4.4 | 3.4 | 3.8 | 4.0 | 2.9 | 3.3 |
| **Month** | 13.1 | 8.7 | 10.3 | 10.2 | 6.3 | 7.9 | 7.1 | 3.4 | 5.7 | 6.1 | 2.6 | 4.3 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**TEMPERATURE, WATER, DEGREES CELSIUS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | February | | | March | | | April | | | May | |
| 1 | 3.9 | 3.0 | 3.5 | 3.8 | 2.3 | 2.9 | 4.6 | 4.1 | 4.4 | 6.4 | 4.8 | 5.3 |
| 2 | 4.5 | 3.6 | 3.9 | 3.6 | 2.1 | 2.8 | 5.5 | 3.9 | 4.5 | 6.4 | 4.6 | 5.3 |
| 3 | 4.7 | 3.1 | 3.7 | 3.8 | 2.9 | 3.3 | 6.0 | 3.5 | 4.5 | 6.2 | 4.5 | 5.2 |
| 4 | 4.6 | 2.7 | 3.3 | 5.5 | 3.2 | 3.8 | 4.8 | 3.8 | 4.2 | 6.7 | 5.0 | 5.8 |
| 5 | 4.6 | 2.9 | 3.4 | 3.8 | 2.7 | 3.3 | 5.0 | 3.6 | 4.2 | 6.2 | 4.9 | 5.4 |
| 6 | 4.7 | 2.6 | 3.3 | 3.7 | 2.2 | 2.8 | 4.7 | 3.5 | 3.9 | 7.4 | 4.5 | 5.8 |
| 7 | 4.7 | 2.7 | 3.3 | 4.2 | 1.8 | 2.7 | 6.0 | 3.2 | 4.2 | 8.7 | 4.5 | 6.3 |
| 8 | 3.9 | 2.7 | 3.3 | 5.0 | 2.0 | 3.0 | 6.3 | 3.0 | 4.4 | 9.4 | 5.0 | 6.8 |
| 9 | 4.7 | 3.3 | 3.9 | 5.6 | 2.3 | 3.3 | 6.8 | 3.6 | 4.9 | 8.5 | 5.6 | 6.7 |
| 10 | 4.7 | 3.8 | 4.1 | 5.0 | 2.5 | 3.5 | 7.0 | 3.9 | 5.2 | 7.7 | 4.7 | 5.9 |
| 11 | 4.7 | 3.8 | 4.1 | 3.7 | 2.9 | 3.2 | 7.1 | 4.3 | 5.4 | 8.2 | 4.2 | 5.8 |
| 12 | 4.5 | 3.8 | 4.0 | 3.6 | 2.4 | 3.0 | 6.3 | 4.8 | 5.4 | 8.9 | 4.5 | 6.3 |
| 13 | 4.7 | 3.6 | 4.0 | 3.4 | 2.9 | 3.2 | 6.7 | 4.2 | 5.1 | 9.5 | 5.0 | 6.8 |
| 14 | 4.2 | 3.2 | 3.6 | 4.5 | 2.8 | 3.4 | 6.9 | 3.9 | 5.1 | 9.8 | 5.2 | 7.1 |
| 15 | 4.2 | 2.9 | 3.6 | 4.3 | 3.4 | 3.7 | 6.5 | 4.6 | 5.2 | 9.6 | 5.5 | 7.1 |
| 16 | 3.9 | 2.7 | 3.3 | 4.7 | 3.7 | 4.0 | 5.7 | 4.1 | 4.9 | 9.0 | 5.6 | 6.9 |
| 17 | 4.8 | 3.4 | 3.9 | 4.5 | 3.7 | 4.0 | 6.5 | 4.7 | 5.3 | 8.2 | 5.5 | 6.6 |
| 18 | 4.5 | 3.2 | 3.8 | 4.7 | 3.5 | 3.9 | 6.5 | 4.8 | 5.3 | 8.5 | 5.2 | 6.5 |
| 19 | 4.0 | 3.1 | 3.5 | 5.0 | 3.2 | 3.8 | 7.0 | 4.7 | 5.5 | 8.9 | 5.2 | 6.5 |
| 20 | 4.1 | 3.0 | 3.5 | 3.7 | 3.0 | 3.3 | 6.2 | 5.1 | 5.5 | 8.3 | 5.5 | 6.7 |
| 21 | 3.9 | 3.1 | 3.6 | 3.2 | 2.7 | 3.0 | 6.8 | 5.0 | 5.6 | 8.1 | 6.3 | 6.9 |
| 22 | 3.8 | 2.6 | 3.3 | 4.8 | 2.8 | 3.4 | 7.8 | 4.7 | 5.8 | 7.5 | 6.0 | 6.6 |
| 23 | 3.6 | 2.4 | 2.9 | 4.4 | 2.3 | 3.4 | 7.6 | 5.1 | 5.9 | 7.0 | 5.7 | 6.1 |
| 24 | 3.8 | 2.7 | 3.2 | 5.4 | 3.1 | 3.9 | 7.5 | 5.1 | 5.9 | 8.1 | 5.5 | 6.4 |
| 25 | 3.2 | 2.2 | 2.8 | 6.3 | 3.3 | 4.4 | 7.5 | 5.2 | 6.0 | 8.1 | 5.1 | 6.4 |
| 26 | 3.9 | 1.8 | 2.9 | 4.3 | 3.8 | 4.1 | 6.1 | 5.1 | 5.6 | 8.9 | 5.6 | 6.7 |
| 27 | 4.4 | 1.9 | 2.8 | 5.7 | 3.7 | 4.4 | 6.1 | 4.8 | 5.2 | 8.0 | 6.0 | 6.8 |
| 28 | 3.8 | 1.4 | 2.4 | 5.3 | 4.0 | 4.4 | 6.1 | 4.3 | 5.2 | 8.6 | 6.4 | 7.3 |
| 29 | 4.1 | 2.1 | 2.8 | 4.9 | 4.0 | 4.4 | 6.8 | 4.9 | 5.6 | 8.8 | 6.6 | 7.3 |
| 30 | --- | --- | --- | 4.5 | 4.4 | 4.5 | 6.5 | 5.2 | 5.6 | 9.3 | 6.2 | 7.3 |
| 31 | --- | --- | --- | 6.1 | 4.3 | 4.9 | --- | --- | --- | 7.8 | 6.4 | 7.0 |
| Month | 4.8 | 1.4 | 3.4 | 6.3 | 1.8 | 3.6 | 7.8 | 3.0 | 5.1 | 9.8 | 4.2 | 6.4 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**TEMPERATURE, WATER, DEGREES CELSIUS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | June | | | July | | | August | | | September | |
| 1 | 9.0 | 6.5 | 7.6 | 11.9 | 9.3 | 10.2 | 15.0 | 10.7 | 12.3 | 14.2 | 11.3 | 12.3 |
| 2 | 9.2 | 6.7 | 7.5 | 13.3 | 8.9 | 10.7 | 13.3 | 10.8 | 11.9 | 14.1 | 11.0 | 12.1 |
| 3 | 8.3 | 6.4 | 7.3 | 12.0 | 9.0 | 10.2 | 14.8 | 10.7 | 12.2 | 14.3 | 11.0 | 12.1 |
| 4 | 10.9 | 6.8 | 8.2 | 13.0 | 8.3 | 10.2 | 15.0 | 10.8 | 12.4 | 14.2 | 11.1 | 12.2 |
| 5 | 8.0 | 6.6 | 7.2 | 13.3 | 8.5 | 10.5 | 15.3 | 11.0 | 12.6 | 14.4 | 11.0 | 12.2 |
| 6 | 6.9 | 5.9 | 6.4 | 13.6 | 8.8 | 10.7 | 13.6 | 11.3 | 12.2 | 14.3 | 11.3 | 12.3 |
| 7 | 8.1 | 5.6 | 6.7 | 14.3 | 9.3 | 11.2 | 15.2 | 11.2 | 12.6 | 14.3 | 11.1 | 12.2 |
| 8 | 7.8 | 6.4 | 6.9 | 14.4 | 9.6 | 11.5 | 14.1 | 11.3 | 12.4 | 14.4 | 11.1 | 12.2 |
| 9 | 6.8 | 6.0 | 6.4 | 13.2 | 10.0 | 11.2 | 14.5 | 10.9 | 12.3 | 14.4 | 11.5 | 12.3 |
| 10 | 7.1 | 6.2 | 6.5 | 14.6 | 9.9 | 11.7 | 14.7 | 11.1 | 12.4 | 12.9 | 11.1 | 11.8 |
| 11 | 9.5 | 6.2 | 7.5 | 14.7 | 10.0 | 11.7 | 14.9 | 11.1 | 12.5 | 13.5 | 10.7 | 11.6 |
| 12 | 9.3 | 6.4 | 7.7 | 14.6 | 10.0 | 11.7 | 15.0 | 11.1 | 12.6 | 13.5 | 10.5 | 11.6 |
| 13 | 8.3 | 7.1 | 7.7 | 14.6 | 10.3 | 11.9 | 15.0 | 11.3 | 12.7 | 13.9 | 10.6 | 11.8 |
| 14 | 10.2 | 6.7 | 8.1 | 14.3 | 10.8 | 11.8 | 14.8 | 11.3 | 12.6 | 13.7 | 10.7 | 11.8 |
| 15 | 11.0 | 6.5 | 8.3 | 13.2 | 10.6 | 11.4 | 14.9 | 11.6 | 12.8 | 13.7 | 11.2 | 12.0 |
| 16 | 10.6 | 6.7 | 8.3 | 14.8 | 10.5 | 11.9 | 14.9 | 11.3 | 12.6 | 13.9 | 10.9 | 11.9 |
| 17 | 10.7 | 8.0 | 8.9 | 15.0 | 10.7 | 12.2 | 14.9 | 11.3 | 12.6 | 13.8 | 10.8 | 11.8 |
| 18 | 9.0 | 7.6 | 8.1 | 15.1 | 10.6 | 12.3 | 15.0 | 11.3 | 12.7 | 13.8 | 10.8 | 11.8 |
| 19 | 8.7 | 7.2 | 7.9 | 14.8 | 10.7 | 12.3 | 15.0 | 11.7 | 12.8 | 13.6 | 10.8 | 11.8 |
| 20 | 11.6 | 6.9 | 8.8 | 13.8 | 11.0 | 11.8 | 14.8 | 11.7 | 12.8 | 13.7 | 10.9 | 11.9 |
| 21 | 12.3 | 7.4 | 9.4 | 15.0 | 10.9 | 12.3 | 14.0 | 11.9 | 12.6 | 13.9 | 10.8 | 11.9 |
| 22 | 12.5 | 8.1 | 9.6 | 15.1 | 10.5 | 12.3 | 14.7 | 11.7 | 12.7 | 13.6 | 11.0 | 11.9 |
| 23 | 12.1 | 8.7 | 9.8 | 14.1 | 10.6 | 11.9 | 14.7 | 11.3 | 12.4 | 12.9 | 11.3 | 11.9 |
| 24 | 12.1 | 8.7 | 9.8 | 14.6 | 10.2 | 11.9 | 13.9 | 11.3 | 12.2 | 13.3 | 11.0 | 11.8 |
| 25 | 12.0 | 8.5 | 9.9 | 15.0 | 10.5 | 12.2 | 14.4 | 11.0 | 12.2 | 13.3 | 10.9 | 11.7 |
| 26 | 9.5 | 8.3 | 8.9 | 14.2 | 10.7 | 12.0 | 14.4 | 11.1 | 12.4 | 13.3 | 10.8 | 11.6 |
| 27 | 11.8 | 8.1 | 9.4 | 15.0 | 10.8 | 12.4 | 14.4 | 11.5 | 12.5 | 13.4 | 10.7 | 11.6 |
| 28 | 13.0 | 7.7 | 9.9 | 15.0 | 10.9 | 12.3 | 14.6 | 11.3 | 12.5 | 13.4 | 10.6 | 11.6 |
| 29 | 11.9 | 9.0 | 9.9 | 14.9 | 10.6 | 12.2 | 13.9 | 11.5 | 12.3 | 13.4 | 10.9 | 11.8 |
| 30 | 12.6 | 8.6 | 10.2 | 15.0 | 10.7 | 12.3 | 14.4 | 11.0 | 12.2 | 13.3 | 10.8 | 11.6 |
| 31 | --- | --- | --- | 15.1 | 10.8 | 12.3 | 14.2 | 11.0 | 12.2 | --- | --- | --- |
| Month | 13.0 | 5.6 | 8.3 | 15.1 | 8.3 | 11.7 | 15.3 | 10.7 | 12.5 | 14.4 | 10.5 | 11.9 |

| | Max | Min | Mean |
|---|---|---|---|
| Year | 15.3 | 1.4 | 7.6 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36 | 40 | 40 | 33 | 29 | 32 | 19 | 18 | 21 | 26 | 34 | 36 |
| 2 | 36 | 40 | 40 | 34 | 29 | 33 | 22 | 19 | 20 | 26 | 34 | 36 |
| 3 | 36 | 40 | 39 | 34 | 31 | 33 | 24 | 20 | 19 | 26 | 34 | 36 |
| 4 | 37 | 40 | 39 | 34 | 34 | 33 | 24 | 20 | 20 | 26 | 34 | 36 |
| 5 | 37 | 40 | 38 | 34 | 34 | 33 | 25 | 21 | 20 | 27 | 34 | 36 |
| 6 | 37 | 40 | 38 | 34 | 34 | 32 | 25 | 21 | 21 | 27 | 34 | 36 |
| 7 | 37 | 40 | 38 | 34 | 34 | 32 | 26 | 22 | 21 | 28 | 34 | 36 |
| 8 | 38 | 39 | 38 | 34 | 34 | 32 | 26 | 21 | 21 | 28 | 34 | 37 |
| 9 | 38 | 39 | 38 | 34 | 34 | 33 | 26 | 20 | 21 | 28 | 34 | 37 |
| 10 | 38 | 39 | 38 | 34 | 34 | 32 | 26 | 19 | 21 | 29 | 34 | 37 |
| 11 | 38 | 39 | 38 | 34 | 34 | 31 | 23 | 19 | 21 | 29 | 34 | 37 |
| 12 | 38 | 39 | 38 | 34 | 35 | 30 | 20 | 20 | 21 | 29 | 34 | 37 |
| 13 | 39 | 39 | 38 | 34 | 35 | 28 | 20 | 20 | 21 | 29 | 34 | 37 |
| 14 | 39 | 40 | 38 | 34 | 35 | 29 | 21 | 19 | 21 | 30 | 35 | 37 |
| 15 | 39 | 40 | 38 | 34 | 35 | 27 | 21 | 18 | 21 | 30 | 35 | 37 |
| 16 | 39 | 40 | 38 | 34 | 35 | 23 | 21 | 17 | 22 | 30 | 35 | 37 |
| 17 | 40 | 40 | 38 | 34 | 35 | 23 | 20 | 17 | 22 | 30 | 35 | 37 |
| 18 | 40 | 41 | 38 | 34 | 35 | 25 | 20 | 18 | 22 | 31 | 35 | 38 |
| 19 | 40 | 41 | 39 | 34 | 35 | 27 | 20 | 19 | 22 | 31 | 35 | 38 |
| 20 | 40 | 41 | 39 | 34 | 35 | 27 | 20 | 19 | 23 | 31 | 35 | 38 |
| 21 | 40 | 41 | 39 | 35 | 35 | 28 | 18 | 19 | 23 | 32 | 35 | 38 |
| 22 | 40 | 43 | 39 | 35 | 32 | 28 | 18 | 18 | 24 | 32 | 35 | 38 |
| 23 | 40 | 46 | 39 | 35 | 29 | 29 | 16 | 18 | 24 | 32 | 35 | 38 |
| 24 | 40 | 45 | 39 | 34 | 30 | 30 | 15 | 19 | 24 | 32 | 35 | 38 |
| 25 | 40 | 43 | 39 | 33 | 30 | 30 | 14 | 19 | 24 | 32 | 35 | 38 |
| 26 | 40 | 41 | 39 | 32 | 31 | 27 | 14 | 20 | 24 | 33 | 35 | 38 |
| 27 | 40 | 41 | 39 | 31 | 32 | 24 | 16 | 20 | 24 | 33 | 35 | 38 |
| 28 | 40 | 41 | 40 | 31 | 32 | 24 | 17 | 21 | 25 | 33 | 35 | 39 |
| 29 | 40 | 40 | 37 | 31 | 32 | 24 | 19 | 21 | 25 | 33 | 35 | 39 |
| 30 | 40 | 40 | 31 | 27 | --- | 20 | 19 | 20 | 25 | 33 | 35 | 39 |
| 31 | 40 | --- | 31 | 28 | --- | 18 | --- | 21 | --- | 33 | 36 | --- |
| Mean | 39 | 41 | 38 | 33 | 33 | 28 | 20 | 19 | 22 | 30 | 35 | 37 |
| Max | 40 | 46 | 40 | 35 | 35 | 33 | 26 | 22 | 25 | 33 | 36 | 39 |
| Min | 36 | 39 | 31 | 27 | 29 | 18 | 14 | 17 | 19 | 26 | 34 | 36 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[<, less than]

| Day | Max | Min | Median | Max | Min | Median | Max | Min | Median | Max | Min | Median |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | October | | | November | | | December | | | January | | |
| 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 3 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 4 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 6 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 7 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 8 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 9 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 11 | <1 | <1 | <1 | <1 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | <1 |
| 12 | <1 | <1 | <1 | <1 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | <1 |
| 13 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 14 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 15 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 16 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 17 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 18 | <1 | <1 | <1 | <1 | <1 | <1 | 1 | <1 | <1 | <1 | <1 | <1 |
| 19 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 20 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 21 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 22 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 23 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 24 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 25 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 26 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 27 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 28 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 29 | <1 | <1 | <1 | <1 | <1 | <1 | 4 | <1 | <1 | <1 | <1 | <1 |
| 30 | <1 | <1 | <1 | <1 | <1 | <1 | 4 | <1 | 2 | 7 | <1 | 2 |
| 31 | <1 | <1 | <1 | --- | --- | --- | 2 | <1 | 1 | 2 | <1 | <1 |
| Max | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 7 | 1 | 2 |
| Min | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[<, less than]

| Day | Max | Min | Median | Max | Min | Median | Max | Min | Median | Max | Min | Median |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | February | | | March | | | April | | | May | |
| 1 | <1 | <1 | <1 | <1 | <1 | <1 | 22 | 5 | 10 | 7 | 2 | 4 |
| 2 | <1 | <1 | <1 | 1 | <1 | <1 | 6 | 3 | 4 | 2 | <1 | 1 |
| 3 | <1 | <1 | <1 | <1 | <1 | <1 | 3 | <1 | 2 | 1 | <1 | <1 |
| 4 | <1 | <1 | <1 | <1 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | <1 |
| 5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 1 | <1 | <1 |
| 6 | <1 | <1 | <1 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 7 | <1 | <1 | <1 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 8 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 1 | <1 | <1 |
| 9 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 10 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 11 | <1 | <1 | <1 | <1 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | <1 |
| 12 | <1 | <1 | <1 | <1 | <1 | <1 | 3 | 1 | 2 | <1 | <1 | <1 |
| 13 | <1 | <1 | <1 | 11 | <1 | 3 | 1 | <1 | <1 | <1 | <1 | <1 |
| 14 | <1 | <1 | <1 | 6 | <1 | 1 | 4 | <1 | <1 | <1 | <1 | <1 |
| 15 | <1 | <1 | <1 | 41 | <1 | 2 | <1 | <1 | <1 | <1 | <1 | <1 |
| 16 | <1 | <1 | <1 | 57 | 8 | 30 | <1 | <1 | <1 | 1 | <1 | <1 |
| 17 | <1 | <1 | <1 | 8 | 2 | 4 | <1 | <1 | <1 | 1 | <1 | <1 |
| 18 | <1 | <1 | <1 | 4 | 2 | 2 | 2 | <1 | <1 | <1 | <1 | <1 |
| 19 | <1 | <1 | <1 | 5 | <1 | 1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 20 | <1 | <1 | <1 | 1 | <1 | <1 | 11 | <1 | <1 | <1 | <1 | <1 |
| 21 | <1 | <1 | <1 | 4 | <1 | <1 | 16 | 4 | 6 | 1 | <1 | <1 |
| 22 | 5 | <1 | 2 | 6 | <1 | <1 | 7 | 2 | 4 | <1 | <1 | <1 |
| 23 | 2 | <1 | 1 | 8 | <1 | <1 | 46 | 7 | 17 | <1 | <1 | <1 |
| 24 | <1 | <1 | <1 | 4 | <1 | <1 | 49 | 23 | 32 | <1 | <1 | <1 |
| 25 | 1 | <1 | <1 | 4 | <1 | <1 | 26 | 7 | 14 | <1 | <1 | <1 |
| 26 | 2 | <1 | <1 | 11 | 1 | 4 | 9 | 6 | 7 | <1 | <1 | <1 |
| 27 | <1 | <1 | <1 | 3 | 1 | 2 | 10 | 2 | 5 | <1 | <1 | <1 |
| 28 | 1 | <1 | <1 | 2 | <1 | 1 | 3 | <1 | 2 | <1 | <1 | <1 |
| 29 | <1 | <1 | <1 | 2 | <1 | <1 | 1 | <1 | <1 | <1 | <1 | <1 |
| 30 | --- | --- | --- | 300 | 2 | 120 | 7 | <1 | <1 | <1 | <1 | <1 |
| 31 | --- | --- | --- | 160 | 20 | 50 | --- | --- | --- | <1 | <1 | <1 |
| Max | 5 | 1 | 2 | 300 | 20 | 120 | 49 | 23 | 32 | 7 | 2 | 4 |
| Min | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

**12413445 PINE CREEK BELOW AMY GULCH NEAR PINEHURST, ID—Continued**

**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS**
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[<, less than]

| Day | Max | Min | Median | Max | Min | Median | Max | Min | Median | Max | Min | Median |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | June | | | July | | | August | | | September | |
| 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 3 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 4 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 5 | 1 | <1 | <1 | 5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 6 | 2 | <1 | <1 | 5 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 7 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 8 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 9 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 10 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 11 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 12 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 13 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 14 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 15 | 9 | <1 | <1 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 16 | 9 | <1 | 2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 17 | 2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 18 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 19 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 20 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 21 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 22 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 23 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 24 | 1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 25 | 2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 26 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 27 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 28 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 29 | 2 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| 30 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | --- | --- | --- |
| 31 | --- | --- | --- | <1 | <1 | <1 | <1 | <1 | <1 | --- | --- | --- |
| Max | 9 | 1 | 2 | 5 | 1 | 1 | 1 | 1 | 1 | --- | --- | --- |
| Min | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | --- | --- | --- |