

Water-Data Report 2012

**13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID**

Salmon Basin  
South Fork Salmon Subbasin

LOCATION.--Lat 44°54'08.1", long 115°19'32.4" referenced to North American Datum of 1983, in NE ¼ NW ¼ sec.14, T.18 N., R.9 E., Valley County, ID, Hydrologic Unit 17060208, Stibnite quad., Boise National Forest, on right bank, 9 miles southeast of Yellow Pine.

DRAINAGE AREA.—9.1 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--September 2011 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6550 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges which are poor. Station equipment includes crest-stage gage.

EXTREMES FOR CURRENT YEAR.--Maximum recorded discharge, 98 ft<sup>3</sup>/s June 4, gage height 16.32 ft; minimum daily, 3.2 ft<sup>3</sup>/s Dec. 5.

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

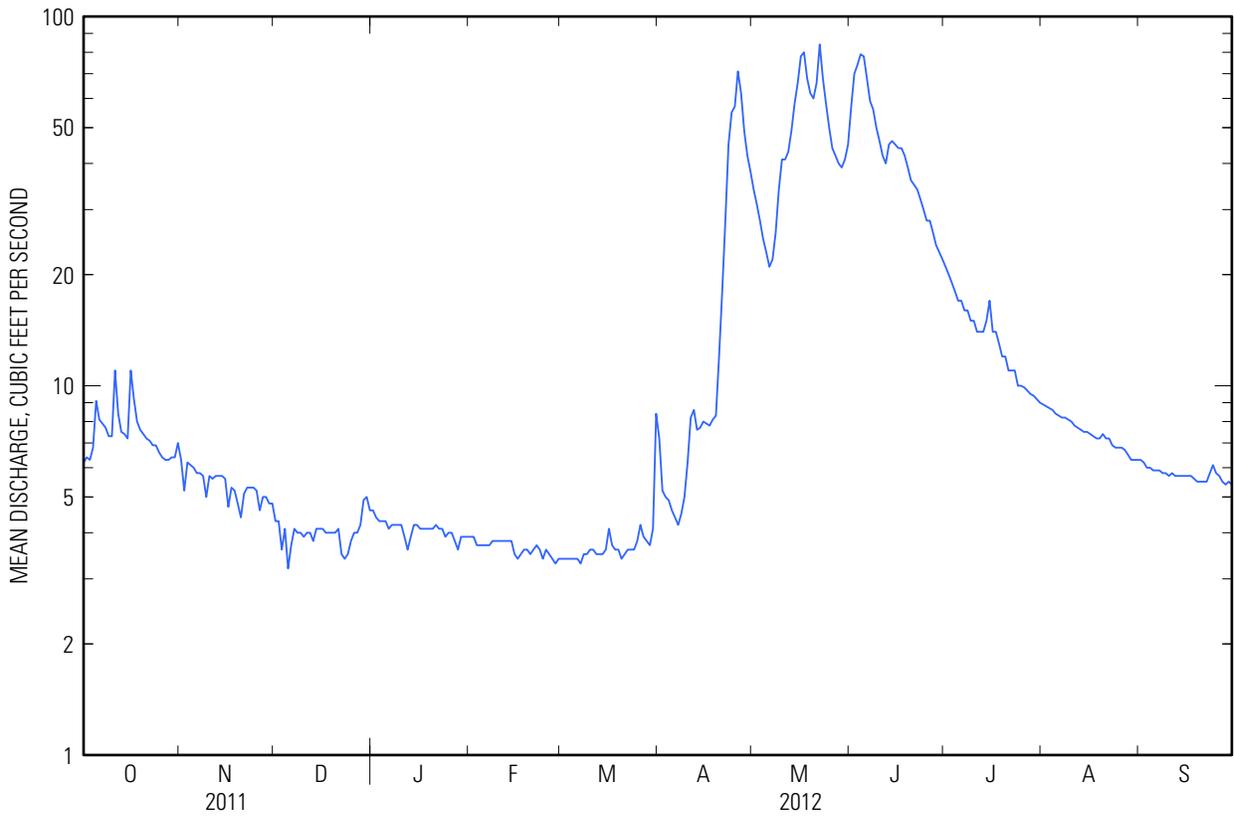
**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.2	6.3	e4.3	e4.6	3.9	3.4	7.2	e34	57	21	8.9	6.3
2	6.4	e5.2	e4.3	4.4	3.9	3.4	e5.2	e31	70	20	8.8	6.2
3	6.3	e6.2	e3.6	4.3	e3.7	3.4	e5.0	e28	74	19	8.7	6.0
4	6.8	6.1	e4.1	4.3	e3.7	3.4	e4.9	e25	79	18	8.6	6.0
5	9.1	e6.0	e3.2	4.3	e3.7	3.4	e4.6	e23	78	17	8.4	5.9
6	8.1	e5.8	e3.7	e4.1	e3.7	3.4	e4.4	e21	68	17	8.3	5.9
7	7.9	e5.8	e4.1	e4.2	e3.7	e3.3	e4.2	e22	59	16	8.2	5.9
8	7.7	e5.7	e4.0	e4.2	e3.8	3.5	e4.5	e26	56	16	8.2	5.8
9	7.3	e5.0	e4.0	4.2	3.8	3.5	5.0	e34	50	15	8.1	5.8
10	7.3	e5.7	e3.9	4.2	3.8	3.6	6.2	e41	46	15	8.0	5.7
11	11	e5.6	e4.0	e3.9	3.8	3.6	8.2	e41	42	14	7.8	5.8
12	8.4	e5.7	e4.0	e3.6	3.8	3.5	8.6	e43	40	14	7.7	5.7
13	7.5	5.7	e3.8	e3.9	3.8	3.5	7.6	e49	45	14	7.6	5.7
14	7.4	5.7	e4.1	4.2	3.8	3.5	7.7	e58	46	15	7.5	5.7
15	7.2	5.6	e4.1	4.2	e3.5	3.6	8.0	e66	45	17	7.5	5.7
16	11	e4.7	e4.1	4.1	e3.4	4.1	7.9	e78	44	14	7.4	5.7
17	9.2	e5.3	e4.0	4.1	e3.5	3.7	7.8	e80	44	14	7.3	5.7
18	8.0	e5.2	e4.0	4.1	3.6	3.6	8.1	e68	42	13	7.2	5.6
19	7.6	e4.8	e4.0	4.1	3.6	3.6	8.3	e62	39	12	7.2	5.5
20	7.4	e4.4	e4.0	4.1	3.5	e3.4	12	e60	36	12	7.4	5.5
21	7.2	e5.1	e4.1	4.2	3.6	3.5	18	e66	35	11	7.2	5.5
22	7.1	e5.3	e3.5	4.1	3.7	3.6	28	e84	34	11	7.2	5.5
23	6.9	e5.3	e3.4	4.1	3.6	3.6	45	e68	32	11	6.9	5.8
24	6.9	e5.3	e3.5	e3.9	e3.4	3.6	55	e58	30	10	6.8	6.1
25	6.6	e5.2	e3.8	e4.0	3.6	3.8	57	e50	28	10	6.8	5.8
26	e6.4	e4.6	e4.0	4.0	3.5	4.2	71	e44	28	9.9	6.8	5.7
27	e6.3	e5.0	e4.0	e3.8	e3.4	3.9	62	e42	26	9.7	6.7	5.5
28	e6.3	e5.0	e4.2	e3.6	e3.3	3.8	e49	e40	24	9.5	6.5	5.4
29	6.4	e4.8	4.9	e3.9	3.4	3.7	e42	e39	23	9.4	6.3	5.5
30	6.4	e4.8	5.0	3.9	---	4.1	e38	e41	22	9.2	6.3	5.4
31	7.0	---	e4.6	3.9	---	8.4	---	e45	---	9.0	6.3	---
<b>Mean</b>	7.46	5.36	4.01	4.08	3.64	3.76	20.0	47.3	44.7	13.6	7.50	5.74
<b>Max</b>	11	6.3	5.0	4.6	3.9	8.4	71	84	79	21	8.9	6.3
<b>Min</b>	6.2	4.4	3.2	3.6	3.3	3.3	4.2	21	22	9.0	6.3	5.4

**SUMMARY STATISTICS****Water Year 2012**

<b>Annual mean</b>	13.9
<b>Highest annual mean</b>	
<b>Lowest annual mean</b>	
<b>Highest daily mean</b>	84 May 22
<b>Lowest daily mean</b>	3.2 Dec 5
<b>Annual seven-day minimum</b>	3.4 Feb 27
<b>10 percent exceeds</b>	43
<b>50 percent exceeds</b>	6.1
<b>90 percent exceeds</b>	3.6

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued



## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water-quality samples have been collected approximately 5 - 7 times annually since September 2011.

PERIOD OF DAILY RECORD.--Continuous temperature, specific conductance, and pH have been seasonally maintained on site since September 2011. The continuous water-quality monitor is removed from the site typically between the months of October or November to March or April due to extreme winter conditions.

INSTRUMENTATION.--A YSI 600XL multi-parameter sonde was installed on September 19, 2011. The sonde records pH, specific conductance, and temperature at 15-minute intervals to the Sutron DCP. The sonde is housed in a bank-mounted PVC conduit on the right bank at the gage.

REMARKS.--The continuous water-quality monitor is retrieved yearly for the winter and re-deployed in spring.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum 13.6 degrees Celsius on July 30. Minimum 0.0 degrees Celsius on October 6 and 7, 2012 and October 23, 24, 25, 26, 27, 2012.

SPECIFIC CONDUCTANCE: Maximum 82  $\mu$ S/cm on September 29, 30 and October 1, 2, 3, 4, 2011. Minimum 22  $\mu$ S/cm on June 4, 2012.

pH: Maximum 8.2 on September 20, 21, 22, 23, 24, 2011. Minimum 7.4 May 16 and 17, 2012.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius;  $\mu$ S/cm, microsiemens per centimeter;  $\mu$ g/L, micrograms per liter; <, less than]

Date	Sample start time	Temperature, air, °C (00020)	Discharge, instantaneous, ft <sup>3</sup> /s (00061)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, $\mu$ S/cm at 25°C (00095)	Temperature, water, °C (00010)	Hardness, water, mg/L as CaCO <sub>3</sub> (00900)	Calcium, water, filtered, mg/L (00915)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, filtered, mg/L (00925)
09-19-2011	1746	20.0	6.5	8.1	78	8.4	35.3	9.53	9.58	2.78

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 2 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius;  $\mu$ S/cm, microsiemens per centimeter;  $\mu$ g/L, micrograms per liter; <, less than]

Date	Sample start time	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, filtered, mg/L (00935)	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, filtered, mg/L (00930)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO <sub>3</sub> (90410)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)
09-19-2011	1746	2.65	0.797	0.698	1.57	1.60	40.5	< .010	0.18	< .04

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 3 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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; <, less than]

Date	Sample start time	Silica, water, filtered,	Silica, water, unfiltered,	Sulfate, water, filtered,	Aluminum, water, filtered,	Aluminum, water, unfiltered, recoverable,	Barium, water, filtered,	Barium, water, unfiltered, recoverable,	Cadmium, water, filtered,	Cadmium, water, unfiltered,
		mg/L as SiO <sub>2</sub> (00955)	mg/L as SiO <sub>2</sub> (00956)	mg/L (00945)	µg/L (01106)	µg/L (01105)	µg/L (01005)	µg/L (01007)	µg/L (01025)	µg/L (01027)
09-19-2011	1746	10.7	9.90	1.73	4.7	14.8	10.5	10.4	0.055	< .050

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 4 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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; <, less than]

Date	Sample start time	Chromium, water, filtered,	Chromium, water, unfiltered, recoverable,	Cobalt, water, filtered,	Cobalt, water, unfiltered, recoverable,	Copper, water, filtered,	Copper, water, unfiltered, recoverable,	Iron, water, filtered,	Iron, water, unfiltered, recoverable,	Lead, water, filtered,
		µg/L (01030)	µg/L (01034)	µg/L (01035)	µg/L (01037)	µg/L (01040)	µg/L (01042)	µg/L (01046)	µg/L (01045)	µg/L (01049)
09-19-2011	1746	0.06	< .21	0.331	< .02	3.9	2.8	< 3.2	18.4	0.086

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 5 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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; <, less than]

Date	Sample start time	Lead, water, unfiltered, recoverable,	Lithium, water, filtered,	Lithium, water, unfiltered, recoverable,	Manga-nese, water, filtered,	Manga-nese, water, unfiltered, recoverable,	Mercury, water, filtered,	Mercury, water, unfiltered, recoverable,	Molybdenum, water, filtered,	Molybdenum, water, unfiltered, recoverable,
		µg/L (01051)	µg/L (01130)	micrograms per liter (01132)	µg/L (01056)	µg/L (01055)	µg/L (71890)	µg/L (71900)	µg/L (01060)	µg/L (01062)
09-19-2011	1746	0.04	0.53	0.60	1.21	1.7	< .005	< .005	0.990	0.94

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 6 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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; <, less than]

Date	Sample start time	Nickel, water, filtered, µg/L (01065)	Nickel, water, unfiltered, recoverable, µg/L (01067)	Strontium, water, filtered, µg/L (01080)	Strontium, water, unfiltered, recoverable, micrograms per liter (01082)	Vanadium, water, filtered, µg/L (01085)	Vanadium, water, unfiltered, micrograms per liter (01087)	Zinc, water, filtered, µg/L (01090)	Zinc, water, unfiltered, recoverable, µg/L (01092)	Antimony, water, filtered, µg/L (01095)
09-19-2011	1746	< .09	< .12	77.7	71.4	0.17	< .6	< 1.4	< 2.4	1.20

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 7 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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; <, less than]

Date	Sample start time	Antimony, water, unfiltered, µg/L (01097)	Arsenic, water, filtered, µg/L (01000)	Arsenic, water, unfiltered, µg/L (01002)	Uranium (natural), water, filtered, µg/L (22703)	Uranium (natural), water, unfiltered, micrograms per liter (28011)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concentration, mg/L (80154)
09-19-2011	1746	1.22	12.4	11.8	0.470	0.551	30	1

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

Part 1 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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, ft <sup>3</sup> /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 <sub>3</sub> (00900)	Calcium, water, filtered, mg/L (00915)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, filtered, mg/L (00925)
10-17-2011	1755	17.5	8.9	8.3	75	4.2	33.3	9.25	9.56	2.45
12-14-2011	1345	.0	4.1	8.7	77	.3	38.8	10.5	9.51	3.02
05-17-2012	1403	10.0	--	7.5	36	3.9	16.1	4.72	4.70	1.04
06-13-2012	1132	6.0	--	7.4	44	5.6	20.6	5.99	6.18	1.37
08-28-2012	1116	21.0	6.8	7.7	76	8.6	36.5	10.0	9.29	2.78

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

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

Part 2 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, filtered, mg/L (00935)	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, filtered, mg/L (00930)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)
							titration, laboratory, mg/L as CaCO <sub>3</sub> (90410)			
10-17-2011	1755	2.47	0.814	0.768	1.59	1.65	38.2	< .010	0.47	0.05
12-14-2011	1345	2.78	.723	.666	1.64	1.55	40.8	< .010	.17	< .04
05-17-2012	1403	1.12	.580	.626	1.34	1.22	19.9	< .010	.30	.05
06-13-2012	1132	1.38	.601	.619	1.41	1.40	23.8	< .010	.99	.05
08-28-2012	1116	2.62	.778	.653	1.76	1.62	40.4	< .010	.19	< .04

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

Part 3 of 7

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Date	Sample start time	Silica, water, filtered, mg/L as SiO <sub>2</sub> (00955)	Silica, water, unfiltered, mg/L as SiO <sub>2</sub> (00956)	Sulfate, water, filtered, mg/L (00945)	Aluminum, water, filtered, µg/L (01106)	Aluminum, water, unfiltered, recoverable, µg/L (01105)	Barium, water, filtered, µg/L (01005)	Barium, water, unfiltered, recoverable, µg/L (01007)	Cadmium, water, filtered, µg/L (01025)	Cadmium, water, unfiltered, µg/L (01027)
		10-17-2011	1755	10.5	9.90	1.80	7.9	< 38.0	10.0	10.1
12-14-2011	1345	9.92	9.31	2.07	2.9	10.2	10.7	10.1	< .016	< .016
05-17-2012	1403	9.15	9.28	1.16	60.0	349	5.82	9.78	.302	.024
06-13-2012	1132	8.57	8.90	1.04	20.0	76.1	7.00	7.60	.154	.156
08-28-2012	1116	9.84	9.33	1.69	5.2	16.8	11.0	10.8	< .016	< .016

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

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

Part 4 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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	Chromium, water,		Cobalt, water,		Copper, water,		Iron, water,		Lead, water, filtered, µg/L (01049)
		filtered, µg/L (01030)	unfiltered, recoverable, µg/L (01034)	filtered, µg/L (01035)	unfiltered, recoverable, µg/L (01037)	filtered, µg/L (01040)	unfiltered, recoverable, µg/L (01042)	filtered, µg/L (01046)	unfiltered, recoverable, µg/L (01045)	
10-17-2011	1755	< .07	< .30	0.064	< .20	< .80	< 7.0	8.0	28.5	0.051
12-14-2011	1345	.11	< .30	.036	< .02	< .80	< .70	9.3	11.2	< .025
05-17-2012	1403	.17	< .30	.174	.16	< .80	< .70	33.6	455	.050
06-13-2012	1132	.14	< .30	.106	.08	1.1	< .70	14.9	80.8	.105
08-28-2012	1116	< .07	< .30	.159	< .02	< .80	< .70	4.4	19.9	.043

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

Part 5 of 7

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Date	Sample start time	Lead, water,		Lithium, water,		Manga-nese, water,		Mercury, water,		Molyb-denum, water,	
		unfiltered, recoverable, µg/L (01051)	filtered, µg/L (01130)	unfiltered, recoverabl e, microgram s per liter (01132)	Manga-nese, filtered, µg/L (01056)	unfiltered, recover- able, µg/L (01055)	Mercury, filtered, µg/L (71890)	unfiltered, recover- able, µg/L (71900)	filtered, µg/L (01060)	unfiltered, recover- able, µg/L (01062)	
10-17-2011	1755	< .40	0.48	< 1.50	0.91	< 4.0	< .005	< .005	0.925	0.93	
12-14-2011	1345	< .04	.56	.52	.36	1.0	--	--	1.11	.98	
05-17-2012	1403	1.94	.37	.94	1.67	27.8	--	--	.704	.71	
06-13-2012	1132	.17	.38	.41	1.80	5.0	--	.008	.631	.64	
08-28-2012	1116	< .04	.55	.52	1.10	2.1	--	--	.956	.95	

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

**WATER-QUALITY DATA**  
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Part 6 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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	Nickel, water, filtered, µg/L (01065)	Nickel, water, unfiltered, recoverable, µg/L (01067)	Strontium, water, filtered, µg/L (01080)	Strontium, water, unfiltered, recoverable, micrograms per liter (01082)	Vanadium, water, filtered, µg/L (01085)	Vanadium, water, unfiltered, micrograms per liter (01087)	Zinc, water, filtered, µg/L (01090)	Zinc, water, unfiltered, recoverable, µg/L (01092)	Antimony, water, filtered, µg/L (01095)
10-17-2011	1755	< .09	< 1.9	78.4	72.5	0.16	< .6	< 1.4	< 30.0	1.06
12-14-2011	1345	< .09	< .19	81.5	77.0	.16	< .6	< 1.4	< 3.0	1.44
05-17-2012	1403	.17	.25	40.3	39.6	.18	.9	< 1.4	< 3.0	.563
06-13-2012	1132	.18	< .19	47.8	45.6	.21	< .6	17.4	16.8	.553
08-28-2012	1116	.10	< .19	76.7	74.6	.18	< .6	< 1.4	< 3.0	1.04

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

Part 7 of 7

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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	Antimony, water, unfiltered, µg/L (01097)	Arsenic, water, filtered, µg/L (01000)	Arsenic, water, unfiltered, µg/L (01002)	Uranium (natural), water, filtered, µg/L (22703)	Uranium (natural), water, unfiltered, micrograms per liter (28011)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concentration, mg/L (80154)
10-17-2011	1755	< 1.80	10.9	10.2	0.454	0.462	56	2
12-14-2011	1345	1.18	12.2	11.9	.630	.604	42	1
05-17-2012	1403	.63	4.8	6.4	.264	.871	25	29
06-13-2012	1132	.57	5.3	5.3	.236	.383	34	7
08-28-2012	1116	.97	12.5	11.9	.472	.497	33	1

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	7.9	4.1	6.0
21	---	---	---	---	---	---	---	---	---	8.1	3.8	5.9
22	---	---	---	---	---	---	---	---	---	8.2	3.9	6.0
23	---	---	---	---	---	---	---	---	---	8.7	4.5	6.4
24	---	---	---	---	---	---	---	---	---	8.7	4.4	6.5
25	---	---	---	---	---	---	---	---	---	8.2	5.0	6.6
26	---	---	---	---	---	---	---	---	---	8.0	4.8	6.4
27	---	---	---	---	---	---	---	---	---	8.6	4.5	6.4
28	---	---	---	---	---	---	---	---	---	8.2	4.7	6.3
29	---	---	---	---	---	---	---	---	---	8.1	3.9	5.9
30	---	---	---	---	---	---	---	---	---	8.9	5.1	6.8
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, 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
	October			November			December			January		
1	8.5	5.8	7.1	---	---	---	---	---	---	---	---	---
2	8.4	6.1	7.1	---	---	---	---	---	---	---	---	---
3	7.8	5.0	6.4	---	---	---	---	---	---	---	---	---
4	6.8	5.4	6.2	---	---	---	---	---	---	---	---	---
5	5.5	4.8	5.2	---	---	---	---	---	---	---	---	---
6	4.8	3.5	3.9	---	---	---	---	---	---	---	---	---
7	4.3	3.5	3.8	---	---	---	---	---	---	---	---	---
8	5.3	3.4	4.0	---	---	---	---	---	---	---	---	---
9	4.7	2.0	3.4	---	---	---	---	---	---	---	---	---
10	4.3	2.7	3.6	---	---	---	---	---	---	---	---	---
11	4.5	3.3	3.9	---	---	---	---	---	---	---	---	---
12	4.7	2.5	3.5	---	---	---	---	---	---	---	---	---
13	4.9	2.5	3.7	---	---	---	---	---	---	---	---	---
14	6.2	4.1	5.0	---	---	---	---	---	---	---	---	---
15	6.7	4.6	5.5	---	---	---	---	---	---	---	---	---
16	5.8	4.2	5.1	---	---	---	---	---	---	---	---	---
17	---	2.3	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, 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	---	---	---	---	---	---	---	---	---	4.1	1.4	2.4
2	---	---	---	---	---	---	---	---	---	3.8	1.5	2.3
3	---	---	---	---	---	---	---	---	---	3.5	1.9	2.4
4	---	---	---	---	---	---	---	---	---	3.2	1.7	2.2
5	---	---	---	---	---	---	---	---	---	2.8	0.9	1.8
6	---	---	---	---	---	---	---	---	---	4.6	0.3	2.1
7	---	---	---	---	---	---	---	---	---	5.4	0.8	2.7
8	---	---	---	---	---	---	---	---	---	5.9	1.5	3.1
9	---	---	---	---	---	---	---	---	---	5.6	1.9	3.3
10	---	---	---	---	---	---	---	---	---	4.6	2.0	3.0
11	---	---	---	---	---	---	---	---	---	4.9	1.1	2.7
12	---	---	---	---	---	---	---	---	---	5.4	1.4	3.0
13	---	---	---	---	---	---	---	---	---	5.8	1.8	3.3
14	---	---	---	---	---	---	---	---	---	5.9	2.2	3.5
15	---	---	---	---	---	---	---	---	---	5.3	2.5	3.6
16	---	---	---	---	---	---	---	---	---	5.7	2.6	3.7
17	---	---	---	---	---	---	---	---	---	3.9	2.7	3.3
18	---	---	---	---	---	---	---	---	---	5.1	2.5	3.4
19	---	---	---	---	---	---	---	---	---	5.9	2.0	3.5
20	---	---	---	---	---	---	---	---	---	5.5	2.8	3.9
21	---	---	---	---	---	---	---	---	---	5.9	3.1	4.2
22	---	---	---	---	---	---	---	---	---	4.3	2.8	3.6
23	---	---	---	---	---	---	---	---	---	4.3	2.4	3.1
24	---	---	---	---	---	---	---	---	---	4.8	2.3	3.1
25	---	---	---	---	---	---	---	---	---	4.0	2.5	3.1
26	---	---	---	---	---	---	---	---	---	3.8	2.6	3.1
27	---	---	---	---	---	---	---	---	---	3.2	2.0	2.6
28	---	---	---	---	---	---	---	---	---	5.3	2.1	3.6
29	---	---	---	---	---	---	4.2	1.8	2.6	7.2	2.8	4.5
30	---	---	---	---	---	---	3.1	1.8	2.4	7.4	3.3	5.0
31	---	---	---	---	---	---	---	---	---	7.1	3.3	4.9
Month	---	---	---	---	---	---	---	---	---	7.4	0.3	3.2

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, 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	7.8	3.5	5.2	11.1	6.9	8.7	12.8	7.2	9.8	10.3	6.8	8.3
2	7.3	4.0	5.1	12.0	5.9	8.7	12.2	6.6	9.2	9.4	4.3	6.8
3	6.8	3.8	5.1	11.6	7.3	9.0	12.0	6.5	9.0	9.5	4.1	6.7
4	8.2	4.1	5.7	11.3	4.8	7.8	12.2	6.1	9.0	9.5	4.4	6.8
5	5.5	3.0	3.9	11.3	6.2	8.5	13.0	7.0	9.8	9.6	4.4	6.9
6	4.7	2.7	3.5	12.0	6.4	8.9	13.3	8.8	10.5	8.9	5.0	7.0
7	6.3	2.1	4.0	11.4	6.7	9.1	11.9	7.7	9.9	9.7	4.8	7.1
8	6.4	3.5	4.6	11.9	7.2	9.5	11.5	8.0	9.7	9.7	4.8	7.1
9	4.8	2.8	3.7	11.6	7.2	9.3	13.2	7.8	10.3	10.3	5.8	7.7
10	4.8	2.9	3.8	13.1	7.5	10	11.8	8.2	9.9	9.4	5.6	7.4
11	7.7	2.6	4.9	12.5	7.8	10	12.7	7.1	9.7	7.8	4.0	5.8
12	6.9	3.5	5.3	12.8	7.6	10.1	12.4	6.9	9.5	7.4	2.5	4.9
13	8.3	3.9	5.8	10.1	8.1	9.2	12.7	7.0	9.6	8.2	2.8	5.3
14	8.5	3.0	5.4	10.7	7.4	9.1	12.1	6.5	9.3	8.6	3.6	6.0
15	9.3	4.0	6.2	11.9	8.3	9.7	12.5	6.6	9.4	9.1	4.2	6.5
16	9.0	3.9	6.2	9.9	7.6	8.9	12.6	7.1	9.7	8.2	4.8	6.4
17	10.2	5.0	7.2	11.6	7.0	9.2	12.7	7.0	9.7	8.2	3.8	5.9
18	6.9	4.3	5.7	13.0	7.2	9.8	12.0	7.3	9.5	8.5	3.9	6.1
19	5.5	3.1	4.4	12.4	7.7	9.9	11.5	7.8	9.6	8.6	4.2	6.3
20	8.9	2.9	5.6	12.3	8.2	10.0	11.9	9.1	10.3	8.3	4.1	6.1
21	10.1	4.2	6.9	13.0	7.2	9.9	11.4	7.7	9.5	8.4	4.3	6.3
22	10.5	5.9	7.9	12.9	7.4	10	12.1	7.3	9.5	8.5	4.4	6.5
23	10.8	5.3	7.8	12.9	8.2	10.2	11.6	6.1	8.7	8.8	6.7	7.7
24	11.4	5.5	8.2	12.4	6.5	9.3	10.6	5.6	8.0	8.7	6.7	7.7
25	11.5	6.0	8.5	11.0	6.6	8.7	10.3	4.3	7.2	9.0	6.4	7.7
26	8.4	5.4	6.9	13.0	7.1	9.7	10.3	5.8	8.0	8.8	5.4	7.1
27	9.8	3.6	6.4	12.1	8.3	10.1	12.0	7.6	9.5	8.4	4.5	6.4
28	10.3	4.7	7.4	13.1	7.7	10.2	11.9	6.9	9.2	7.5	4.6	6.1
29	10.3	5.4	7.6	12.7	7.8	10.2	10.7	6.0	8.3	8.4	4.8	6.5
30	11.7	5.5	8.3	13.6	7.7	10.4	10.2	4.8	7.5	8.0	4.6	6.3
31	---	---	---	13.3	7.3	10.1	9.6	5.5	7.7	---	---	---
<b>Month</b>	11.7	2.1	5.9	13.6	4.8	9.5	13.3	4.3	9.2	10.3	2.5	6.6

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	82	80	81	---	---	---	---	---	---	---	---	---
2	82	81	81	---	---	---	---	---	---	---	---	---
3	82	81	82	---	---	---	---	---	---	---	---	---
4	82	80	81	---	---	---	---	---	---	---	---	---
5	81	77	78	---	---	---	---	---	---	---	---	---
6	79	77	78	---	---	---	---	---	---	---	---	---
7	79	78	79	---	---	---	---	---	---	---	---	---
8	79	79	79	---	---	---	---	---	---	---	---	---
9	80	79	79	---	---	---	---	---	---	---	---	---
10	80	78	79	---	---	---	---	---	---	---	---	---
11	78	72	75	---	---	---	---	---	---	---	---	---
12	78	75	77	---	---	---	---	---	---	---	---	---
13	79	78	78	---	---	---	---	---	---	---	---	---
14	79	78	79	---	---	---	---	---	---	---	---	---
15	80	78	79	---	---	---	---	---	---	---	---	---
16	80	69	73	---	---	---	---	---	---	---	---	---
17	75	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	---	---	---	---	---	---	---	---	---	56	54	55
2	---	---	---	---	---	---	---	---	---	57	55	56
3	---	---	---	---	---	---	---	---	---	57	56	57
4	---	---	---	---	---	---	---	---	---	59	56	57
5	---	---	---	---	---	---	---	---	---	60	59	59
6	---	---	---	---	---	---	---	---	---	61	60	60
7	---	---	---	---	---	---	---	---	---	61	57	59
8	---	---	---	---	---	---	---	---	---	59	53	57
9	---	---	---	---	---	---	---	---	---	55	49	52
10	---	---	---	---	---	---	---	---	---	50	47	49
11	---	---	---	---	---	---	---	---	---	50	48	49
12	---	---	---	---	---	---	---	---	---	50	47	49
13	---	---	---	---	---	---	---	---	---	49	44	47
14	---	---	---	---	---	---	---	---	---	46	39	44
15	---	---	---	---	---	---	---	---	---	41	37	39
16	---	---	---	---	---	---	---	---	---	38	35	37
17	---	---	---	---	---	---	---	---	---	38	34	36
18	---	---	---	---	---	---	---	---	---	38	32	35
19	---	---	---	---	---	---	---	---	---	45	35	42
20	---	---	---	---	---	---	---	---	---	42	35	37
21	---	---	---	---	---	---	---	---	---	39	35	37
22	---	---	---	---	---	---	---	---	---	38	35	37
23	---	---	---	---	---	---	---	---	---	41	38	39
24	---	---	---	---	---	---	---	---	---	43	40	42
25	---	---	---	---	---	---	---	---	---	43	36	40
26	---	---	---	---	---	---	---	---	---	47	42	44
27	---	---	---	---	---	---	---	---	---	48	46	47
28	---	---	---	---	---	---	---	---	---	49	47	48
29	---	---	---	---	---	---	53	51	53	49	47	49
30	---	---	---	---	---	---	54	53	54	49	45	47
31	---	---	---	---	---	---	---	---	---	47	38	45
Month	---	---	---	---	---	---	---	---	---	61	32	47

## 13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	43	34	39	55	53	54	69	67	68	77	76	76
2	38	32	35	56	54	54	69	68	68	77	76	77
3	33	28	31	56	55	55	69	68	68	77	76	77
4	31	22	27	57	55	56	70	68	69	78	76	77
5	33	27	30	57	55	56	70	69	69	78	76	77
6	39	29	34	58	56	57	71	69	70	78	76	77
7	40	36	38	58	57	58	71	70	70	78	76	77
8	42	37	40	59	58	58	73	70	71	78	76	77
9	45	37	41	59	57	58	72	70	71	78	77	77
10	48	40	44	60	58	59	72	70	71	78	77	78
11	48	39	45	60	59	60	72	71	71	78	77	78
12	51	42	46	61	58	59	72	71	72	78	77	77
13	48	37	43	60	57	59	73	71	72	78	77	77
14	45	43	44	60	57	59	73	72	73	78	77	78
15	45	43	44	60	55	58	74	72	73	78	77	78
16	45	44	45	60	58	59	74	73	73	79	77	78
17	45	44	45	61	59	60	74	73	74	78	77	78
18	45	44	45	62	60	61	74	73	73	79	77	78
19	46	45	45	63	61	62	75	73	74	79	77	78
20	47	46	46	63	62	62	75	74	74	79	78	78
21	48	46	47	64	62	63	75	74	74	79	78	79
22	48	47	48	65	63	64	75	74	74	79	78	79
23	49	48	48	65	64	64	75	74	75	80	78	79
24	50	49	49	65	64	64	75	74	75	80	78	80
25	51	49	50	65	64	65	75	74	74	80	79	80
26	51	49	50	67	65	65	75	74	75	80	79	80
27	52	50	51	67	66	66	77	75	75	80	79	80
28	52	51	52	67	66	67	77	75	76	80	79	79
29	53	52	52	68	66	67	77	75	76	80	79	80
30	54	53	53	68	67	67	77	75	76	80	79	80
31	---	---	---	68	67	68	77	75	76	---	---	---
Month	54	22	44	68	53	61	77	67	73	80	76	78

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	8.1	8.0	8.0	---	---	---	---	---	---	---	---	---
2	8.1	8.0	8.0	---	---	---	---	---	---	---	---	---
3	8.1	8.0	8.0	---	---	---	---	---	---	---	---	---
4	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
5	8.0	8.0	8.0	---	---	---	---	---	---	---	---	---
6	8.0	8.0	8.0	---	---	---	---	---	---	---	---	---
7	8.0	8.0	8.0	---	---	---	---	---	---	---	---	---
8	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
9	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
10	8.0	8.0	8.0	---	---	---	---	---	---	---	---	---
11	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
12	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
13	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
14	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
15	8.1	7.9	8.0	---	---	---	---	---	---	---	---	---
16	8.0	7.9	8.0	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
2	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
3	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
4	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
5	---	---	---	---	---	---	---	---	---	7.7	7.7	7.7
6	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
7	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
8	---	---	---	---	---	---	---	---	---	7.8	7.6	7.7
9	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
10	---	---	---	---	---	---	---	---	---	7.6	7.6	7.6
11	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
12	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
13	---	---	---	---	---	---	---	---	---	7.6	7.5	7.6
14	---	---	---	---	---	---	---	---	---	7.6	7.5	7.6
15	---	---	---	---	---	---	---	---	---	7.6	7.5	7.5
16	---	---	---	---	---	---	---	---	---	7.6	7.4	7.5
17	---	---	---	---	---	---	---	---	---	7.6	7.4	7.5
18	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
19	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
20	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
21	---	---	---	---	---	---	---	---	---	7.7	7.6	7.6
22	---	---	---	---	---	---	---	---	---	7.6	7.6	7.6
23	---	---	---	---	---	---	---	---	---	7.6	7.6	7.6
24	---	---	---	---	---	---	---	---	---	7.7	7.6	7.7
25	---	---	---	---	---	---	---	---	---	7.7	7.6	7.7
26	---	---	---	---	---	---	---	---	---	7.7	7.7	7.7
27	---	---	---	---	---	---	---	---	---	7.8	7.6	7.7
28	---	---	---	---	---	---	---	---	---	7.8	7.6	7.7
29	---	---	---	---	---	---	7.8	7.7	7.8	7.8	7.7	7.7
30	---	---	---	---	---	---	7.8	7.7	7.8	7.8	7.7	7.7
31	---	---	---	---	---	---	---	---	---	7.8	7.6	7.7
<b>Max</b>	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
<b>Min</b>	---	---	---	---	---	---	---	---	---	7.6	7.4	7.5

13310800 EAST FORK OF SOUTH FORK SALMON RIVER ABOVE MEADOW CREEK NEAR STIBNITE, ID—Continued

**pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.7	7.6	7.7	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	8.0
2	7.7	7.5	7.6	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
3	7.6	7.5	7.6	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
4	7.6	7.5	7.6	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
5	7.6	7.5	7.6	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
6	7.6	7.6	7.6	7.8	7.7	7.8	8.0	7.9	7.9	8.1	7.9	7.9
7	7.7	7.6	7.7	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
8	7.7	7.7	7.7	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
9	7.7	7.7	7.7	7.8	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
10	7.8	7.7	7.7	7.9	7.7	7.8	8.0	7.9	7.9	8.0	7.9	8.0
11	7.8	7.7	7.7	7.9	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
12	7.8	7.7	7.7	7.9	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
13	7.8	7.6	7.7	7.9	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
14	7.8	7.7	7.7	7.9	7.7	7.8	8.0	7.9	7.9	8.0	7.9	7.9
15	7.8	7.7	7.7	7.9	7.7	7.8	8.1	7.9	7.9	8.0	7.9	7.9
16	7.8	7.7	7.7	7.9	7.8	7.8	8.1	7.9	7.9	8.0	7.9	7.9
17	7.8	7.7	7.8	7.9	7.8	7.8	8.1	7.9	8.0	8.0	7.8	7.9
18	7.8	7.7	7.8	7.9	7.8	7.8	8.1	7.9	8.0	7.9	7.8	7.8
19	7.8	7.7	7.8	7.9	7.8	7.8	8.0	7.9	8.0	7.9	7.8	7.8
20	7.8	7.7	7.8	7.9	7.8	7.8	8.1	7.9	8.0	8.0	7.8	7.8
21	7.8	7.7	7.8	8.0	7.8	7.8	8.0	7.9	8.0	7.9	7.8	7.8
22	7.8	7.7	7.8	8.0	7.8	7.8	8.1	7.9	8.0	7.9	7.8	7.8
23	7.9	7.7	7.8	8.0	7.8	7.9	8.1	7.9	8.0	7.9	7.8	7.8
24	7.9	7.6	7.7	8.0	7.8	7.9	8.1	7.9	8.0	7.9	7.8	7.8
25	7.8	7.7	7.7	8.0	7.8	7.9	8.1	7.9	8.0	8.0	7.8	7.8
26	7.8	7.7	7.7	8.0	7.8	7.9	8.1	7.9	8.0	7.9	7.8	7.8
27	7.8	7.7	7.7	8.0	7.8	7.9	8.1	7.9	8.0	7.9	7.8	7.8
28	7.8	7.7	7.7	8.0	7.8	7.9	8.0	7.9	7.9	7.9	7.8	7.8
29	7.8	7.7	7.7	8.0	7.8	7.9	8.1	7.9	7.9	7.9	7.8	7.8
30	7.8	7.7	7.7	8.0	7.8	7.9	8.0	7.9	7.9	7.9	7.8	7.8
31	---	---	---	8.0	7.8	7.9	8.1	7.9	7.9	---	---	---
<b>Max</b>	7.9	7.7	7.8	8.0	7.8	7.9	8.1	7.9	8.0	8.1	7.9	8.0
<b>Min</b>	7.6	7.5	7.6	7.8	7.7	7.8	8.0	7.9	7.9	7.9	7.8	7.8