



Water-Data Report 2012

12413130 NINEMILE CREEK ABOVE MOUTH AT WALLACE, ID

Spokane Basin
South Fork Coeur D'Alene Subbasin

LOCATION.--Lat 47°28'46", long 115°55'10" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.27, T.48 N., R.4 E., Shoshone County, ID, Hydrologic Unit 17010302, 0.5 mi upstream from mouth at South Fork Coeur d'Alene River, and 0.55 mi northeast of Wallace Post Office.

DRAINAGE AREA.--11.6 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1998 to September 2003, October 2007 to current year. Miscellaneous measurements 2004-07.

GAGE.--Water-stage recorder. Elevation of gage is 2,790 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No regulation or diversion.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 264 ft³/s May 18, 2008; minimum daily, 1.5 ft³/s Dec. 7, 2009.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 208 ft³/s Apr. 24; minimum daily, 2.9 ft³/s Dec. 23.

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

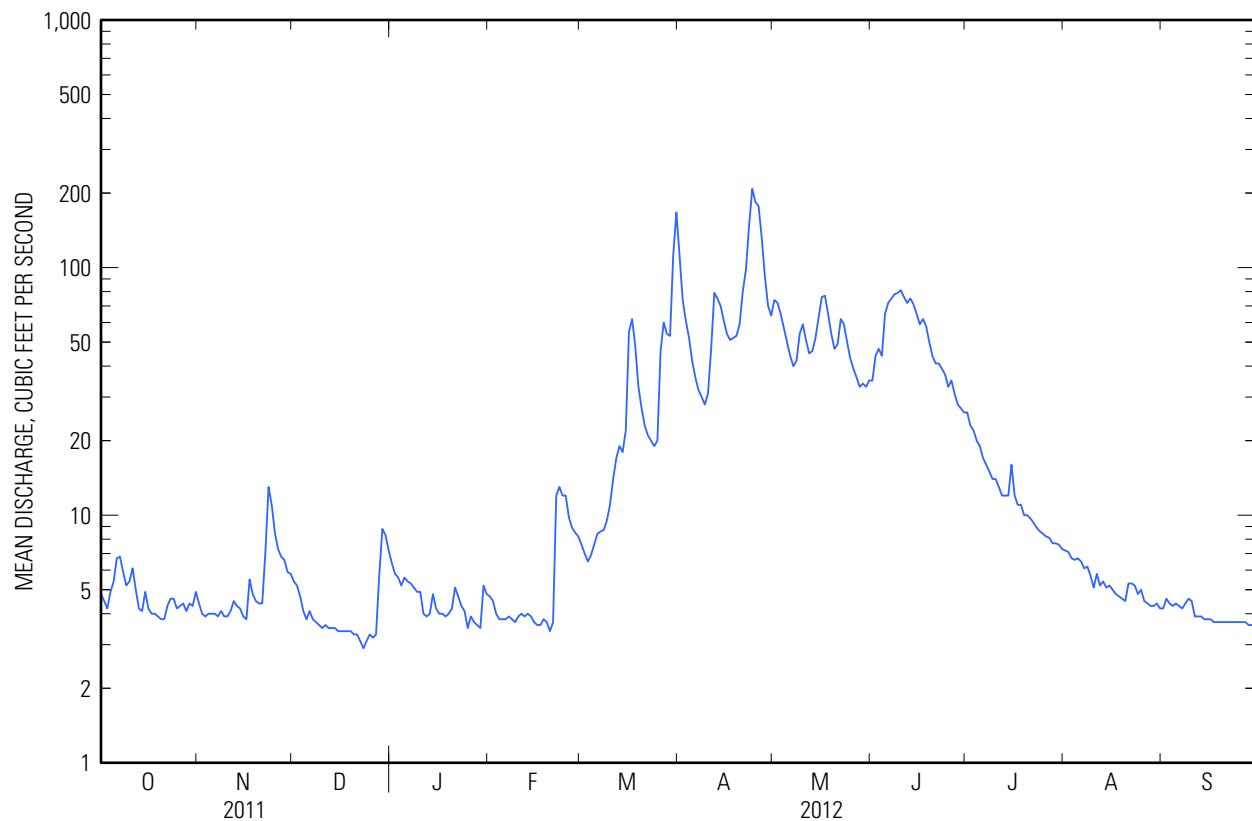
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.8	4.4	5.4	6.4	4.7	7.6	112	74	35	26	7.2	4.2
2	4.5	4.0	5.2	5.8	4.5	7.0	74	72	44	23	7.1	4.6
3	4.2	3.9	e4.7	5.6	4.0	6.5	61	65	47	22	6.7	4.4
4	4.9	4.0	e4.1	5.2	e3.8	6.9	52	57	44	20	6.6	4.3
5	5.4	4.0	e3.8	5.6	e3.8	7.6	42	50	65	19	6.7	4.4
6	6.7	4.0	4.1	5.4	e3.8	8.4	36	44	72	17	6.5	4.3
7	6.8	3.9	e3.8	5.3	3.9	e8.6	32	40	75	16	6.1	4.2
8	5.9	4.1	e3.7	5.1	e3.8	8.7	30	42	78	15	6.2	4.4
9	5.2	3.9	e3.6	4.9	3.7	9.5	28	54	79	14	5.7	4.6
10	5.4	3.9	e3.5	4.9	3.9	11	31	59	81	14	5.1	4.5
11	6.1	4.1	e3.6	e4.0	4.0	14	47	51	76	13	5.8	3.9
12	5.0	4.5	3.5	e3.9	3.9	17	79	45	72	12	5.2	3.9
13	4.2	4.3	3.5	e4.0	4.0	19	75	46	75	12	5.4	3.9
14	4.1	4.2	3.5	e4.8	3.9	18	70	52	71	12	5.1	3.8
15	4.9	e3.9	3.4	e4.2	3.7	22	61	63	65	16	5.2	3.8
16	4.2	e3.8	3.4	e4.0	e3.6	55	54	76	59	12	5.0	3.8
17	4.0	5.5	3.4	e4.0	3.6	62	51	77	62	11	4.8	3.7
18	4.0	4.8	3.4	e3.9	3.8	48	52	65	58	11	4.7	3.7
19	3.9	4.5	3.4	e4.0	3.7	33	53	54	50	10	4.6	3.7
20	3.8	4.4	3.3	e4.2	3.4	27	59	47	44	10	4.5	3.7
21	3.8	4.4	3.3	e5.1	3.7	23	80	49	41	9.7	5.3	3.7
22	4.3	7.1	e3.1	e4.7	12	21	98	62	41	9.3	5.3	3.7
23	4.6	13	e2.9	e4.3	13	20	148	59	39	8.9	5.2	3.7
24	4.6	11	e3.1	e4.1	12	19	208	50	37	8.6	4.8	3.7
25	4.2	8.5	3.3	3.5	12	20	184	43	33	8.4	5.0	3.7
26	4.3	7.3	3.2	e3.9	9.8	46	177	39	35	8.2	4.5	3.7
27	4.4	6.8	3.3	e3.7	8.9	60	132	36	31	8.1	4.4	3.7
28	4.1	6.6	5.7	e3.6	e8.5	54	92	33	28	7.7	4.3	3.6
29	4.4	5.9	8.8	3.5	8.2	53	70	34	27	7.7	4.3	3.6
30	4.3	5.8	8.3	5.2	---	112	64	33	26	7.6	4.4	3.6
31	4.9	---	7.2	4.8	---	167	---	35	---	7.3	4.2	---
Total	145.9	160.5	128.5	141.6	165.6	991.8	2,352	1,606	1,590	396.5	165.9	118.5
Mean	4.71	5.35	4.15	4.57	5.71	32.0	78.4	51.8	53.0	12.8	5.35	3.95
Max	6.8	13	8.8	6.4	13	167	208	77	81	26	7.2	4.6
Min	3.8	3.8	2.9	3.5	3.4	6.5	28	33	26	7.3	4.2	3.6
Ac-ft	289	318	255	281	328	1,970	4,670	3,190	3,150	786	329	235

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	3.85	4.87	5.28	7.14	7.51	18.7	43.0	58.9	38.0	12.1	5.31	3.85
Max	5.90	7.58	11.3	18.6	13.2	34.3	78.4	103	65.8	24.6	7.07	4.96
(WY)	(2008)	(2000)	(2000)	(2011)	(2011)	(1999)	(2012)	(2008)	(2011)	(2011)	(2011)	(2011)
Min	2.75	3.29	2.57	2.62	2.49	5.36	14.9	27.5	16.2	6.03	3.98	2.73
(WY)	(2003)	(2001)	(2010)	(2001)	(2001)	(2010)	(2001)	(2010)	(2001)	(2003)	(2001)	(2001)

12413130 NINEMILE CREEK ABOVE MOUTH AT WALLACE, ID—Continued**SUMMARY STATISTICS**

	Calendar Year 2011	Water Year 2012	Water Years 1999 - 2012	
Annual total	9,198.3	7,962.8		
Annual mean	25.2	21.8	17.4	
Highest annual mean			25.2	2011
Lowest annual mean			7.96	2001
Highest daily mean	210	May 16	208	Apr 24
Lowest daily mean	2.9	Dec 23	2.9	Dec 23
Annual seven-day minimum	3.2	Dec 20	3.2	Dec 20
Annual runoff (ac-ft)	18,240		15,790	12,590
10 percent exceeds	68		62	49
50 percent exceeds	11		6.0	6.7
90 percent exceeds	4.0		3.7	3.0



12413130 NINEMILE CREEK ABOVE MOUTH AT WALLACE, ID—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--July to October 1972, October 1998 to March 2000, October 2003, October 2004, October 2005, October 2006, October 2007 to current year.

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

Part 1 of 3

[CaCO₃, 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	Temper-	Discharge,	pH,	Specific	Magnesi-	Ammonia,			
		ture, air, °C (00020)	instanta- neous, ft ³ /s (00061)	unfiltered, field, standard units (00400)	water, µS/cm at 25°C (00095)					
10-12-2011	1310	6.0	4.5	7.8	134	9.0	57.8	16.5	4.04	<.010
02-23-2012	1000	.0	--	7.6	146	2.0	61.6	17.2	4.53	<.010
04-25-2012	1450	24.5	--	7.6	62	7.7	23.5	6.40	1.84	<.010
06-25-2012	1000	20.0	--	7.4	70	9.3	28.6	7.79	2.23	<.010

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

Part 2 of 3

[CaCO₃, 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	Orthophos-	Phos-	Total	Cadmium, water, filtered, µg/L (01025)	Cadmium, water, unfiltered, µg/L (01027)	Iron, water, filtered, µg/L (01046)	
		plus nitrite, water, filtered, mg/L as N (00631)	phate, water, filtered, mg/L as P (00671)	phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)				
10-12-2011	1310	<.008	<.004	<.004	<.004	<.05	16.5	15.7	8.3
02-23-2012	1000	.166	.005	<.004	.009	.22	16.6	14.5	9.9
04-25-2012	1450	.131	.008	.008	.055	.17	7.34	8.97	16.6
06-25-2012	1000	.010	.005	.005	.006	<.05	6.62	6.48	4.6

12413130 NINEMILE CREEK ABOVE MOUTH AT WALLACE, ID—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 3 of 3

[CaCO₃, 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, unfiltered, recoverable, µg/L (01049)		Manganese, water, unfiltered, recoverable, µg/L (01051)		Manganese, water, unfiltered, recoverable, µg/L (01056)		Zinc, water, filtered, recoverable, µg/L (01055)		Zinc, water, unfiltered, recoverable, µg/L (01090)		Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)		Suspended sediment concentration, mg/L (80154)
		unfiltered, µg/L (01045)	recoverable, µg/L (01049)	unfiltered, µg/L (01049)	recoverable, µg/L (01051)	unfiltered, µg/L (01051)	recoverable, µg/L (01056)	unfiltered, µg/L (01056)	recoverable, µg/L (01055)	unfiltered, µg/L (01090)	recoverable, µg/L (01092)	unfiltered, µg/L (01092)	recoverable, µg/L (01092)	mm (70331)	mg/L (80154)	
10-12-2011	1310	28.2	19.6	28.2	21.5	20.7	2,720	2,410	44	44	1	1	1	1		
02-23-2012	1000	81.7	20.7	57.6	19.8	22.0	2,520	2,480	55	55	3	3	3	3		
04-25-2012	1450	1,700	15.8	651	21.0	194	1,180	1,510	44	44	86	86	86	86		
06-25-2012	1000	20.9	16.8	28.6	11.1	11.4	673	944	71	71	2	2	2	2		