

13341050 CLEARWATER RIVER NEAR PECK, ID

Clearwater Basin
Clearwater Subbasin

LOCATION.--Lat 46°30'01", long 116°23'33" referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.1, T.36 N., R.1 W., Nez Perce County, ID, Hydrologic Unit 17060306, Southwick quad., on left bank 5 mi downstream from Dworshak Dam, 2 mi upstream from Big Canyon Creek, 2.2 mi northeast of Peck, 3 mi downstream from North Fork Clearwater River, and at mile 37.4.

DRAINAGE AREA.--7,976 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1964 to current year.

REVISED RECORDS.--WDR-US-2010: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 930 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Station equipment includes satellite telemetry. Flow regulated by Dworshak Reservoir (station 13340950) 5.1 mi upstream beginning September 1971.

EXTREMES FOR PERIOD OF RECORD.--

UNREGULATED PERIOD (1965-71): Maximum discharge prior to regulation by Dworshak Reservoir, 107,000 ft³/s May 13, 1971, maximum gage height, 25.00 ft, Dec. 28, 1967, result of ice jam; minimum, 1,630 ft³/s Nov. 30, 1969, gage height, 2.70 ft.

REGULATED PERIOD (1972 to current year): Maximum discharge since regulation began, 127,000 ft³/s June 16, 1974, gage height, 23.66 ft; minimum, 1,260 ft³/s Oct. 31, 1971, gage height, 2.24 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 8, 1964, reached a stage of 23.95 ft, from floodmark, discharge, 118,000 ft³/s, from rating extended above 89,100 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 82,500 ft³/s June 8, gage height, 18.68 ft; minimum daily, 2,860 ft³/s Oct. 4.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,960	4,220	4,150	4,020	17,200	15,700	52,300	21,700	39,800	47,300	18,400	15,500
2	2,930	4,210	4,210	3,470	15,800	15,700	58,200	20,900	48,200	42,500	18,300	15,400
3	2,900	4,160	4,390	3,850	15,600	16,600	56,000	19,900	54,100	42,300	18,200	15,600
4	2,860	4,410	4,260	4,590	16,900	18,500	47,400	20,200	48,700	44,900	17,800	14,400
5	3,040	4,330	3,960	4,990	18,200	18,200	51,800	20,200	48,300	44,700	17,400	12,400
6	3,200	4,190	3,710	4,920	17,900	18,700	49,500	21,300	52,900	43,400	17,200	12,400
7	3,270	4,290	4,020	4,880	17,300	18,500	45,000	23,700	68,900	41,300	16,800	12,400
8	3,350	4,870	4,150	5,210	17,400	18,200	43,100	24,900	74,700	40,100	16,800	12,300
9	3,360	5,250	4,340	5,170	17,000	17,900	40,900	26,000	65,300	37,600	16,600	12,300
10	3,280	4,860	4,640	4,810	16,700	19,200	39,200	26,000	56,600	31,900	16,300	10,100
11	3,400	4,520	4,810	6,680	16,500	20,600	37,800	26,000	48,900	29,200	16,100	9,970
12	4,230	4,340	4,850	6,420	16,400	20,200	37,800	29,600	49,800	28,800	16,300	9,930
13	3,880	4,260	7,890	7,070	16,500	19,900	32,100	34,100	54,200	30,000	16,100	8,410
14	3,560	4,220	12,000	9,470	16,800	21,100	32,400	43,000	53,500	30,600	15,900	7,510
15	3,370	4,770	10,500	12,100	17,100	21,700	22,300	60,700	54,000	29,100	15,800	6,410
16	3,260	6,050	8,470	16,400	18,400	23,100	16,800	69,500	48,600	27,100	15,600	6,340
17	3,190	7,490	7,020	34,200	19,000	23,700	20,700	55,200	44,400	26,600	15,600	6,450
18	3,110	6,100	5,660	38,500	18,700	23,000	21,500	44,700	36,700	25,600	15,900	4,340
19	3,060	5,560	5,540	30,500	13,500	23,600	20,100	40,400	40,000	24,900	15,800	4,060
20	3,030	4,990	6,020	27,900	13,100	23,300	21,300	40,600	46,600	25,400	15,700	4,050
21	3,020	4,730	5,680	25,500	13,500	21,200	24,700	40,400	49,600	24,400	15,600	3,320
22	3,000	4,520	4,980	26,900	12,800	23,800	24,400	46,700	54,400	22,800	15,600	3,290
23	2,990	4,420	4,980	25,000	12,500	23,500	23,600	47,300	61,000	22,400	15,600	3,240
24	3,030	3,930	5,050	23,200	11,800	23,900	22,900	54,600	60,700	21,400	15,700	3,200
25	3,400	3,320	4,870	23,900	11,500	24,200	23,200	57,900	52,300	20,600	15,800	3,070
26	4,400	3,370	4,680	23,800	9,630	22,300	24,200	63,200	47,700	20,300	15,500	2,990
27	4,190	4,380	4,730	20,100	9,780	22,200	23,900	59,500	44,700	20,000	15,300	2,920
28	4,350	4,600	4,880	19,400	13,800	22,200	24,400	46,100	44,700	19,500	15,000	2,920
29	3,680	4,470	5,610	18,900	---	21,800	24,500	39,800	47,600	19,200	15,000	2,900
30	3,650	4,100	5,500	18,700	---	23,700	22,200	40,500	52,000	18,700	15,200	2,910
31	3,890	---	5,000	18,200	---	36,100	---	38,700	---	18,600	15,300	---
Total	104,840	138,930	170,550	478,750	431,310	662,300	984,200	1,203,300	1,548,900	921,200	502,200	231,030
Mean	3,382	4,631	5,502	15,440	15,400	21,360	32,810	38,820	51,630	29,720	16,200	7,701
Max	4,400	7,490	12,000	38,500	19,000	36,100	58,200	69,500	74,700	47,300	18,400	15,600
Min	2,860	3,320	3,710	3,470	9,630	15,700	16,800	19,900	36,700	18,600	15,000	2,900
Ac-ft	208,000	275,600	338,300	949,600	855,500	1,314,000	1,952,000	2,387,000	3,072,000	1,827,000	996,100	458,200

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1971, BY WATER YEAR (WY) (UNREGULATED)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,796	6,642	7,898	10,520	12,710	12,550	26,050	49,610	40,830	10,530	3,812	3,799
Max	8,818	12,510	18,720	16,090	21,110	17,630	41,330	72,930	54,520	15,670	5,024	7,201
(WY)	(1969)	(1969)	(1965)	(1969)	(1971)	(1968)	(1965)	(1971)	(1971)	(1971)	(1965)	(1968)
Min	2,887	3,365	4,174	4,770	3,779	10,220	14,200	36,430	21,890	6,351	2,704	2,219
(WY)	(1967)	(1970)	(1966)	(1966)	(1966)	(1967)	(1970)	(1968)	(1966)	(1966)	(1966)	(1966)

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SUMMARY STATISTICS

Water Years 1965 -1971			
Annual mean	^a 1,5800		
Highest annual mean	1,9980	1971	
Lowest annual mean	1,0840	1966	
Highest daily mean	10,3000	May 13	1971
Lowest daily mean	1860	Sep 29	1967
Annual seven-day minimum	1920	Sep 24	1967
Annual runoff (ac-ft)	1,144,0000		
10 percent exceeds	4,2500		
50 percent exceeds	8540		
90 percent exceeds	3140		

^a Statistics 1965-1971 are prior to regulation by Dworshak Reservoir.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2011, BY WATER YEAR (WY)

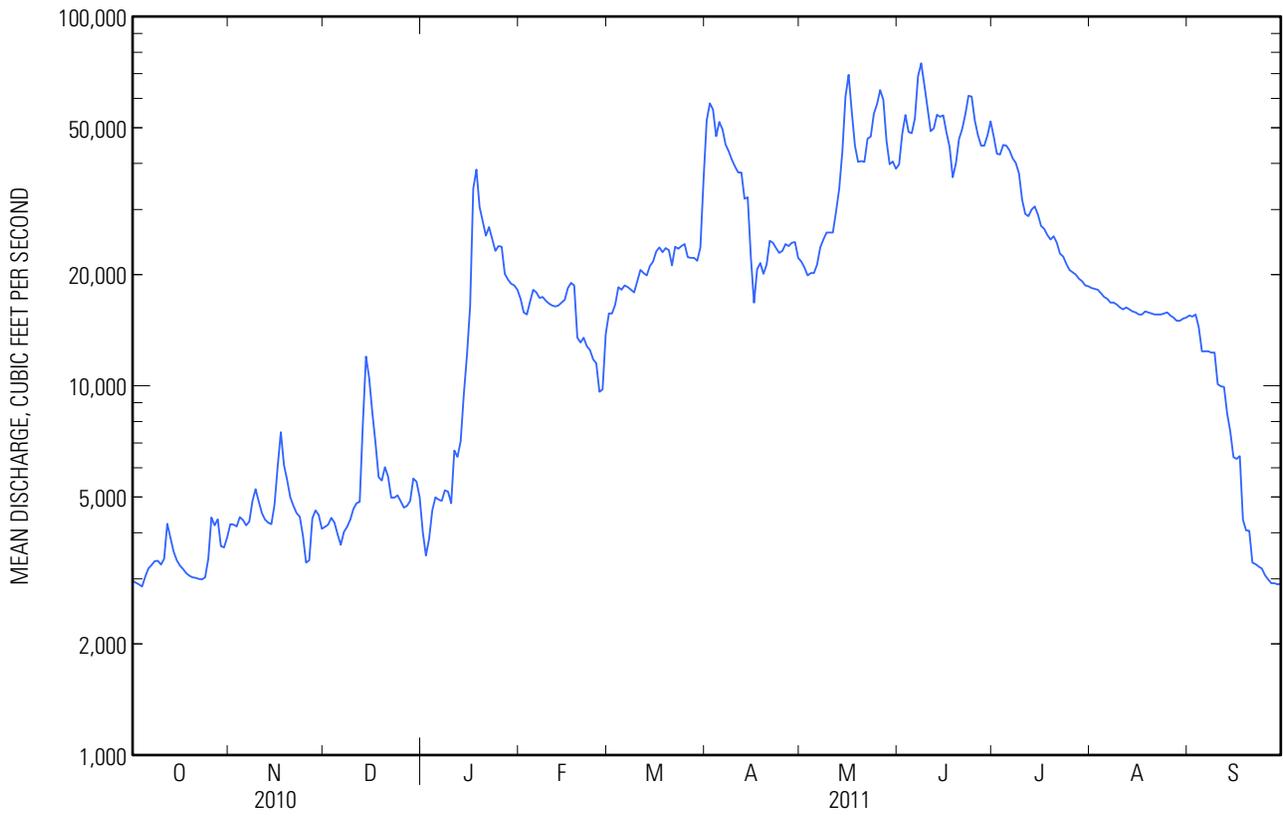
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,082	6,425	8,046	8,983	10,000	14,320	21,970	35,070	31,600	14,650	8,991	6,876
Max	8,253	20,750	26,370	22,670	32,460	33,820	37,740	64,110	70,340	29,720	18,900	11,550
(WY)	(1976)	(1996)	(1976)	(1974)	(1996)	(1986)	(1997)	(1972)	(1974)	(2011)	(1997)	(1989)
Min	1,680	2,134	2,214	2,971	3,295	4,482	7,476	19,490	8,646	4,892	2,996	2,588
(WY)	(1972)	(1972)	(1972)	(1987)	(1973)	(2010)	(1973)	(1977)	(1987)	(1987)	(1994)	(1994)

SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1972 - 2011	
Annual total	3,932,120		^b 7,377,510			
Annual mean	10,770		20,210		14,260	
Highest annual mean					23,480	
Lowest annual mean					7,676	
Highest daily mean	63,300		Jun 5	74,700	Jun 8	119,000
Lowest daily mean	2,860		Oct 4	2,860	Oct 4	1,330
Annual seven-day minimum	2,950		Sep 28	2,990	Sep 24	1,460
Annual runoff (ac-ft)	7,799,000		14,630,000		10,330,000	
10 percent exceeds	22,700		47,300		32,900	
50 percent exceeds	5,250		16,800		9,880	
90 percent exceeds	3,370		3,610		3,370	

^b Regulated by Dworshak Reservoir.

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13341050 CLEARWATER RIVER NEAR PECK, ID—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1965 to 1984, October 1985 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1964 to September 1984, October 1985 to current year.

TOTAL DISSOLVED GAS: April 2009 to current year (seasonal record only).

INSTRUMENTATION.--Temperature recorder since October 1964. Total dissolved gas monitor with a 1-hour logging interval since April 2009.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.0 °C Aug. 1-2, 1965; minimum, 0.0 °C many days during winter months.

TOTAL DISSOLVED GAS: Maximum recorded, 113 percent saturation, Apr. 12, 13, 2011; minimum, 97 percent saturation, Apr. 1, Sept. 15, 16, 2009, but may have been higher or lower during periods of missing records.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 14.5 °C Oct. 1, July 25; minimum, 1.5 °C Dec. 31, Jan. 1, 11, Feb. 28.

TOTAL DISSOLVED GAS: Maximum recorded, 113 percent saturation, Apr. 12, 13; minimum, 98 percent saturation Sept. 20, 21, but may have been higher or lower during periods of missing records.

**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	14.5	13.0	14.0	9.0	8.5	8.5	4.0	3.5	4.0	2.0	1.5	1.5
2	14.0	13.0	14.0	9.0	8.5	9.0	4.0	3.5	4.0	3.0	2.0	2.5
3	14.0	13.5	14.0	9.5	8.5	9.0	3.5	3.5	3.5	3.0	2.5	2.5
4	14.0	13.0	13.5	9.5	8.5	9.0	3.5	3.0	3.5	2.5	2.0	2.5
5	13.5	12.5	13.0	9.0	8.5	9.0	4.0	3.0	3.5	2.5	2.0	2.0
6	13.5	12.5	13.0	9.0	8.5	9.0	4.0	3.5	4.0	2.5	2.0	2.5
7	13.5	12.5	13.0	9.0	8.5	8.5	4.0	3.5	4.0	2.5	2.5	2.5
8	13.5	12.5	13.0	8.5	8.0	8.0	4.0	3.5	4.0	2.5	2.0	2.5
9	13.5	12.5	13.0	8.0	7.5	7.5	4.0	4.0	4.0	2.5	2.0	2.0
10	13.5	12.5	13.0	8.0	7.5	7.5	4.0	4.0	4.0	2.5	2.0	2.0
11	13.5	12.5	13.0	7.5	7.5	7.5	4.0	3.5	4.0	3.5	1.5	3.0
12	12.5	12.0	12.0	7.5	7.0	7.5	4.5	4.0	4.5	4.0	2.5	3.5
13	12.0	10.5	11.5	7.5	7.0	7.0	4.5	3.5	4.0	4.0	3.0	3.5
14	11.5	10.5	11.0	7.5	7.0	7.0	3.5	3.5	3.5	3.5	2.0	3.0
15	11.0	10.5	11.0	7.5	7.0	7.0	3.5	3.5	3.5	3.0	2.5	3.0
16	10.5	9.5	10.0	7.0	6.5	7.0	3.5	3.0	3.5	3.0	3.0	3.0
17	10.0	9.5	10.0	6.5	6.0	6.5	3.5	2.5	3.0	3.0	2.5	3.0
18	10.0	9.0	9.5	6.5	6.5	6.5	2.5	2.0	2.5	3.5	2.5	3.0
19	10.0	8.5	9.5	6.5	5.5	6.0	2.5	2.0	2.5	4.0	3.5	3.5
20	10.0	8.5	9.0	5.5	5.5	5.5	2.5	2.0	2.0	4.0	3.5	3.5
21	10.0	8.5	9.5	5.5	5.0	5.5	2.5	2.0	2.5	3.5	3.5	3.5
22	10.0	9.0	9.5	5.5	4.5	5.0	2.5	2.0	2.0	3.5	3.0	3.5
23	9.5	9.0	9.5	4.5	3.0	4.0	3.0	2.5	2.5	4.0	3.5	4.0
24	9.5	9.5	9.5	3.5	2.5	3.0	2.5	2.5	2.5	4.5	4.0	4.0
25	9.5	9.0	9.0	4.0	3.0	3.5	2.5	2.0	2.5	4.5	4.0	4.5
26	9.0	8.5	9.0	5.0	4.0	4.5	3.0	2.5	2.5	4.5	4.5	4.5
27	9.0	8.5	8.5	4.5	3.5	4.0	3.0	2.5	3.0	4.5	4.5	4.5
28	9.5	8.5	9.0	3.5	3.0	3.5	3.0	3.0	3.0	4.5	4.5	4.5
29	9.0	8.5	9.0	4.0	3.5	3.5	3.0	2.5	3.0	4.5	4.5	4.5
30	9.0	8.5	8.5	3.5	3.0	3.5	2.5	2.0	2.5	4.5	4.5	4.5
31	9.0	8.5	9.0	---	---	---	2.0	1.5	2.0	4.5	3.5	4.0
Month	14.5	8.5	11.0	9.5	2.5	6.4	4.5	1.5	3.2	4.5	1.5	3.2

13341050 CLEARWATER RIVER NEAR PECK, 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	4.0	3.5	3.5	4.0	3.0	3.5	6.0	5.0	5.0	7.0	6.0	6.5
2	3.5	3.0	3.5	4.0	3.5	4.0	6.0	5.0	5.5	7.5	7.0	7.0
3	3.5	3.0	3.5	4.5	4.0	4.0	5.0	4.5	5.0	7.5	6.5	7.0
4	3.5	3.0	3.0	4.5	4.0	4.5	5.0	4.5	5.0	8.5	7.0	7.5
5	3.5	3.0	3.0	5.0	4.0	4.5	5.5	5.0	5.0	9.0	7.5	8.0
6	3.5	3.0	3.5	5.0	4.5	4.5	5.5	5.0	5.0	8.5	7.5	8.0
7	4.0	3.5	4.0	5.0	4.5	4.5	5.5	4.5	5.0	8.5	7.5	8.0
8	4.0	4.0	4.0	4.5	4.5	4.5	5.5	5.0	5.0	8.5	7.5	8.0
9	4.0	4.0	4.0	4.5	4.0	4.5	5.5	5.0	5.5	7.5	7.0	7.0
10	4.0	4.0	4.0	4.5	4.0	4.5	5.5	5.5	5.5	8.5	6.5	7.5
11	4.0	4.0	4.0	4.5	4.0	4.5	5.5	5.0	5.5	10.0	7.5	8.5
12	4.5	4.0	4.0	4.5	4.0	4.5	5.5	5.0	5.5	10.0	8.5	9.0
13	4.5	4.0	4.5	5.0	4.0	4.5	6.0	5.0	5.5	9.0	7.5	8.5
14	4.5	4.5	4.5	5.0	4.5	5.0	5.5	5.0	5.5	9.0	8.0	8.5
15	5.0	4.5	4.5	4.5	4.5	4.5	6.0	5.5	5.5	8.5	6.5	7.5
16	4.5	4.0	4.5	5.0	4.5	4.5	7.0	6.0	6.5	7.0	6.5	7.0
17	4.5	4.0	4.0	5.0	4.5	5.0	7.5	6.5	7.0	7.5	6.0	6.5
18	4.5	4.0	4.5	5.0	4.5	5.0	7.5	6.0	6.5	8.0	7.0	7.5
19	4.0	4.0	4.0	5.0	5.0	5.0	6.5	5.5	6.0	9.0	7.5	8.0
20	4.0	3.5	4.0	5.0	4.5	4.5	6.0	5.5	5.5	9.0	8.0	8.5
21	4.0	3.5	4.0	5.0	4.5	4.5	6.0	5.5	5.5	9.0	7.5	8.0
22	4.0	3.5	4.0	5.0	4.5	5.0	5.5	5.5	5.5	8.5	7.5	8.0
23	4.0	3.0	3.5	5.5	5.0	5.0	6.5	5.5	6.0	8.5	7.0	7.5
24	4.0	3.0	3.5	5.5	5.0	5.0	7.0	6.0	6.5	8.5	7.5	8.0
25	3.5	2.5	3.0	5.5	5.0	5.5	7.0	6.5	7.0	7.5	7.0	7.5
26	2.5	2.0	2.5	5.5	5.0	5.5	7.0	6.5	6.5	8.5	7.5	8.0
27	2.5	2.0	2.5	5.5	5.0	5.5	7.0	6.5	7.0	7.5	7.0	7.5
28	3.5	1.5	3.0	5.5	5.0	5.5	7.0	6.5	7.0	8.5	7.0	7.5
29	---	---	---	5.5	5.0	5.0	6.5	5.5	6.0	8.5	7.5	8.0
30	---	---	---	5.5	5.0	5.0	6.0	5.5	5.5	8.0	7.0	7.5
31	---	---	---	5.0	5.0	5.0	---	---	---	8.5	8.0	8.0
Month	5.0	1.5	3.7	5.5	3.0	4.7	7.5	4.5	5.8	10.0	6.0	7.7

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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	8.5	8.0	8.0	10.5	9.0	9.5	13.5	13.0	13.0	11.5	10.5	11.0
2	8.0	8.0	8.0	11.5	9.5	10.5	14.0	13.0	13.5	11.5	10.5	11.0
3	8.5	7.0	8.0	12.0	10.0	11.0	14.0	13.0	13.5	11.5	10.5	11.0
4	9.0	7.5	8.5	12.5	10.5	11.5	13.5	11.5	12.5	11.5	10.0	11.0
5	10.0	8.5	9.5	12.5	10.5	11.5	12.0	11.5	11.5	12.0	11.0	11.5
6	10.0	9.0	9.5	12.5	11.0	11.5	12.5	11.5	12.0	12.0	11.0	11.5
7	9.0	8.0	8.5	12.5	11.0	11.5	12.5	11.5	11.5	12.0	11.0	11.5
8	8.0	7.5	8.0	12.0	11.0	11.5	12.0	11.0	11.5	12.0	11.0	11.5
9	8.0	7.5	8.0	12.0	11.0	11.5	12.0	11.0	11.5	12.0	11.0	11.5
10	8.5	7.5	8.0	12.0	10.5	11.5	11.5	11.0	11.0	12.5	11.5	12.0
11	9.5	8.5	9.0	12.5	11.0	12.0	11.5	10.5	11.0	13.0	12.0	12.5
12	9.5	9.0	9.5	13.5	12.0	12.5	11.5	10.5	11.0	13.0	12.0	12.5
13	9.5	8.5	9.0	13.5	12.0	12.5	11.5	10.5	11.0	12.5	11.5	12.0
14	9.5	8.0	8.5	13.0	12.0	12.5	12.5	10.5	12.0	12.0	11.0	11.5
15	9.5	8.5	9.0	13.5	12.0	12.5	12.0	11.0	11.5	12.0	11.5	12.0
16	8.5	7.5	8.0	12.5	12.0	12.5	12.0	10.5	11.5	12.0	11.0	11.5
17	9.0	7.5	8.0	13.0	12.5	12.5	12.0	10.5	11.0	12.0	11.0	11.5
18	9.0	8.5	8.5	13.5	12.5	13.0	12.0	11.0	11.5	14.0	11.5	13.0
19	9.0	8.5	8.5	13.5	13.0	13.5	12.0	11.0	11.5	14.0	12.5	13.0
20	9.5	8.0	8.5	14.0	13.0	13.5	12.0	11.0	11.5	13.5	12.0	13.0
21	10.5	9.0	10.0	13.5	13.0	13.0	12.0	11.0	11.5	14.0	12.5	13.0
22	11.0	9.5	10.0	13.0	12.5	13.0	11.5	11.0	11.0	14.0	12.5	13.0
23	10.5	9.0	10.0	13.0	12.5	12.5	11.5	10.5	11.0	14.0	12.5	13.5
24	9.5	9.0	9.0	13.0	12.5	12.5	12.0	11.0	11.5	14.0	12.5	13.5
25	10.0	8.5	9.0	14.5	12.5	13.0	11.5	11.0	11.5	13.5	13.0	13.0
26	10.5	9.0	9.5	13.5	12.5	13.0	11.5	11.0	11.0	13.5	12.5	13.0
27	10.5	9.0	10.0	13.5	13.0	13.0	12.0	11.5	11.5	14.0	12.5	13.0
28	11.0	9.5	10.0	13.5	12.5	13.0	12.5	11.5	12.0	13.5	12.5	13.0
29	11.0	10.5	11.0	13.5	12.5	13.0	12.0	11.0	11.5	13.5	11.5	12.5
30	10.5	9.5	10.0	13.5	12.5	13.0	12.0	11.0	11.5	13.5	12.0	13.0
31	---	---	---	13.5	12.5	13.0	11.5	11.0	11.0	---	---	---
Month	11.0	7.0	9.0	14.5	9.0	12.3	14.0	10.5	11.6	14.0	10.0	12.2

	Max	Min	Mean
Year	14.5	1.5	7.6

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

TOTAL PARTIAL PRESSURE OF DISSOLVED GASES, WATER, UNFILTERED, PERCENT OF SATURATION
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	---	---	---	---	---	---	---	---	---	---	---	---

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

**TOTAL PARTIAL PRESSURE OF DISSOLVED GASES, WATER, UNFILTERED, PERCENT OF SATURATION
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	---	---	---	---	---	---	106	104	105	102	99	101
2	---	---	---	---	---	---	106	104	104	102	100	101
3	---	---	---	---	---	---	104	103	104	101	99	100
4	---	---	---	---	---	---	106	104	105	103	99	101
5	---	---	---	---	---	---	106	105	106	102	101	101
6	---	---	---	---	---	---	107	106	106	102	100	101
7	---	---	---	---	---	---	108	105	107	102	100	101
8	---	---	---	---	---	---	110	108	109	102	101	101
9	---	---	---	---	---	---	111	109	110	101	100	101
10	---	---	---	---	---	---	110	109	110	104	101	102
11	---	---	---	---	---	---	112	110	111	---	---	---
12	---	---	---	---	---	---	113	111	112	---	---	---
13	---	---	---	---	---	---	112	108	109	---	---	---
14	---	---	---	---	---	---	110	106	109	---	---	---
15	---	---	---	---	---	---	106	99	101	---	---	---
16	---	---	---	---	---	---	102	100	102	---	---	---
17	---	---	---	---	---	---	102	100	101	105	103	104
18	---	---	---	104	101	102	101	100	100	104	102	103
19	---	---	---	104	102	103	102	99	101	105	101	103
20	---	---	---	105	103	104	102	100	101	104	101	103
21	---	---	---	105	100	103	102	100	101	105	102	103
22	---	---	---	104	102	103	101	99	100	103	102	102
23	---	---	---	107	102	104	103	100	101	105	102	103
24	---	---	---	107	105	106	103	101	102	104	101	102
25	---	---	---	108	105	106	102	101	102	104	103	104
26	---	---	---	106	103	104	102	101	101	104	101	103
27	---	---	---	105	103	104	103	101	102	103	102	103
28	---	---	---	104	102	103	102	101	101	104	102	103
29	---	---	---	104	102	103	101	100	101	103	101	102
30	---	---	---	103	102	103	101	99	100	103	101	102
31	---	---	---	106	102	105	---	---	---	102	101	102
Month	---	---	---	---	---	---	113	99	104	---	---	---

13341050 CLEARWATER RIVER NEAR PECK, ID—Continued

TOTAL PARTIAL PRESSURE OF DISSOLVED GASES, WATER, UNFILTERED, PERCENT OF SATURATION
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	103	101	102	105	102	103	108	105	106	109	105	107
2	103	101	102	105	102	103	108	105	107	108	106	107
3	103	101	102	105	101	103	109	105	107	108	106	107
4	104	102	103	105	102	104	109	106	107	108	101	105
5	104	102	103	106	103	105	109	107	108	104	101	102
6	104	102	103	106	104	105	109	106	108	103	100	101
7	104	102	103	106	103	104	109	106	107	103	100	101
8	104	103	103	106	103	104	110	106	108	103	100	101
9	103	102	103	106	103	104	109	106	108	103	100	101
10	104	102	103	105	101	103	109	106	107	104	100	102
11	104	102	103	104	102	103	109	105	107	104	100	102
12	104	102	103	105	101	103	109	106	107	104	100	102
13	103	101	102	105	102	103	109	106	108	105	100	102
14	104	101	103	105	103	104	108	105	106	105	100	102
15	104	102	103	106	103	104	107	104	106	104	101	102
16	103	102	102	105	104	105	107	104	106	104	100	102
17	104	102	103	106	104	105	108	105	106	104	99	101
18	103	101	102	107	104	105	108	105	107	105	99	102
19	102	101	101	106	104	105	108	105	107	105	99	102
20	104	101	103	106	104	105	109	105	107	105	98	101
21	104	101	103	106	104	105	109	106	107	107	98	102
22	105	101	103	106	104	105	109	106	107	107	100	103
23	104	102	103	106	104	105	108	105	107	107	100	103
24	105	102	103	107	104	105	109	106	107	108	100	103
25	104	102	103	108	105	106	109	107	108	106	99	103
26	104	101	103	107	105	106	110	106	108	108	100	104
27	104	101	103	107	105	106	109	106	108	107	100	103
28	104	102	103	107	104	106	109	106	107	107	100	103
29	104	102	103	108	105	106	109	106	107	107	100	103
30	104	102	103	108	105	106	109	106	107	108	100	104
31	---	---	---	108	105	106	108	106	107	---	---	---
Month	105	101	103	108	101	105	110	104	107	109	98	103