



Water-Data Report 2007

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR

Lower Columbia Basin  
Lower Columbia-Sandy Subbasin

LOCATION.--Lat 45°29'40", long 122°02'05" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.11, T.1 S., R.6 E., Multnomah County, OR, Hydrologic Unit 17080001, Mount Hood National Forest, on left bank, 7.0 mi southeast of Multnomah Falls and at mouth.

DRAINAGE AREA.--8.32 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 1965 to current year.

REVISED RECORDS.--WDR OR-91-1: 1976.

GAGE.--Water-stage recorder. Elevation of gage is 1,060 ft above NGVD of 1929, from topographic map. Prior to Oct. 1, 1978 and June 13, 1989 to July 1990 (during bridge construction), at site 700 ft upstream at datum 18.7 ft higher. Oct. 1, 1978 to June 13, 1989 and July 1990 to present, site located 5 ft upstream from bridge, on left bank wing wall.

REMARKS.--Records fair except for period Nov. 2-7, which is poor. Regulation at times since 1958 by North Fork Reservoir, capacity, about 1,030 acre-ft. No diversion upstream from station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--42 years (water years 1966-2007), 72.6 ft<sup>3</sup>/s, 118.55 in/yr, 52,590 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,700 ft<sup>3</sup>/s Jan. 20, 1972, probably affected by surge from release of water temporarily impounded by landslide upstream from station, gage height, 9.89 ft, from floodmark, from rating curve extended above 850 ft<sup>3</sup>/s on basis of estimate of peak flow from slope-area survey; minimum discharge, 8.6 ft<sup>3</sup>/s Oct. 19-29, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Nov 7	1830	1,150	3.74
Dec 13	0430	818	3.21
Dec 14	1430	1,150	3.73
Jan 3	1230	757	3.11
Feb 15	1800	*1,250	*3.89

Minimum discharge, 11 ft<sup>3</sup>/s, on several days.

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	16	90	60	43	58	88	40	25	18	e14	13
2	11	44	73	151	43	66	69	50	24	17	e14	13
3	11	129	63	579	43	116	61	46	23	17	e13	13
4	11	194	56	242	43	108	55	52	23	16	e13	15
5	11	341	53	127	43	98	51	46	27	16	e14	14
6	11	e650	53	136	43	94	50	42	30	16	e14	13
7	11	e1,300	53	297	43	110	57	40	27	15	e15	13
8	11	482	52	305	52	111	59	39	25	15	e15	13
9	11	324	68	191	62	99	95	38	30	15	15	13
10	11	235	74	142	55	124	95	36	52	14	14	13
11	11	258	150	105	65	188	80	35	36	14	14	12
12	11	229	241	83	70	432	77	35	31	14	14	12
13	11	452	559	72	61	251	70	40	28	14	14	12
14	11	285	723	63	71	133	77	e34	27	14	14	12
15	21	184	418	57	766	100	69	e32	26	14	14	13
16	44	240	177	54	591	87	63	e31	26	14	14	13
17	21	120	111	50	297	82	78	e30	27	14	14	16
18	17	90	85	47	188	89	81	e28	25	18	14	14
19	47	104	72	51	237	103	80	e29	24	17	15	13
20	33	115	64	67	379	158	68	e30	23	15	23	13
21	22	111	101	55	170	108	70	51	22	18	25	13
22	18	131	77	53	114	88	73	40	21	16	17	13
23	17	172	119	52	92	82	61	35	21	15	15	13
24	20	239	116	51	98	132	57	33	21	15	15	12
25	27	126	220	50	105	310	55	31	21	14	14	12
26	21	108	233	48	87	160	50	30	20	14	14	12
27	18	100	189	46	72	112	47	29	19	e14	14	12
28	17	75	116	44	64	88	45	29	19	e14	14	16
29	18	62	92	43	---	73	43	27	20	e14	13	15
30	18	109	76	43	---	65	41	26	20	e14	13	30
31	16	---	66	43	---	96	---	25	---	e14	13	---
<b>Total</b>	549	7,025	4,640	3,407	3,997	3,921	1,965	1,109	763	469	458	411
<b>Mean</b>	17.7	234	150	110	143	126	65.5	35.8	25.4	15.1	14.8	13.7
<b>Max</b>	47	1,300	723	579	766	432	95	52	52	18	25	30
<b>Min</b>	11	16	52	43	43	58	41	25	19	14	13	12
<b>Ac-ft</b>	1,090	13,930	9,200	6,760	7,930	7,780	3,900	2,200	1,510	930	908	815
<b>Cfsm</b>	2.13	28.1	18.0	13.2	17.2	15.2	7.87	4.30	3.06	1.82	1.78	1.65
<b>In.</b>	2.45	31.41	20.75	15.23	17.87	17.53	8.79	4.96	3.41	2.10	2.05	1.84

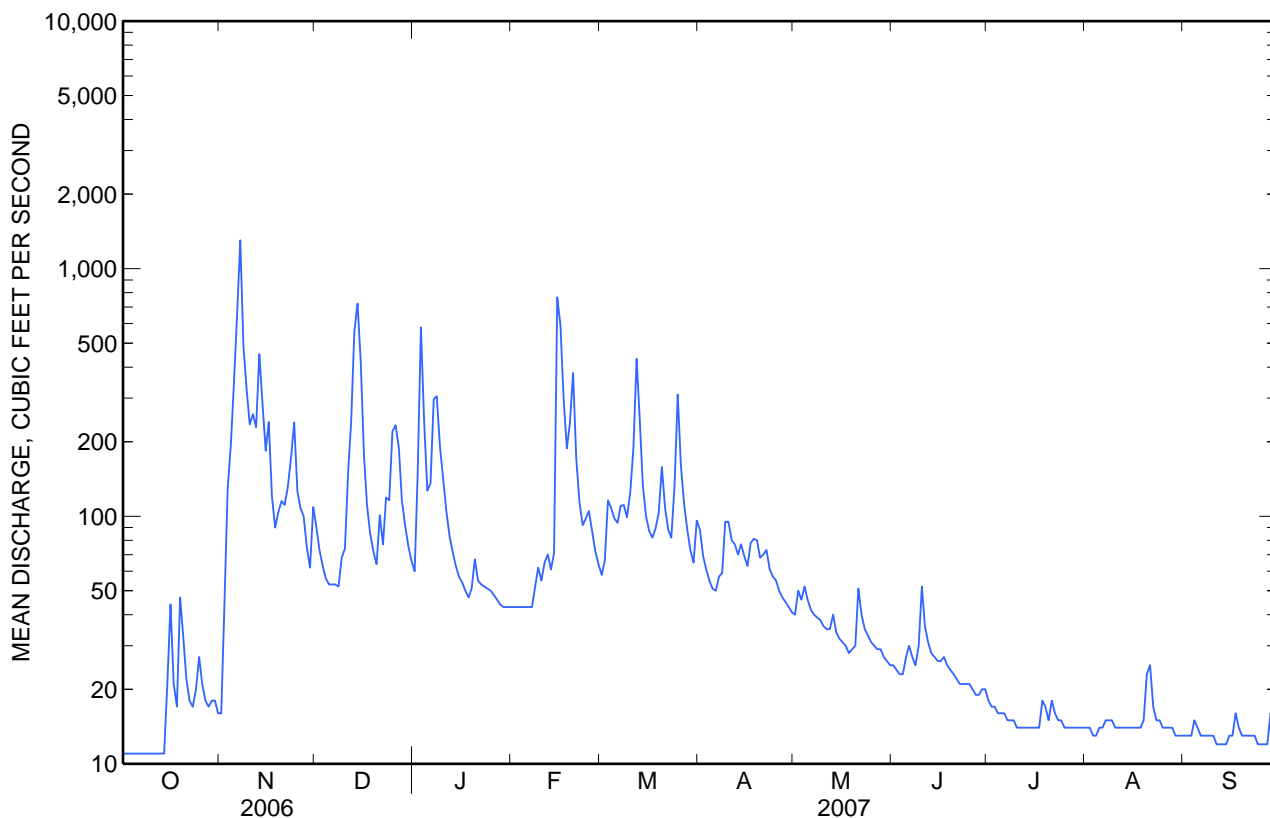
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	41.8	107	129	129	107	89.6	86.8	71.5	47.2	23.8	17.3	22.5
<b>Max</b>	95.9	234	285	309	231	200	147	137	111	62.7	39.3	54.4
<b>(WY)</b>	(1998)	(2007)	(1976)	(1975)	(1996)	(1972)	(1993)	(1972)	(1974)	(1983)	(2004)	(1977)
<b>Min</b>	9.08	16.9	33.4	32.1	34.2	28.8	49.5	28.3	14.6	12.6	10.6	10.2
<b>(WY)</b>	(1988)	(1994)	(1977)	(1979)	(2005)	(1992)	(1967)	(1992)	(1992)	(1992)	(1994)	(2005)

14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1966 - 2007	
<b>Annual total</b>	28,764		28,714			
<b>Annual mean</b>	78.8		78.7		72.6	
<b>Highest annual mean</b>					121	1974
<b>Lowest annual mean</b>					44.3	2001
<b>Highest daily mean</b>	1,300	Nov 7	1,300	Nov 7	1,910	Dec 2, 1977
<b>Lowest daily mean</b>	10	Sep 4	11	Oct 1	8.6	Oct 24, 1987
<b>Annual seven-day minimum</b>	10	Sep 2	11	Oct 1	8.7	Oct 23, 1987
<b>Annual runoff (ac-ft)</b>	57,050		56,950		52,590	
<b>Annual runoff (cfsm)</b>	9.47		9.46		8.73	
<b>Annual runoff (inches)</b>	128.61		128.38		118.55	
<b>10 percent exceeds</b>	187		180		151	
<b>50 percent exceeds</b>	46		43		46	
<b>90 percent exceeds</b>	11		13		14	



**14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to current year.  
pH: October 1980 to September 1981, August 1990 to September 1992.  
WATER TEMPERATURE: October 1978 to current year.  
TURBIDITY: August 1990 to September 1994.  
SUSPENDED SEDIMENT DISCHARGE: October 1978 to September 1986.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Turbidity data prior to October 1990 are available in the files of the Portland field office.

SPECIFIC CONDUCTANCE: Records fair.  
WATER TEMPERATURE: Records fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 103 microsiemens Jan. 13, 1981 (result of cement spill); minimum, 7 microsiemens Jan. 31, Feb. 19, 1995.  
pH: Maximum recorded, 9.8 units Jan. 13, 1981 (result of cement spill); minimum recorded, 6.3 units June 19, 1981.  
WATER TEMPERATURE: Maximum, 15.0°C July 28, 1998; minimum, 0.0°C on several days during winter periods.  
TURBIDITY: Maximum recorded, 25 NTU Nov. 24, 1990; minimum recorded, 0.06 NTU Sept. 7, 13, 14, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 47 microsiemens Oct. 13, 15; minimum recorded, 12 microsiemens Feb. 15, but may have been lower during periods of missing record.  
WATER TEMPERATURE: Maximum recorded, 12.2°C June 2-4, but may have been higher during period of missing record; minimum, 0.8°C Jan. 12.

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
<b>1</b>	44	42	43	39	37	37	---	---	---	24	22	23
<b>2</b>	44	43	43	39	26	35	---	---	---	25	17	22
<b>3</b>	44	42	43	26	21	24	---	---	---	17	15	16
<b>4</b>	44	42	43	22	17	21	---	---	---	18	16	17
<b>5</b>	43	42	43	19	15	17	---	---	---	19	17	18
<b>6</b>	43	42	43	17	14	15	---	---	---	19	18	19
<b>7</b>	43	42	42	14	13	13	---	---	---	19	16	18
<b>8</b>	43	42	43	16	14	15	---	---	---	17	16	17
<b>9</b>	44	42	43	---	---	---	---	---	---	18	17	17
<b>10</b>	45	42	43	---	---	---	---	---	---	19	17	18
<b>11</b>	43	43	43	---	---	---	---	---	---	20	19	19
<b>12</b>	43	42	43	---	---	---	18	17	17	21	20	20
<b>13</b>	47	43	45	---	---	---	18	15	16	22	21	21
<b>14</b>	46	45	46	---	---	---	17	15	16	23	22	22
<b>15</b>	47	36	41	---	---	---	17	15	16	25	23	24
<b>16</b>	36	32	34	---	---	---	18	17	17	25	23	24
<b>17</b>	38	36	37	---	---	---	20	18	19	25	24	24
<b>18</b>	40	38	39	---	---	---	21	19	20	26	24	25
<b>19</b>	39	28	33	---	---	---	21	20	21	26	22	25
<b>20</b>	32	29	30	---	---	---	22	21	22	24	22	23
<b>21</b>	36	32	34	---	---	---	22	19	20	24	23	24
<b>22</b>	37	35	36	19	17	18	22	21	21	25	24	24
<b>23</b>	38	36	37	19	17	18	22	19	20	25	24	25
<b>24</b>	39	34	37	18	17	17	20	18	20	25	24	25
<b>25</b>	36	34	34	---	---	---	18	17	18	25	25	25
<b>26</b>	36	35	35	---	---	---	19	16	17	26	25	25
<b>27</b>	37	35	36	---	---	---	19	17	18	27	25	26
<b>28</b>	37	36	37	---	---	---	20	18	19	28	26	27
<b>29</b>	38	36	36	---	---	---	21	19	20	28	27	27
<b>30</b>	37	36	36	---	---	---	22	20	21	28	27	28
<b>31</b>	39	37	38	---	---	---	22	21	22	28	27	28
<b>Month</b>	47	28	39	---	---	---	---	---	---	28	15	22

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	29	28	28	---	23	---	19	17	18	25	24	24
2	30	29	29	---	21	---	20	19	20	25	22	23
3	30	29	29	---	19	---	21	20	21	24	23	23
4	31	29	29	---	19	---	22	21	21	24	22	23
5	31	28	30	---	19	---	23	22	22	24	22	23
6	31	28	29	20	19	20	23	22	22	25	24	24
7	30	28	30	20	18	19	23	21	22	25	25	25
8	29	26	28	19	18	19	22	20	21	26	25	26
9	26	23	24	20	18	19	20	18	19	26	25	26
10	27	24	25	19	18	18	19	18	19	27	25	26
11	26	22	24	18	16	17	19	18	19	---	---	---
12	24	22	24	16	14	15	20	19	19	---	---	---
13	25	24	25	16	15	16	20	19	20	27	25	26
14	26	19	24	18	16	17	20	19	19	---	---	---
15	22	12	15	18	17	18	21	19	20	---	---	---
16	15	14	15	19	18	19	21	20	21	---	---	---
17	16	15	16	20	19	19	20	19	20	---	---	---
18	17	16	16	19	18	19	20	19	19	---	---	---
19	17	15	16	20	16	18	20	19	19	---	---	---
20	16	15	15	17	16	16	---	---	---	---	---	---
21	18	16	17	18	17	18	21	19	20	26	23	24
22	19	17	18	19	18	19	21	19	20	26	24	25
23	20	18	19	20	19	19	21	20	21	28	26	27
24	20	18	19	19	16	18	22	21	21	29	28	28
25	19	19	19	16	14	15	22	21	22	29	28	29
26	21	19	20	17	15	16	23	22	22	31	29	30
27	22	20	21	18	16	17	24	23	23	31	29	30
28	---	22	---	19	18	19	24	23	24	31	30	30
29	---	---	---	20	19	19	24	23	24	32	30	31
30	---	---	---	21	20	20	25	24	24	33	31	32
31	---	---	---	21	17	19	---	---	---	34	32	33
Month	---	12	---	---	14	---	---	---	---	---	---	---

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	34	32	33	36	35	36	40	39	40	40	39	40
2	35	33	34	37	36	36	40	39	40	40	39	40
3	35	33	34	37	36	37	40	39	39	41	40	40
4	35	33	34	38	37	38	40	38	39	41	37	38
5	34	30	32	38	37	38	40	38	39	40	38	39
6	31	30	30	38	36	37	---	---	---	40	39	39
7	32	30	31	38	37	37	---	---	---	40	39	40
8	33	31	32	39	37	38	40	38	39	40	39	40
9	33	25	32	39	37	38	40	38	39	40	40	40
10	27	24	25	39	38	38	40	39	39	41	40	40
11	28	26	27	39	37	38	42	39	39	42	40	41
12	32	28	30	39	37	38	40	38	39	42	41	42
13	32	30	31	39	38	38	40	39	40	42	41	41
14	32	30	31	39	38	39	41	39	40	42	41	41
15	32	31	32	39	38	38	41	40	40	42	40	42
16	33	31	32	39	38	39	41	39	40	43	41	42
17	33	31	32	39	38	38	40	39	40	42	38	40
18	33	31	32	39	34	37	---	---	---	40	39	40
19	34	32	33	37	34	36	40	38	39	42	40	41
20	34	32	33	38	37	38	---	---	---	42	40	41
21	34	32	33	38	35	37	36	33	34	42	41	42
22	34	33	34	38	36	37	38	36	37	42	41	42
23	35	33	34	39	38	39	39	38	38	---	---	---
24	35	33	34	38	37	38	40	38	39	42	41	41
25	35	33	34	39	38	38	40	38	39	42	41	42
26	35	34	34	40	38	39	40	38	39	42	41	42
27	36	34	35	40	39	39	40	39	39	42	41	42
28	37	35	36	40	38	39	40	39	40	42	37	40
29	36	34	35	40	38	39	40	39	40	40	38	39
30	36	34	35	40	38	39	41	40	40	40	30	36
31	---	---	---	40	39	39	41	40	40	---	---	---
Month	37	24	32	40	34	38	---	---	---	---	---	---

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	9.4	8.2	8.8	5.2	4.1	4.7	---	---	---	4.1	3.2	3.7
2	9.4	8.0	8.5	6.4	5.1	5.5	---	---	---	5.6	4.1	4.8
3	8.6	7.8	8.3	8.2	6.4	7.4	---	---	---	5.2	4.7	5.0
4	8.6	7.7	8.2	9.2	8.2	8.6	---	---	---	4.7	3.0	3.7
5	9.2	7.8	8.3	10.0	8.8	9.3	---	---	---	3.6	3.2	3.4
6	8.6	8.2	8.5	11.3	10.0	10.8	---	---	---	4.3	3.3	3.9
7	8.6	8.0	8.3	11.5	9.4	10.7	---	---	---	4.4	4.0	4.2
8	8.2	7.5	7.8	9.6	7.5	8.7	---	---	---	4.7	4.1	4.4
9	8.6	7.5	7.9	7.7	6.9	7.4	---	---	---	5.1	3.5	4.5
10	8.2	6.9	7.5	7.1	5.9	6.5	---	---	---	3.5	1.6	2.8
11	8.6	7.3	7.8	7.0	6.1	6.4	---	---	---	2.4	1.6	2.2
12	8.8	7.3	8.0	7.0	5.5	6.3	4.8	4.1	4.4	1.7	0.8	1.3
13	8.6	7.5	7.9	6.9	6.2	6.6	5.0	4.2	4.6	1.7	0.9	1.3
14	8.6	7.5	7.9	6.9	6.0	6.4	5.5	4.5	5.1	1.7	1.0	1.3
15	8.6	7.8	8.1	8.9	5.8	7.1	5.0	3.3	3.9	1.8	0.9	1.3
16	8.8	8.4	8.6	---	---	---	3.7	3.1	3.5	2.4	1.4	1.8
17	8.8	8.2	8.5	---	---	---	3.3	2.5	3.0	2.6	2.2	2.5
18	8.2	7.8	8.0	---	---	---	3.4	2.5	3.0	3.1	2.5	2.8
19	9.6	7.8	8.9	---	---	---	3.6	3.0	3.3	3.4	2.8	3.1
20	9.4	8.2	8.8	---	---	---	4.0	3.4	3.7	3.2	2.5	2.9
21	8.4	7.5	8.0	---	---	---	4.4	3.7	4.1	3.7	2.8	3.3
22	8.4	7.3	7.8	5.7	5.2	5.5	4.2	3.7	3.9	4.0	3.2	3.6
23	7.8	6.9	7.5	6.0	5.3	5.6	4.4	3.9	4.3	4.0	3.4	3.6
24	7.5	6.6	7.2	6.3	5.5	6.0	5.1	4.0	4.4	4.0	3.2	3.5
25	7.5	6.8	7.2	5.7	5.0	5.3	4.9	4.3	4.6	3.7	2.9	3.3
26	7.5	6.4	6.9	5.3	4.0	4.9	5.1	4.6	4.9	4.0	2.9	3.4
27	7.3	6.2	6.8	4.4	---	---	5.1	3.8	4.1	3.7	2.9	3.2
28	7.1	6.1	6.7	---	---	---	3.9	3.2	3.5	3.2	2.5	2.9
29	7.1	6.2	6.8	---	---	---	3.8	3.0	3.3	3.5	2.3	2.8
30	6.2	4.9	5.6	---	---	---	3.6	3.2	3.5	3.4	2.6	3.0
31	5.1	4.2	4.6	---	---	---	3.6	3.0	3.3	3.2	2.5	2.7
Month	9.6	4.2	7.7	---	---	---	---	---	---	5.6	0.8	3.1



## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	<b>February</b>			<b>March</b>			<b>April</b>			<b>May</b>		
<b>1</b>	3.2	2.2	2.6	2.7	2.2	2.4	5.2	4.1	4.6	8.0	6.7	7.4
<b>2</b>	3.2	2.1	2.6	3.3	2.5	2.9	4.4	3.8	4.2	7.8	6.5	7.3
<b>3</b>	3.7	2.3	3.0	4.5	3.0	3.6	5.1	3.2	4.1	6.9	5.7	6.2
<b>4</b>	4.8	3.5	4.1	4.6	3.3	3.9	6.4	4.7	5.5	6.7	5.7	6.1
<b>5</b>	5.1	3.8	4.3	5.4	3.8	4.3	7.9	5.4	6.4	7.1	5.3	6.1
<b>6</b>	5.1	4.2	4.5	5.6	3.6	4.3	8.9	6.4	7.3	7.6	5.7	6.7
<b>7</b>	5.0	4.3	4.6	4.6	3.8	4.2	8.1	7.3	7.6	10.0	7.3	8.4
<b>8</b>	5.0	4.2	4.5	4.4	3.5	4.0	7.3	6.6	7.1	10.8	8.0	9.2
<b>9</b>	5.0	4.2	4.6	4.6	3.7	4.2	7.3	5.1	6.2	9.8	7.6	8.7
<b>10</b>	4.5	3.7	4.2	4.6	3.7	4.2	5.4	4.3	4.8	9.6	7.3	8.4
<b>11</b>	4.7	4.2	4.4	4.9	4.3	4.5	5.3	4.4	4.8	9.6	7.1	8.4
<b>12</b>	4.7	3.9	4.3	4.6	3.7	4.1	5.0	4.5	4.7	8.6	7.4	8.0
<b>13</b>	4.7	3.8	4.2	4.4	3.3	3.9	6.2	4.5	5.4	7.8	6.7	7.3
<b>14</b>	4.9	4.2	4.6	4.6	3.6	4.0	6.5	5.8	6.1	9.4	5.8	7.6
<b>15</b>	5.0	4.5	4.7	4.9	3.2	4.0	6.2	5.2	5.7	10.8	7.8	9.2
<b>16</b>	5.7	4.7	5.2	6.4	4.1	5.0	5.8	4.8	5.4	10.4	8.0	9.2
<b>17</b>	6.2	5.0	5.6	6.3	4.7	5.5	5.8	4.7	5.3	10.4	7.3	8.7
<b>18</b>	5.9	3.9	4.8	6.6	5.7	6.2	4.7	4.0	4.4	10.8	7.3	8.9
<b>19</b>	4.4	3.8	4.1	6.3	5.2	5.9	5.5	3.9	4.6	9.6	8.0	8.9
<b>20</b>	4.2	2.7	3.6	5.2	3.3	4.2	6.2	4.2	5.2	8.4	7.6	8.0
<b>21</b>	3.9	3.1	3.5	4.6	2.7	3.6	6.0	5.0	5.5	7.8	7.1	7.3
<b>22</b>	3.9	3.1	3.5	5.7	4.1	4.9	6.6	5.5	6.0	7.8	6.9	7.4
<b>23</b>	3.4	2.8	3.1	6.1	4.9	5.6	7.6	6.0	6.7	8.8	6.5	7.7
<b>24</b>	3.4	2.8	3.2	6.4	5.7	6.1	7.3	6.5	6.9	9.6	7.1	8.3
<b>25</b>	3.9	3.3	3.6	6.3	4.6	5.2	6.9	6.5	6.8	9.6	7.6	8.7
<b>26</b>	3.9	3.4	3.6	5.2	4.1	4.6	7.8	6.0	6.9	10.8	8.4	9.5
<b>27</b>	3.6	3.0	3.4	4.7	3.8	4.1	8.6	6.5	7.5	9.6	7.8	8.6
<b>28</b>	3.1	2.2	2.8	4.7	3.6	4.1	9.4	7.6	8.2	9.2	7.4	8.1
<b>29</b>	---	---	---	6.3	3.9	4.9	8.6	7.1	7.7	10.4	7.6	8.9
<b>30</b>	---	---	---	6.4	4.9	5.7	8.4	6.4	7.3	11.3	8.4	9.8
<b>31</b>	---	---	---	6.3	5.2	6.0	---	---	---	11.7	9.2	10.2
<b>Month</b>	6.2	2.1	4.0	6.6	2.2	4.5	9.4	3.2	6.0	11.7	5.3	8.2

## 14138900 NORTH FORK BULL RUN RIVER NEAR MULTNOMAH FALLS, OR—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	<b>June</b>			<b>July</b>			<b>August</b>			<b>September</b>		
<b>1</b>	11.5	9.4	10.4	---	9.0	---	---	10.2	---	---	---	---
<b>2</b>	12.2	9.8	10.8	---	9.6	---	---	10.8	---	11.4	9.7	10.4
<b>3</b>	12.2	10.0	11.1	---	9.6	---	---	10.8	---	11.6	9.7	10.5
<b>4</b>	12.2	10.2	11.0	---	10.0	---	---	10.4	---	11.2	10.3	10.6
<b>5</b>	10.8	9.2	9.9	---	10.6	---	---	10.4	---	10.7	10.1	10.3
<b>6</b>	9.6	8.6	9.1	---	10.4	---	---	10.4	---	10.5	9.7	10.1
<b>7</b>	9.0	8.4	8.6	---	10.4	---	---	10.2	---	10.5	9.3	9.7
<b>8</b>	10.0	8.2	8.9	---	10.0	---	---	10.0	---	10.5	8.7	9.4
<b>9</b>	9.8	8.2	8.9	---	10.4	---	---	9.8	---	10.7	8.7	9.5
<b>10</b>	10.0	9.2	9.7	---	10.8	---	---	9.2	---	11.2	8.9	9.7
<b>11</b>	9.2	8.4	8.8	---	11.6	---	---	8.8	---	10.9	9.1	9.9
<b>12</b>	10.0	7.4	8.7	---	12.0	---	---	9.7	---	10.7	8.9	9.8
<b>13</b>	9.8	8.8	9.3	---	11.6	---	---	9.1	---	9.9	8.9	9.3
<b>14</b>	10.4	8.4	9.4	---	11.2	---	---	9.5	---	9.5	8.7	9.2
<b>15</b>	9.4	9.0	9.2	---	11.2	---	---	10.3	---	9.9	8.9	9.3
<b>16</b>	9.2	8.6	8.8	---	11.2	---	---	10.3	---	9.5	8.7	9.1
<b>17</b>	9.0	8.2	8.5	---	10.9	---	---	9.5	---	9.5	8.7	9.2
<b>18</b>	10.2	8.2	9.0	---	10.5	---	---	9.5	---	9.1	8.3	8.6
<b>19</b>	10.8	8.0	9.3	---	10.7	---	---	9.5	---	9.3	7.7	8.4
<b>20</b>	11.7	9.0	10.2	---	10.5	---	---	9.3	---	8.9	7.7	8.3
<b>21</b>	11.7	9.4	10.3	---	10.3	---	---	10.5	---	9.3	7.5	8.3
<b>22</b>	10.4	9.4	9.9	---	11.2	---	---	10.5	---	9.1	8.1	8.5
<b>23</b>	10.0	8.6	9.3	---	11.5	---	---	9.5	---	8.5	7.7	8.1
<b>24</b>	9.2	8.4	8.8	---	10.8	---	---	9.7	---	8.7	7.0	7.7
<b>25</b>	10.4	8.2	9.1	---	10.0	---	---	10.1	---	8.7	7.2	7.8
<b>26</b>	10.8	8.4	9.5	---	10.6	---	---	9.9	---	9.1	7.5	8.2
<b>27</b>	10.4	8.8	9.7	---	10.4	---	---	8.9	---	9.3	7.7	8.4
<b>28</b>	11.3	9.2	10.0	---	10.6	---	---	8.9	---	8.7	7.7	8.0
<b>29</b>	10.2	9.4	9.8	---	10.6	---	---	9.5	---	8.3	7.5	7.8
<b>30</b>	11.0	8.6	9.8	---	10.0	---	---	10.3	---	8.8	7.5	8.0
<b>31</b>	---	---	---	---	9.6	---	---	10.3	---	---	---	---
<b>Month</b>	12.2	7.4	9.5	---	9.0	---	---	8.8	---	---	---	---