



Water-Data Report 2007

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR

Willamette Basin
North Santiam Subbasin

LOCATION.--Lat 44°45'10", long 122°07'40" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.36, T.9 S., R.5 E., Marion County, OR, Hydrologic Unit 17090005, Willamette National Forest, on left bank, 600 ft upstream from Canyon Creek, 1.5 mi northeast of Detroit and at mile 2.0.

DRAINAGE AREA.--108 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1932 to September 1987, October 1998 to current year. Monthly discharge only June 1932, published in WSP 1318. Published as "above Canyon Creek, near Detroit" from October 1952 to September 1984.

GAGE.--Water-stage recorder. Datum of gage is 1,573.95 ft above NGVD of 1929. Prior to Oct. 1, 1952, at site 0.2 mi downstream at datum 13.46 ft lower.

REMARKS.--Records good except for estimated daily discharges and those above 4,500 ft³/s, which are fair. No regulation or diversion upstream from station.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--64 years, (water years 1933-87, 1999-2007), 569 ft³/s, 71.60 in/yr, 412,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,900 ft³/s Dec. 22, 1964, gage height, 14.55 ft; minimum discharge, 87 ft³/s Sept. 2, 1940, Sept. 24, 2001.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 7	1300	6,790	9.19
Dec 14	1430	*7,750	*9.77
Jan 3	1200	4,550	7.71

Minimum discharge, 91 ft³/s, Sept. 27, gage height, 2.50 ft.

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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	121	117	552	650	e280	487	596	495	392	228	129	106
2	121	160	502	668	e270	483	542	532	397	218	127	105
3	121	301	465	3,460	e260	554	500	503	407	213	126	105
4	121	440	438	2,310	264	676	471	462	392	213	125	109
5	120	1,620	421	1,450	316	779	462	420	414	215	125	109
6	120	1,410	424	1,180	390	862	499	394	349	210	124	106
7	119	5,180	451	1,100	410	952	713	407	304	198	123	104
8	119	2,130	474	1,410	428	980	772	490	275	189	122	102
9	118	1,180	627	1,290	475	866	854	590	278	183	121	100
10	116	886	723	1,140	471	874	770	540	368	176	120	99
11	115	831	1,010	930	549	1,210	677	509	343	174	119	99
12	115	740	1,810	e760	581	1,950	626	478	296	170	117	99
13	114	1,460	4,860	e700	517	1,880	574	438	303	167	117	99
14	114	1,330	5,630	e620	481	1,330	565	406	310	162	115	99
15	130	1,030	4,170	e560	1,350	1,020	538	421	301	158	114	99
16	189	1,710	2,080	e500	2,540	870	507	482	306	156	114	100
17	154	1,090	1,390	464	1,780	864	502	468	273	155	113	102
18	137	819	1,030	431	1,280	964	483	439	258	168	113	101
19	151	825	836	e410	1,040	999	461	455	254	181	130	99
20	154	1,190	711	e400	1,140	1,090	437	448	259	163	153	98
21	137	1,070	877	376	961	890	451	479	266	161	146	97
22	129	1,150	751	359	803	762	508	417	265	155	130	97
23	125	1,080	1,030	348	699	690	484	371	246	150	123	97
24	126	1,150	1,030	343	670	669	472	360	228	146	119	96
25	134	961	1,720	345	699	1,060	475	382	224	143	116	96
26	126	863	2,350	335	652	966	466	390	215	142	114	96
27	123	818	2,100	324	580	823	460	422	220	139	112	95
28	121	670	1,440	314	525	708	496	376	220	136	111	110
29	121	575	1,100	e300	---	629	536	343	258	135	110	115
30	121	576	886	e290	---	582	509	354	256	133	108	146
31	118	---	749	e280	---	586	---	385	---	131	107	---
Total	3,950	33,362	42,637	24,047	20,411	28,055	16,406	13,656	8,877	5,268	3,743	3,085
Mean	127	1,112	1,375	776	729	905	547	441	296	170	121	103
Max	189	5,180	5,630	3,460	2,540	1,950	854	590	414	228	153	146
Min	114	117	421	280	260	483	437	343	215	131	107	95
Ac-ft	7,830	66,170	84,570	47,700	40,490	55,650	32,540	27,090	17,610	10,450	7,420	6,120
Cfsm	1.18	10.3	12.7	7.18	6.75	8.38	5.06	4.08	2.74	1.57	1.12	0.95
In.	1.36	11.49	14.69	8.28	7.03	9.66	5.65	4.70	3.06	1.81	1.29	1.06

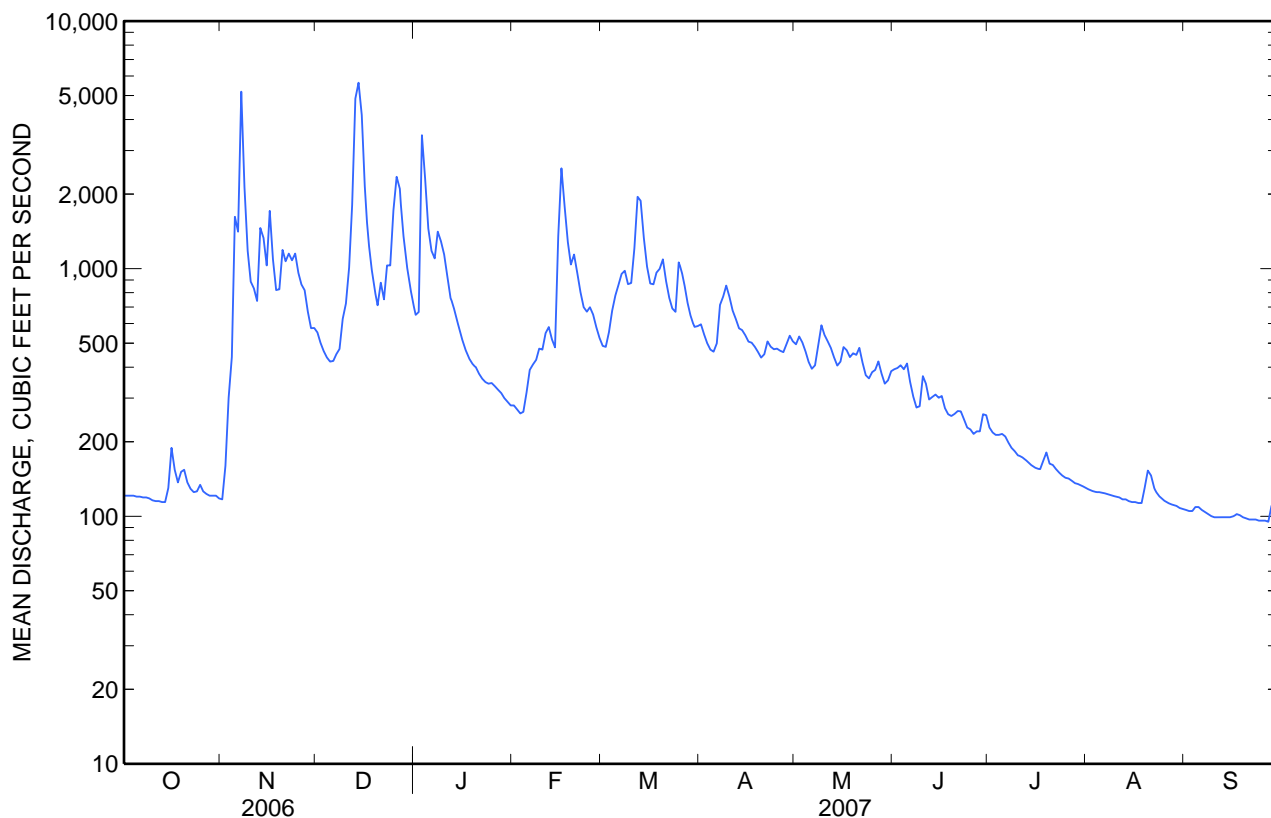
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1933 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	249	649	920	852	791	682	768	769	562	279	169	155
Max	827	1,504	2,385	2,135	1,867	1,874	1,280	1,627	1,564	532	288	267
(WY)	(1948)	(1943)	(1965)	(1953)	(1982)	(1972)	(1949)	(1949)	(1933)	(1933)	(1999)	(1971)
Min	104	106	163	142	176	289	295	344	202	129	98.4	97.6
(WY)	(1946)	(1937)	(1977)	(1937)	(1977)	(1941)	(1941)	(1934)	(1934)	(1940)	(1940)	(2001)

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1933 - 2007	
Annual total	247,147		203,497			
Annual mean	677		558		569	
Highest annual mean					892 1974	
Lowest annual mean					276 1977	
Highest daily mean	5,760	Jan 10	5,630	Dec 14	12,800	Dec 22, 1964
Lowest daily mean	114	Oct 13	95	Sep 27	89	Aug 31, 1940
Annual seven-day minimum	116	Oct 8	96	Sep 21	91	Oct 23, 1944
Annual runoff (ac-ft)	490,200		403,600		412,300	
Annual runoff (cfsm)	6.27		5.16		5.27	
Annual runoff (inches)	85.13		70.09		71.60	
10 percent exceeds	1,350		1,140		1,120	
50 percent exceeds	486		407		407	
90 percent exceeds	130		114		136	



14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to current year.

pH: October 1998 to current year.

WATER TEMPERATURE: December 1950 to July 1961, January 1962 to September 1987, October 1998 to current year.

TURBIDITY: October 1998 to current year.

INSTRUMENTATION.--Water-quality monitor. Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.

REMARKS.--

SPECIFIC CONDUCTANCE: Records excellent except those Apr. 18 to June 12, which are good.

pH: Records excellent except those for Oct. 1-12, Nov. 6 to July 11, which are good and those July 11 to Aug. 23, which are fair.

WATER TEMPERATURE: Records excellent.

TURBIDITY: Records excellent except those for period Mar. 8 to Sept. 30, which are good. Data collected using a YSI 6026 turbidity sensor.

Manufacturers stated accuracy is the greater of +/- 5 percent or 2 Formazin Nephelometric Units. FNU values below 10 are reported to nearest 0.1 FNU. Negative recorded values are reported as 0.0 FNU.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 107 microsiemens Oct. 7, 2005; minimum, 21 microsiemens Nov. 26, 1999.

pH: Maximum, 8.3 units Sept. 1, 3, 2001; minimum, 6.6 units Dec. 30, 2005.

WATER TEMPERATURE: Maximum, 18.0°C July 27, 1973; minimum, 0.0°C on several days in 1972-73, 1977-79, 1985, 1999, 2006.

TURBIDITY: Maximum recorded, >1,160 FNU Nov. 25, 1999; minimum, <1 FNU on many days each year.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 102 microsiemens Oct. 7; minimum, 25 microsiemens Nov. 7.

pH: Maximum, 8.0 units on many days during July to September; minimum, 7.1 units Nov. 5.

WATER TEMPERATURE: Maximum, 16.3°C July 12, 13; minimum, 1.1°C Jan. 15.

TURBIDITY: Maximum, 402 FNU Nov. 7; minimum, 0.0 FNU on many days during year.

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 2

Date	Time	Instan- taneous dis- charge, cfs (00061)	Suspnd.	Sus- pended	Sus- pended
			sediment, sieve diametr percent <.063mm (70331)	sediment concen- tration mg/L (80154)	sediment dis- charge, tons/d (80155)
Nov					
06...	1616	955	--	16	41
06...	2202	2,060	--	74	412
07...	0002	2,680	40	203	1,470
07...	0202	3,590	--	829	8,040
07...	0302	3,980	--	613	6,590
07...	0402	4,360	--	602	7,090
07...	0502	4,660	34	574	7,220
07...	0602	4,910	--	704	9,330
07...	0702	5,300	--	624	8,930
07...	0802	5,640	--	815	12,400
07...	0902	5,990	23	990	16,000
07...	1032	6,360	--	828	14,200
07...	1102	6,420	--	1,080	18,700
07...	1132	6,470	50	1,210	21,200
07...	1202	6,530	--	1,080	19,000
07...	1232	6,440	--	963	16,700
07...	1302	6,790	--	962	17,600
07...	1332	6,530	57	1,060	18,600
07...	1402	6,660	--	918	16,500
07...	1432	6,310	--	803	13,700
07...	1502	6,550	--	806	14,300
07...	1532	6,380	--	727	12,500
07...	1602	6,380	--	730	12,600
07...	1632	6,050	54	679	11,100
07...	1648	5,890	58	623	9,910
08...	0918	2,140	62	70	404
08...	1053	2,020	64	52	284

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 2

Date	Time	Instan- taneous dis- charge, cfs (00061)	Suspd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
Dec					
13...	0402	4,410	34	373	4,440
13...	0502	5,330	--	560	8,060
13...	0702	6,580	32	690	12,300
13...	0802	6,520	--	569	10,000
13...	0902	6,470	--	535	9,350
13...	1002	5,950	--	409	6,570
13...	1102	5,840	--	325	5,120
13...	1202	5,560	--	290	4,350
13...	1302	5,640	--	274	4,170
13...	1602	5,180	44	232	3,240
13...	1802	4,820	--	176	2,290
13...	2002	4,430	--	158	1,890
13...	2202	4,180	--	141	1,590
14...	0002	3,980	--	108	1,160
14...	0202	3,750	--	111	1,120
14...	0402	3,520	--	82	779
14...	0602	3,620	--	74	723
14...	0802	4,210	--	101	1,150
14...	1002	5,710	--	254	3,920
14...	1202	6,770	--	513	9,380
14...	1402	6,870	--	518	9,610
14...	1602	6,950	35	656	12,300
14...	1802	6,900	--	476	8,870
14...	2002	6,680	--	401	7,230
Jan					
03...	1002	4,220	--	243	2,770
03...	1202	4,550	--	218	2,680

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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		
1	64	62	63	64	61	62	46	44	46	44	40	42
2	62	59	60	64	59	61	47	44	46	44	39	42
3	60	60	60	61	56	58	48	45	46	39	28	31
4	62	60	60	56	49	53	49	46	47	37	30	33
5	64	62	62	49	32	35	49	46	47	37	34	35
6	65	62	62	36	31	34	49	47	48	39	34	37
7	102	63	69	31	25	26	49	46	48	39	37	38
8	66	62	63	34	28	31	49	45	47	38	35	37
9	63	62	62	39	34	37	47	43	45	38	36	37
10	66	62	63	40	38	40	45	42	43	40	36	38
11	64	62	62	43	40	41	44	38	41	40	37	39
12	63	62	62	44	42	43	38	36	37	41	40	40
13	63	62	62	42	37	39	37	26	29	42	40	41
14	63	62	62	41	37	39	31	26	28	43	41	42
15	65	60	62	42	37	41	33	26	29	44	42	43
16	62	58	60	37	33	35	36	32	34	44	42	43
17	61	58	60	41	37	38	38	35	37	45	43	44
18	62	60	61	42	40	41	40	36	38	46	43	44
19	62	60	60	43	39	42	42	39	40	46	44	45
20	62	59	61	39	35	37	43	40	41	46	43	45
21	62	61	61	40	37	38	42	39	40	47	44	45
22	63	61	62	41	39	40	42	40	41	46	43	45
23	63	61	62	42	40	41	42	37	39	47	44	45
24	63	62	62	42	40	41	41	38	39	47	44	46
25	63	61	62	43	41	42	39	34	36	65	45	49
26	64	62	63	44	41	42	36	32	34	48	45	46
27	64	61	63	44	41	42	35	33	34	48	44	46
28	66	61	63	45	42	44	38	34	36	49	44	47
29	65	62	63	46	43	45	40	36	38	49	46	47
30	63	62	63	57	43	46	41	38	40	48	45	47
31	64	61	63	---	---	---	42	39	41	48	47	47
Month	102	58	62	64	25	42	49	26	40	65	28	42

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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	49	46	47	44	41	43	41	40	40	40	39	39
2	49	47	48	44	41	43	42	40	41	40	38	38
3	49	47	48	44	41	43	44	41	42	39	38	39
4	49	47	48	43	41	42	44	42	43	40	39	40
5	47	45	47	42	40	41	44	42	43	42	40	41
6	46	43	44	41	40	40	54	42	44	43	41	42
7	48	42	43	40	38	39	51	35	38	43	41	42
8	58	42	44	40	38	39	36	34	35	41	37	39
9	57	41	42	41	40	40	36	35	36	37	35	35
10	42	41	42	41	40	40	39	36	37	37	35	36
11	42	40	41	40	35	38	40	38	39	38	36	37
12	41	40	40	35	31	33	41	39	40	37	36	37
13	42	40	41	33	31	32	42	40	41	39	37	37
14	43	41	42	36	33	35	42	41	41	40	38	39
15	42	30	37	38	36	37	42	41	42	40	38	39
16	30	29	30	39	38	39	43	41	42	38	35	36
17	33	30	32	39	37	38	43	42	42	39	35	36
18	35	33	34	37	35	36	44	42	42	39	38	38
19	36	35	36	35	34	35	44	42	43	39	37	38
20	36	35	36	35	33	34	44	43	44	39	37	38
21	38	36	37	37	35	36	45	43	44	40	38	38
22	39	37	38	39	37	38	44	42	42	40	38	39
23	40	38	39	40	38	39	43	42	42	41	39	40
24	41	38	39	40	39	39	42	41	42	42	41	41
25	41	39	40	40	33	35	42	41	41	41	39	40
26	42	40	41	36	34	35	42	41	41	41	39	40
27	43	40	41	38	35	37	54	40	43	40	38	38
28	43	41	42	40	37	38	45	40	41	41	38	39
29	---	---	---	41	39	40	40	38	39	42	40	41
30	---	---	---	41	40	40	40	38	39	42	40	41
31	---	---	---	41	40	41	---	---	---	42	38	39
Month	58	29	41	44	31	38	54	34	41	43	35	39

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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	40	38	38	50	47	48	60	57	58	64	62	63
2	39	37	38	50	48	49	60	58	59	64	63	63
3	39	36	37	51	48	49	60	58	59	64	63	63
4	39	36	37	51	48	49	60	58	59	64	62	63
5	39	36	37	50	48	49	60	58	59	64	62	63
6	41	37	39	52	48	49	60	58	59	64	62	63
7	43	40	42	52	50	50	60	58	59	64	63	63
8	44	42	43	52	50	51	60	58	59	68	62	64
9	44	43	43	52	52	52	60	59	59	64	63	63
10	44	37	40	54	50	52	61	59	59	65	63	64
11	40	38	39	53	52	52	60	59	60	65	63	64
12	44	40	41	54	51	52	61	59	60	69	64	64
13	44	42	43	54	52	53	61	59	60	66	64	64
14	43	40	42	55	52	53	61	60	60	66	63	65
15	44	43	43	55	53	54	62	59	60	66	63	65
16	44	42	42	55	53	54	61	60	60	66	65	65
17	45	43	44	55	54	54	62	59	61	66	64	65
18	46	45	45	55	54	54	62	60	61	66	64	65
19	47	45	46	55	53	54	62	59	60	66	65	65
20	47	45	46	55	53	55	62	58	60	66	63	65
21	47	44	45	56	54	55	61	58	59	65	63	64
22	47	44	45	57	55	56	61	59	60	65	64	64
23	47	45	46	57	55	56	62	60	61	65	63	63
24	49	47	48	58	55	56	62	60	61	64	63	63
25	49	47	48	58	56	57	63	61	62	65	63	63
26	50	49	49	58	56	57	63	61	62	65	63	64
27	50	48	49	58	57	57	62	61	62	65	63	64
28	50	48	49	59	57	58	63	61	62	65	60	63
29	49	46	47	59	57	58	63	62	62	63	61	62
30	48	45	46	59	57	58	65	62	63	63	58	61
31	---	---	---	59	57	58	64	62	63	---	---	---
Month	50	36	43	59	47	54	65	57	60	69	58	64

	Max	Min	Mean
Year	102	25	47

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	7.7	7.4	7.5	7.6	7.4	7.5	7.5	7.4	7.5	7.6	7.5	7.5
2	7.7	7.4	7.5	7.6	7.4	7.5	7.5	7.4	7.5	7.6	7.4	7.5
3	7.7	7.4	7.5	7.4	7.3	7.4	7.5	7.4	7.5	7.5	7.3	7.4
4	7.7	7.4	7.5	7.4	7.3	7.4	7.5	7.4	7.5	7.5	7.4	7.4
5	7.6	7.4	7.5	7.4	7.1	7.2	7.6	7.4	7.5	7.5	7.4	7.5
6	7.7	7.4	7.6	7.4	7.2	7.2	7.5	7.4	7.5	7.5	7.5	7.5
7	7.7	7.4	7.6	7.3	7.2	7.2	7.6	7.4	7.5	7.6	7.5	7.5
8	7.7	7.4	7.5	7.3	7.2	7.3	7.6	7.4	7.5	7.5	7.4	7.5
9	7.6	7.5	7.5	7.4	7.3	7.3	7.5	7.5	7.5	7.6	7.5	7.5
10	7.6	7.4	7.5	7.4	7.3	7.3	7.5	7.4	7.5	7.6	7.5	7.5
11	7.6	7.4	7.5	7.5	7.3	7.4	7.5	7.4	7.5	7.6	7.5	7.5
12	7.6	7.3	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.7	7.5	7.6
13	7.7	7.6	7.6	7.5	7.4	7.5	7.4	7.2	7.3	7.8	7.5	7.6
14	7.8	7.6	7.6	7.5	7.4	7.5	7.3	7.2	7.3	7.7	7.6	7.6
15	7.7	7.6	7.6	7.5	7.4	7.5	7.3	7.2	7.3	7.8	7.6	7.7
16	7.8	7.6	7.6	7.5	7.4	7.4	7.4	7.3	7.3	7.7	7.5	7.6
17	7.8	7.5	7.6	7.5	7.4	7.4	7.4	7.3	7.4	7.6	7.5	7.6
18	7.8	7.4	7.6	7.5	7.4	7.5	7.4	7.3	7.4	7.6	7.5	7.6
19	7.7	7.3	7.6	7.5	7.4	7.4	7.4	7.4	7.4	7.6	7.5	7.6
20	7.7	7.4	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.6	7.5	7.6
21	7.6	7.4	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.6	7.6	7.6
22	7.6	7.4	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.6	7.6	7.6
23	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.4	7.6	7.5	7.6
24	7.6	7.4	7.5	7.5	7.4	7.4	7.5	7.4	7.4	7.6	7.5	7.6
25	7.7	7.5	7.5	7.5	7.4	7.5	7.5	7.3	7.4	7.6	7.5	7.6
26	7.6	7.4	7.5	7.5	7.4	7.5	7.5	7.3	7.4	7.6	7.5	7.6
27	7.6	7.4	7.5	7.5	7.4	7.5	7.5	7.4	7.4	7.6	7.5	7.6
28	7.6	7.4	7.5	7.5	7.3	7.5	7.5	7.4	7.5	7.7	7.6	7.6
29	7.6	7.5	7.5	7.5	7.4	7.5	7.5	7.5	7.5	7.7	7.6	7.6
30	7.6	7.4	7.5	7.5	7.4	7.5	7.5	7.5	7.5	7.7	7.6	7.6
31	7.6	7.4	7.5	---	---	---	7.6	7.5	7.5	7.7	7.6	7.6
Max	7.8	7.6	7.6	7.6	7.4	7.5	7.6	7.5	7.5	7.8	7.6	7.7
Min	7.6	7.3	7.5	7.3	7.1	7.2	7.3	7.2	7.3	7.5	7.3	7.4

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	7.9	7.5	7.6	7.7	7.6	7.6	7.6	7.5	7.6	7.7	7.5	7.6
2	7.8	7.5	7.6	7.7	7.5	7.6	7.7	7.5	7.6	7.6	7.5	7.6
3	7.7	7.5	7.6	7.7	7.6	7.6	7.7	7.5	7.6	7.6	7.5	7.6
4	7.7	7.5	7.5	7.7	7.6	7.6	7.7	7.5	7.6	7.7	7.6	7.6
5	7.7	7.5	7.6	7.7	7.6	7.6	7.7	7.6	7.6	7.7	7.5	7.6
6	7.7	7.5	7.6	7.7	7.6	7.6	7.7	7.5	7.6	7.6	7.4	7.5
7	7.7	7.5	7.6	7.7	7.6	7.6	7.6	7.5	7.6	7.6	7.4	7.5
8	7.7	7.6	7.6	7.7	7.6	7.7	7.6	7.5	7.5	7.6	7.4	7.5
9	7.7	7.6	7.6	7.7	7.6	7.7	7.6	7.4	7.6	7.6	7.4	7.5
10	7.6	7.6	7.6	7.8	7.6	7.7	7.5	7.4	7.5	7.6	7.4	7.5
11	7.7	7.6	7.6	7.7	7.6	7.6	7.5	7.4	7.5	7.6	7.4	7.5
12	7.7	7.6	7.6	7.6	7.5	7.6	7.6	7.4	7.5	7.6	7.4	7.5
13	7.7	7.6	7.6	7.6	7.5	7.6	7.6	7.4	7.5	7.6	7.4	7.5
14	7.7	7.6	7.6	7.7	7.6	7.6	7.6	7.4	7.5	7.6	7.4	7.5
15	7.6	7.4	7.6	7.7	7.6	7.6	7.6	7.4	7.5	7.6	7.4	7.5
16	7.5	7.4	7.4	7.7	7.6	7.6	7.6	7.4	7.5	7.6	7.4	7.5
17	7.6	7.4	7.5	7.7	7.6	7.6	7.6	7.5	7.5	7.6	7.3	7.3
18	7.6	7.5	7.6	7.7	7.6	7.6	7.7	7.5	7.5	7.6	7.5	7.6
19	7.6	7.5	7.6	7.6	7.5	7.6	7.7	7.6	7.6	7.6	7.5	7.6
20	7.6	7.5	7.6	7.6	7.5	7.5	7.7	7.6	7.6	7.6	7.5	7.6
21	7.6	7.5	7.6	7.6	7.5	7.5	7.7	7.6	7.6	7.6	7.5	7.6
22	7.6	7.5	7.6	7.6	7.5	7.6	7.7	7.6	7.7	7.6	7.5	7.6
23	7.6	7.5	7.6	7.6	7.5	7.6	7.8	7.6	7.6	7.7	7.5	7.6
24	7.6	7.5	7.6	7.6	7.5	7.6	7.7	7.5	7.6	7.7	7.5	7.6
25	7.7	7.5	7.6	7.6	7.5	7.5	7.7	7.6	7.6	7.6	7.4	7.5
26	7.7	7.6	7.6	7.6	7.5	7.5	7.7	7.6	7.6	7.6	7.4	7.4
27	7.7	7.5	7.6	7.6	7.5	7.5	7.7	7.6	7.6	7.5	7.4	7.5
28	7.7	7.6	7.6	7.6	7.5	7.6	7.7	7.5	7.6	7.6	7.4	7.5
29	---	---	---	7.6	7.5	7.6	7.7	7.6	7.6	7.6	7.4	7.5
30	---	---	---	7.7	7.5	7.6	7.7	7.6	7.6	7.6	7.4	7.4
31	---	---	---	7.7	7.5	7.6	---	---	---	7.6	7.4	7.4
Max	7.9	7.6	7.6	7.8	7.6	7.7	7.8	7.6	7.7	7.7	7.6	7.6
Min	7.5	7.4	7.4	7.6	7.5	7.5	7.5	7.4	7.5	7.5	7.3	7.3

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.5	7.3	7.4	7.7	7.5	7.6	7.8	7.6	7.6	8.0	7.6	7.7
2	7.5	7.3	7.4	7.8	7.5	7.6	7.9	7.6	7.7	8.0	7.7	7.7
3	7.5	7.3	7.4	7.8	7.5	7.6	7.9	7.6	7.7	8.0	7.6	7.7
4	7.5	7.3	7.4	7.7	7.5	7.6	7.9	7.6	7.7	8.0	7.7	7.8
5	7.5	7.3	7.4	7.8	7.5	7.5	7.9	7.6	7.7	8.0	7.6	7.8
6	7.5	7.4	7.5	7.8	7.5	7.6	7.9	7.6	7.8	8.0	7.6	7.8
7	7.5	7.4	7.5	7.8	7.5	7.6	7.9	7.7	7.7	8.0	7.7	7.8
8	7.6	7.4	7.5	7.8	7.6	7.6	7.9	7.6	7.7	8.0	7.6	7.8
9	7.6	7.2	7.4	7.8	7.5	7.6	7.9	7.6	7.7	8.0	7.6	7.8
10	7.4	7.3	7.4	7.8	7.5	7.6	7.9	7.6	7.7	7.9	7.6	7.8
11	7.4	7.3	7.4	7.8	7.5	7.7	7.9	7.7	7.7	7.9	7.7	7.7
12	7.5	7.3	7.4	7.9	7.6	7.7	7.9	7.7	7.7	7.9	7.7	7.7
13	7.7	7.4	7.6	7.9	7.6	7.7	7.9	7.6	7.7	8.0	7.7	7.8
14	7.7	7.4	7.6	7.9	7.6	7.7	7.9	7.6	7.7	8.0	7.7	7.8
15	7.7	7.4	7.6	8.0	7.6	7.8	7.9	7.6	7.7	8.0	7.7	7.8
16	7.7	7.5	7.6	7.9	7.6	7.8	7.9	7.6	7.8	7.9	7.7	7.8
17	7.7	7.6	7.6	7.9	7.6	7.8	7.9	7.7	7.7	8.0	7.7	7.8
18	7.7	7.5	7.6	7.9	7.6	7.8	7.9	7.6	7.7	8.0	7.6	7.8
19	7.7	7.5	7.6	7.9	7.6	7.8	7.9	7.6	7.8	7.9	7.7	7.8
20	7.7	7.5	7.6	7.9	7.6	7.8	7.9	7.6	7.7	7.9	7.6	7.7
21	7.7	7.5	7.6	7.9	7.6	7.7	7.9	7.6	7.7	7.9	7.5	7.7
22	7.7	7.5	7.6	7.9	7.6	7.7	7.8	7.5	7.6	7.9	7.5	7.7
23	7.8	7.6	7.6	7.9	7.6	7.7	7.9	7.6	7.7	7.9	7.6	7.7
24	7.7	7.5	7.7	8.0	7.6	7.8	7.9	7.6	7.7	7.9	7.5	7.7
25	7.8	7.5	7.6	7.9	7.7	7.8	8.0	7.6	7.7	7.9	7.6	7.7
26	7.7	7.5	7.6	8.0	7.7	7.8	8.0	7.6	7.8	7.9	7.6	7.7
27	7.8	7.5	7.6	8.0	7.6	7.8	8.0	7.6	7.8	7.9	7.5	7.7
28	7.8	7.5	7.6	8.0	7.7	7.8	7.9	7.5	7.7	7.9	7.5	7.7
29	7.7	7.6	7.6	8.0	7.6	7.7	7.9	7.6	7.7	7.9	7.6	7.7
30	7.7	7.5	7.6	7.9	7.6	7.7	8.0	7.6	7.7	7.8	7.6	7.7
31	---	---	---	7.9	7.6	7.7	8.0	7.6	7.8	---	---	---
Max	7.8	7.6	7.7	8.0	7.7	7.8	8.0	7.7	7.8	8.0	7.7	7.8
Min	7.4	7.2	7.4	7.7	7.5	7.5	7.8	7.5	7.6	7.8	7.5	7.7

	Max	Min	Median
Year			
Maximum	8.0	7.7	7.8
Year			
Minimum	7.3	7.1	7.2

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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	9.5	8.1	9.0	4.2	2.8	3.4	5.2	4.6	4.8	4.6	3.6	4.0
2	9.4	8.0	8.8	5.7	4.2	4.9	4.6	3.7	4.0	5.0	4.3	4.6
3	9.0	8.3	8.7	7.3	5.7	6.6	4.0	3.3	3.7	5.1	4.6	5.0
4	9.4	8.3	8.9	8.0	7.3	7.5	4.6	3.5	4.0	4.7	4.2	4.4
5	9.4	7.8	8.6	8.7	7.9	8.2	5.0	4.3	4.5	4.5	4.1	4.3
6	9.8	8.8	9.4	9.8	8.7	9.5	4.3	3.8	4.1	4.5	3.3	4.0
7	9.7	8.6	9.2	9.8	8.6	9.6	4.6	3.9	4.2	4.9	4.4	4.6
8	8.6	7.3	8.1	8.6	7.4	8.0	5.0	4.3	4.5	5.4	4.8	5.1
9	9.1	8.1	8.5	7.4	6.9	7.1	5.3	4.6	4.9	5.2	4.8	5.0
10	8.2	6.8	7.6	7.0	6.4	6.7	5.5	4.9	5.2	5.0	3.5	4.1
11	7.6	6.2	7.0	6.5	6.1	6.2	5.6	5.1	5.3	3.6	2.6	3.3
12	7.7	6.5	7.2	6.7	5.7	6.3	5.8	5.5	5.6	2.6	1.5	2.0
13	7.9	6.7	7.3	7.0	5.8	6.6	5.7	5.3	5.6	2.6	1.2	1.9
14	8.0	7.0	7.6	6.8	6.4	6.6	6.0	5.4	5.7	2.6	1.7	2.1
15	8.4	7.9	8.3	7.4	6.3	6.8	5.7	4.4	4.8	2.2	1.1	1.7
16	8.6	8.0	8.4	7.4	6.4	6.8	4.7	4.0	4.3	3.1	1.9	2.3
17	9.1	8.2	8.5	6.7	6.0	6.3	4.1	3.2	3.6	3.3	2.9	3.1
18	8.8	8.1	8.5	6.6	5.9	6.3	3.9	2.9	3.4	3.8	2.9	3.3
19	9.3	8.5	8.9	7.0	6.1	6.5	4.1	3.1	3.6	4.0	3.4	3.6
20	9.2	8.3	8.9	7.1	6.6	6.9	4.4	3.5	3.9	4.1	3.5	3.8
21	8.3	6.5	7.2	6.6	5.8	6.2	4.7	4.2	4.4	4.0	3.4	3.7
22	7.2	6.2	6.7	5.9	5.4	5.6	4.7	4.4	4.5	3.7	3.4	3.5
23	7.0	6.1	6.7	5.6	5.1	5.4	5.0	4.4	4.7	3.9	3.4	3.6
24	7.5	6.9	7.3	6.2	5.3	5.8	5.0	4.5	4.8	3.4	2.9	3.2
25	7.6	6.8	7.2	5.9	5.4	5.7	5.1	4.4	4.8	3.3	2.6	3.0
26	6.9	5.5	6.1	5.5	4.6	5.2	5.3	4.8	5.1	3.3	2.5	2.9
27	6.1	5.4	5.8	5.0	3.9	4.6	5.3	4.6	5.0	3.2	2.5	2.9
28	5.8	4.9	5.4	4.5	3.7	4.1	4.6	3.9	4.2	2.8	1.9	2.4
29	6.0	5.3	5.7	4.3	3.7	4.0	4.4	3.6	4.0	2.9	1.7	2.3
30	5.9	4.2	5.0	4.9	4.0	4.4	4.5	3.7	4.1	2.9	2.2	2.6
31	4.2	3.1	3.5	---	---	---	4.4	3.9	4.1	2.6	1.9	2.3
Month	9.8	3.1	7.5	9.8	2.8	6.3	6.0	2.9	4.5	5.4	1.1	3.4

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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
	February			March			April			May		
1	2.4	1.5	2.0	3.5	2.4	2.9	6.2	4.5	5.3	8.0	6.7	7.2
2	2.7	1.4	2.0	3.8	3.0	3.4	5.7	4.2	4.9	7.3	5.7	6.7
3	3.4	2.0	2.6	4.9	3.7	4.2	5.6	3.3	4.4	7.0	4.8	5.8
4	4.0	3.3	3.6	5.0	3.8	4.4	7.0	5.0	5.9	7.3	5.3	6.2
5	4.3	3.2	3.7	5.4	4.3	4.7	7.9	4.8	6.2	7.7	5.2	6.4
6	4.4	3.5	3.9	5.3	4.0	4.6	8.5	5.5	6.9	8.6	5.8	7.1
7	4.5	3.6	4.0	5.2	4.4	4.7	8.1	6.4	6.9	10.6	6.8	8.5
8	4.8	4.1	4.4	5.5	4.4	4.9	6.9	5.4	6.1	11.1	7.1	9.0
9	5.0	4.2	4.5	5.2	4.5	4.8	6.5	5.2	5.7	10.5	7.3	8.8
10	4.4	3.6	4.0	5.8	4.7	5.2	6.4	4.4	5.2	10.2	6.5	8.3
11	5.0	4.2	4.5	6.2	5.0	5.4	5.7	4.3	4.9	9.4	6.4	7.9
12	5.0	4.2	4.6	5.5	5.0	5.2	5.8	4.5	5.1	8.7	7.3	8.0
13	4.9	3.8	4.3	5.7	4.7	5.1	7.5	4.8	5.9	9.3	6.5	7.7
14	4.9	4.3	4.6	5.5	4.4	4.9	7.0	5.9	6.4	10.2	5.9	7.9
15	5.4	4.6	4.9	5.5	3.6	4.4	7.2	5.0	6.0	11.3	7.1	9.1
16	5.4	5.0	5.2	6.3	4.1	5.0	6.0	4.4	5.2	11.0	8.0	9.4
17	5.4	4.9	5.1	6.8	4.5	5.5	6.2	5.3	5.7	10.6	7.0	8.7
18	5.1	4.1	4.8	6.8	5.5	6.0	6.2	4.5	5.4	10.7	6.9	8.7
19	4.7	4.1	4.4	6.2	5.4	5.7	6.9	4.5	5.5	10.0	8.0	8.9
20	4.7	3.8	4.4	5.6	4.6	5.0	7.1	3.9	5.5	8.6	7.0	7.5
21	4.4	3.8	4.1	5.4	3.8	4.5	6.2	4.9	5.5	7.9	6.3	7.0
22	4.7	3.8	4.2	6.4	4.3	5.2	7.5	5.5	6.3	9.7	6.3	7.8
23	3.9	3.4	3.6	6.7	4.9	5.7	8.6	5.8	7.0	10.0	6.4	8.2
24	3.7	3.0	3.4	6.7	5.4	6.0	7.9	6.1	7.0	11.7	7.9	9.5
25	4.5	3.6	4.0	6.4	5.2	5.9	8.1	6.5	7.2	10.6	7.7	9.2
26	4.5	3.7	4.0	5.4	4.0	4.7	8.6	5.5	7.0	11.3	8.2	9.7
27	3.8	3.3	3.5	5.0	4.2	4.6	9.6	5.9	7.6	10.4	8.6	9.4
28	3.5	2.7	3.2	5.8	4.0	4.8	10.1	7.0	8.3	11.0	7.0	8.9
29	---	---	---	6.4	3.6	4.8	8.8	6.7	7.7	11.9	7.4	9.6
30	---	---	---	6.9	4.4	5.5	9.1	6.1	7.5	12.7	8.2	10.4
31	---	---	---	6.5	5.7	6.0	---	---	---	13.0	8.8	10.8
Month	5.4	1.4	4.0	6.9	2.4	5.0	10.1	3.3	6.1	13.0	4.8	8.3

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, 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
	June			July			August			September		
1	13.0	8.9	11.0	13.5	9.4	11.6	15.3	11.8	13.8	13.9	11.4	12.7
2	13.6	9.3	11.4	14.1	10.1	12.2	15.7	12.8	14.4	13.8	11.3	12.6
3	13.0	9.8	11.4	14.4	10.0	12.3	15.3	12.2	14.0	13.7	11.2	12.5
4	12.0	9.7	10.9	15.4	10.8	13.2	15.0	11.8	13.6	13.4	12.3	12.8
5	11.4	8.6	9.5	15.9	11.5	13.9	14.4	11.5	13.2	14.0	11.5	12.4
6	9.6	7.6	8.5	15.4	11.6	13.8	14.9	11.9	13.3	13.3	11.0	12.2
7	9.0	7.8	8.4	15.1	11.1	13.3	14.7	12.1	13.4	12.3	10.2	11.4
8	11.8	7.2	9.3	14.9	10.8	13.1	15.2	12.2	13.7	12.1	9.6	10.8
9	11.3	8.6	9.3	15.3	11.0	13.4	14.8	12.1	13.4	12.1	9.5	10.8
10	9.6	8.6	9.1	16.0	11.5	14.0	14.1	11.0	12.7	12.2	9.8	10.9
11	9.7	7.9	8.8	15.6	12.3	14.1	13.9	10.8	12.6	12.2	9.9	11.1
12	11.6	7.0	9.2	16.3	12.6	14.7	14.1	11.2	12.8	12.5	10.2	11.3
13	12.7	9.0	10.8	16.3	12.7	14.8	14.0	10.8	12.6	11.9	10.5	11.3
14	12.6	8.7	10.6	15.6	12.5	14.4	14.6	11.3	13.1	12.4	11.2	11.7
15	11.8	9.3	10.3	15.5	12.6	14.3	15.0	11.8	13.5	12.6	11.0	11.7
16	11.5	9.1	10.1	14.9	12.8	14.0	14.9	12.7	13.7	11.6	10.6	11.0
17	11.7	8.5	10	14.6	12.6	13.2	14.1	11.5	12.8	11.5	10.5	10.9
18	12.4	8.0	10.3	12.7	11.6	12.1	12.9	11.2	12.1	10.9	9.9	10.4
19	13.1	8.7	11.0	13.9	11.1	12.3	12.3	11.4	11.8	10.7	9.2	9.9
20	13.2	9.3	11.4	13.1	11.2	12.0	11.8	11.1	11.5	9.8	8.2	9.2
21	13.7	9.9	11.9	13.0	11.2	12.0	13.9	11.1	12.3	10.3	8.4	9.3
22	12.9	10.0	11.1	15.2	11.8	13.3	14.2	11.4	12.9	10.9	9.4	9.9
23	11.3	8.5	10.1	15.4	12.4	14.1	14.0	11.2	12.8	9.9	9.3	9.6
24	10.8	8.4	9.5	15.9	12.8	14.5	14.2	11.4	13.0	9.3	7.5	8.5
25	12.5	8.3	10.2	15.1	11.5	13.7	14.1	11.5	12.9	9.3	7.5	8.4
26	13.2	8.4	10.9	15.7	12.2	14.2	13.5	11.9	12.8	9.7	7.9	8.7
27	12.8	9.5	11.1	15.6	12.2	14.2	12.8	10.1	11.6	10.2	8.5	9.2
28	13.0	9.7	11.4	15.6	12.2	14.2	13.1	10.3	11.8	9.9	8.6	9.4
29	12.4	9.9	10.6	15.4	12.2	14.0	13.5	10.9	12.3	8.7	7.9	8.4
30	13.0	8.9	10.8	15.4	12.3	14.0	14.8	12.0	13.4	8.8	8.3	8.5
31	---	---	---	14.8	11.3	13.3	14.4	12.6	13.6	---	---	---
Month	13.7	7.0	10.3	16.3	9.4	13.5	15.7	10.1	12.9	14.0	7.5	10.6

	Max	Min	Mean
Year	16.3	1.1	7.7

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	2.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.4	0.1	0.1
2	0.0	0.0	0.0	1.8	0.0	0.0	0.2	0.0	0.0	7.5	0.0	0.1
3	0.9	0.0	0.0	3.1	0.0	0.9	0.9	0.0	0.0	61	7.5	34
4	0.0	0.0	0.0	11	0.0	1.7	0.3	0.0	0.0	19	4.1	7.5
5	0.0	0.0	0.0	327	11	36	0.0	0.0	0.0	5.6	1.6	2.6
6	0.0	0.0	0.0	136	5.9	13	1.1	0.0	0.0	2.5	0.7	1.4
7	0.0	0.0	0.0	402	66	195	0.0	0.0	0.0	2.1	0.6	0.9
8	0.0	0.0	0.0	131	9.5	25	0.1	0.0	0.0	2.8	1.3	1.6
9	0.0	0.0	0.0	10	3.1	4.9	1.2	0.0	0.3	2.5	0.4	0.9
10	0.0	0.0	0.0	7.1	1.5	2.1	0.4	0.0	0.1	2.6	0.2	0.5
11	0.0	0.0	0.0	2.0	0.7	1.0	10	0.0	0.4	0.7	0.1	0.2
12	0.0	0.0	0.0	1.5	0.5	0.8	13	3.1	6.8	0.6	0.1	0.1
13	0.0	0.0	0.0	9.0	1.5	5.7	343	4.0	90	0.4	0.0	0.1
14	0.0	0.0	0.0	6.0	1.3	2.6	179	31	138	0.2	0.0	0.0
15	0.0	0.0	0.0	10	0.6	1.1	140	24	59	0.1	0.0	0.0
16	1.4	0.0	0.0	21	2.8	7.8	30	9.8	17	0.1	0.0	0.0
17	0.0	0.0	0.0	3.0	0.9	1.7	14	4.4	6.6	0.1	0.0	0.0
18	0.0	0.0	0.0	1.9	0.3	0.7	11	2.8	4.5	0.0	0.0	0.0
19	0.0	0.0	0.0	4.2	0.2	0.6	6.4	1.6	2.6	0.1	0.0	0.0
20	0.7	0.0	0.0	3.5	0.9	2.3	3.3	0.7	1.3	0.1	0.0	0.0
21	0.0	0.0	0.0	1.7	0.6	1.0	14	1.1	2.7	0.0	0.0	0.0
22	0.0	0.0	0.0	3.7	0.6	1.0	2.4	0.5	0.9	0.1	0.0	0.0
23	0.0	0.0	0.0	1.2	0.5	0.8	13	0.4	3.4	0.0	0.0	0.0
24	0.0	0.0	0.0	2.2	0.6	1.0	6.5	0.9	1.6	0.0	0.0	0.0
25	0.2	0.0	0.0	1.0	0.2	0.5	18	1.9	5.5	0.0	0.0	0.0
26	1.2	0.0	0.0	1.0	0.2	0.4	27	3.4	12	0.0	0.0	0.0
27	0.4	0.0	0.0	1.3	0.0	0.2	11	2.9	5.5	0.0	0.0	0.0
28	0.0	0.0	0.0	0.5	0.0	0.1	3.9	1.2	2.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.5	0.0	0.1	1.8	0.5	1.0	0.0	0.0	0.0
30	1.3	0.0	0.0	0.4	0.0	0.0	2.0	0.2	0.5	0.0	0.0	0.0
31	0.0	0.0	0.0	---	---	---	0.4	0.1	0.2	0.0	0.0	0.0
Max	2.9	0.0	0.0	402	66	195	343	31	138	61	7.5	34
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.8	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.1
3	0.1	0.0	0.0	0.6	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0
4	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.0
5	0.1	0.0	0.0	3.3	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.0
6	0.1	0.0	0.0	1.5	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0
7	0.0	0.0	0.0	0.8	0.0	0.0	1.0	0.1	0.2	0.3	0.0	0.0
8	0.1	0.0	0.0	2.7	0.0	0.0	1.0	0.1	0.2	0.4	0.0	0.1
9	0.4	0.0	0.0	1.2	0.0	0.0	0.4	0.1	0.2	1.6	0.1	0.3
10	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.9	0.0	0.1
11	0.4	0.0	0.0	4.9	0.0	1.8	0.4	0.0	0.1	0.4	0.0	0.1
12	0.4	0.0	0.0	11	2.7	7.0	0.8	0.0	0.1	0.4	0.0	0.1
13	0.3	0.0	0.0	8.2	1.8	3.7	0.2	0.0	0.0	0.3	0.0	0.0
14	0.0	0.0	0.0	2.3	0.4	1.1	0.6	0.0	0.0	0.2	0.0	0.0
15	25	0.0	2.8	1.7	0.1	0.4	0.3	0.0	0.0	0.3	0.0	0.0
16	19	5.4	9.0	0.5	0.0	0.1	1.7	0.0	0.0	0.5	0.0	0.2
17	6.3	2.0	3.5	0.1	0.0	0.1	0.2	0.0	0.0	0.4	0.0	0.1
18	4.6	0.6	1.3	0.3	0.1	0.1	0.6	0.0	0.0	0.2	0.0	0.0
19	1.1	0.1	0.4	1.6	0.1	0.1	0.3	0.0	0.0	0.2	0.0	0.0
20	1.5	0.1	0.5	6.1	0.1	0.1	0.3	0.0	0.0	0.4	0.0	0.0
21	0.6	0.0	0.1	0.3	0.0	0.1	0.4	0.0	0.0	0.5	0.0	0.1
22	0.2	0.0	0.0	0.4	0.0	0.1	0.5	0.0	0.1	0.4	0.0	0.0
23	0.1	0.0	0.0	0.4	0.0	0.1	0.3	0.0	0.0	0.3	0.0	0.0
24	0.9	0.0	0.0	0.2	0.0	0.1	0.4	0.0	0.0	0.5	0.0	0.0
25	0.0	0.0	0.0	2.1	0.1	0.4	0.3	0.0	0.0	0.3	0.0	0.0
26	0.3	0.0	0.0	0.7	0.1	0.1	0.5	0.0	0.0	0.4	0.0	0.0
27	0.0	0.0	0.0	0.2	0.1	0.1	0.5	0.0	0.0	0.5	0.0	0.1
28	0.0	0.0	0.0	0.3	0.0	0.1	0.4	0.0	0.1	0.8	0.0	0.0
29	---	---	---	0.2	0.0	0.0	0.3	0.0	0.1	0.2	0.0	0.0
30	---	---	---	0.2	0.0	0.1	0.2	0.0	0.1	1.1	0.0	0.0
31	---	---	---	0.2	0.0	0.1	---	---	---	2.3	0.0	0.1
Max	25	5.4	9.0	11	2.7	7.0	1.7	0.1	0.2	2.3	0.1	0.3
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0

14179000 BREITENBUSH RIVER ABOVE FRENCH CREEK, NEAR DETROIT, OR—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	0.8	0.0	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
2	1.1	0.0	0.2	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3	1.5	0.1	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
4	0.7	0.1	0.3	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
5	0.9	0.1	0.3	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
6	0.5	0.0	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0
7	0.5	0.0	0.1	3.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
8	0.6	0.0	0.0	0.1	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0
9	0.5	0.0	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0
10	1.2	0.1	0.4	0.3	0.0	0.0	0.7	0.0	0.0	0.1	0.0	0.0
11	2.3	0.1	0.2	0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0
12	1.7	0.2	0.6	0.7	0.0	0.0	0.6	0.0	0.0	0.5	0.0	0.0
13	0.7	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.9	0.2	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
15	1.2	0.2	0.4	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
16	0.7	0.2	0.4	0.5	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0
17	0.5	0.2	0.3	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
18	0.5	0.1	0.2	0.1	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0
19	0.2	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
21	0.4	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
22	0.1	0.0	0.0	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.4	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0
25	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	1.4	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
30	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
31	---	---	---	0.2	0.0	0.0	1.2	0.0	0.0	---	---	---
Max	2.3	0.2	0.6	3.1	0.0	0.0	3.1	0.0	0.0	1.3	0.0	0.0
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	Max	Min	Median
Year			
Maximum	402	66	195
Year			
Minimum	0.0	0.0	0.0