Water-Data Report 2008

03183500 GREENBRIER RIVER AT ALDERSON, WV

Kanawha Basin
Greenbrier Subbasin

LOCATION.--Lat 37°43′27″, long 80°38′30″ referenced to North American Datum of 1927, Monroe County, WV, Hydrologic Unit 05050003, on left bank 400 ft upstream from highway bridge at Alderson, 0.5 mi upstream from Muddy Creek, and at mile 29.2.

DRAINAGE AREA.--1,364 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 1895 to current year (daily discharge and peaks, monthly discharge only for some periods published in WSP 1305).

REVISED RECORDS.--WSP 536: 1907-9. WSP 803: 1918(M). WSP 953: 1930-41. WSP 1275:1897, 1905, 1910, 1914(M), 1915-16, 1917(M),1919-20(M), 1924-25(M), 1927(M), 1929, 1949, WDR WV-82-1: Drainage area. WDR WV-97-1: 1930(M), 1932(M), 1935-37(M), 1939(P),1943(P), 1946(M), 1955(P), 1963(M), 1967(M), 1974(M), 1977(M).

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 1,529.01 ft above NAVD 88 (1,529.57 ft above NGVD 29, corrected). Prior to Oct. 15, 1929, nonrecording gage at bridge 400 ft downstream at same datum.

REMARKS.--No estimated daily discharges. Water-discharge records good.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 19,000 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jan 12	0300	25,200	11.58
Mar 5	1800	*35,800	*14.61

Minimum discharge, 55 ft^3/s, Oct. 14, 16, 17, 18, Sept. 25, gage height, 2.00 ft.

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	80	443	585	3,730	2,740	1,780	1,360	4,420	806	308	185	131
2	78	368	523	3,060	8,780	1,820	1,300	3,290	733	298	175	140
3	78	312	498	2,390	7,630	1,760	1,270	2,580	716	259	171	152
4	76	269	973	1,800	5,080	2,200	2,790	2,100	987	228	153	126
5	75	239	1,820	1,390	7,140	27,700	4,610	1,740	1,100	219	136	108
6	74	214	1,440	1,440	7,740	17,600	5,050	1,460	1,980	214	194	98
7	79	210	1,100	1,730	6,850	7,650	7,780	1,240	1,880	280	229	91
8	75	209	922	2,530	5,810	5,280	6,370	1,120	1,370	872	182	84
9	73	211	933	2,410	4,400	4,420	4,510	3,720	1,030	845	153	88
10	69	286	3,300	2,230	3,340	3,560	3,390	11,700	818	1,370	132	126
11	64	261	8,180	9,930	2,550	3,040	2,690	9,030	670	1,210	116	153
12	63	244	4,610	18,700	1,970	2,700	2,700	9,850	562	798	110	121
13	60	241	2,990	8,100	1,790	2,360	3,730	10,200	478	540	102	105
14	59	265	2,830	5,020	1,800	2,030	3,220	7,100	442	445	99	99
15	59	497	3,200	3,530	1,780	1,870	2,650	4,920	401	422	127	98
16	59	2,860	4,010	2,620	1,640	2,110	2,160	4,210	379	425	121	91
17	57	2,380	7,050	2,070	1,560	3,710	1,790	4,900	363	413	128	85
18	57	1,560	4,780	1,780	1,510	3,430	1,560	4,550	344	320	118	77
19	58	1,170	3,100	1,580	1,600	2,990	1,380	4,000	331	259	104	74
20	59	967	2,290	1,370	1,600	4,310	1,410	3,590	299	218	94	72
21	58	857	1,830	1,060	1,450	7,190	1,600	6,420	279	191	105	71
22	60	765	1,550	893	1,270	5,100	2,290	6,040	256	189	98	68
23	68	675	1,360	717	1,320	3,880	2,320	4,240	280	210	88	65
24	98	589	3,080	878	1,460	2,940	2,070	3,020	348	236	82	64
25	546	516	4,720	828	1,580	2,320	1,820	2,270	422	257	74	60
26	2,580	460	3,360	667	1,590	1,920	1,640	1,810	369	262	76	62
27	2,710	440	2,480	713	1,700	1,650	1,820	1,550	303	294	105	71
28	1,910	496	1,970	737	2,010	1,500	2,390	1,380	277	258	146	81
29	1,320	648	3,080	683	1,980	1,550	7,250	1,260	272	208	136	82
30	854	671	6,080	756	---	1,560	6,360	1,080	272	181	155	76
31	585	---	4,520	1,690	---	1,470	---	910	---	179	138	---
Total	12,141	19,323	89,164	87,032	91,670	133,400	91,280	125,700	18,767	12,408	4,032	2,819
Mean	392	644	2,876	2,807	3,161	4,303	3,043	4,055	626	400	130	94.0
Max	2,710	2,860	8,180	18,700	8,780	27,700	7,780	11,700	1,980	1,370	229	153
Min	57	209	498	667	1,270	1,470	1,270	910	256	179	74	60
Cfsm	0.29	0.47	2.11	2.06	2.32	3.15	2.23	2.97	0.46	0.29	0.10	0.07
In.	0.33	0.53	2.43	2.37	2.50	3.64	2.49	3.43	0.51	0.34	0.11	0.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	726	1,316	2,260	3,027	3,450	4,492	3,116	2,418	1,343	809	700	458
Max	4,480	6,006	6,409	7,866	7,739	10,970	7,568	5,700	6,045	3,481	4,390	2,805
(WY)	(1977)	(1986)	(1974)	(1996)	(1897)	(1963)	(1987)	(1996)	(1907)	(1919)	(1898)	(2003)
Min	35.6	68.9	172	242	411	1,036	802	489	203	68.9	43.2	33.8
(WY)	(1931)	(1931)	(1931)	(1981)	(1934)	(2006)	(1915)	(1941)	(1991)	(1930)	(1930)	(1930)

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1895 - 2008	
Annual total	676,440		687,736			
Annual mean	1,853		1,879		2,004	
Highest annual mean					3,606	2003
Lowest annual mean					983	1941
Highest daily mean	29,800	Apr 16	27,700	Mar 5	63,100	Jan 20, 1996
Lowest daily mean	57	Sep 9[a]	57	Oct 17[b]	26	Aug 11, 1930
Annual seven-day minimum	58	Oct 15	58	Oct 15	28	Sep 29, 1930
Maximum peak flow			35,800	Mar 5	[c]94,000	Jan 20, 1996
Maximum peak stage			14.61	Mar 5	24.33	Jan 20, 1996
Instantaneous low flow			55	Oct 14[d]	24	Aug 12, 1930[f]
Annual runoff (cfsm)	1.36		1.38		1.47	
Annual runoff (inches)	18.45		18.76		19.96	
10 percent exceeds	4,170		4,640		4,820	
50 percent exceeds	756		980		954	
90 percent exceeds	90		81		144	

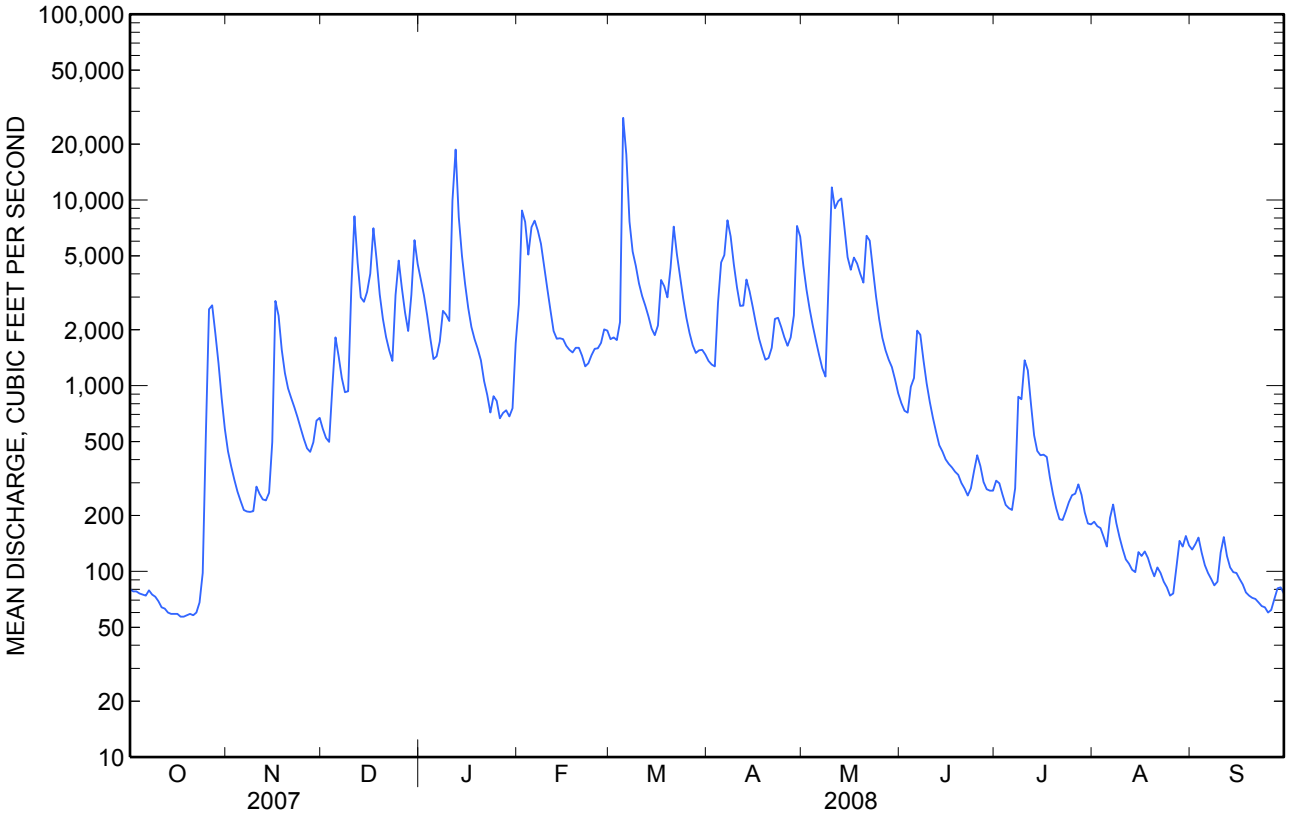
[a] Also Oct. 17, 18.

[b] Also Oct. 18.

[c] From rating curve extended above 37,000 ft³/s on basis of slope-area measurement of peak flow.

[d] Also Oct. 16, 17, 18, and Sept. 25.

[f] Also Oct. 1, 2, 1930.



03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April to September 2007.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 2007 to current year.
pH: April 2007 to current year.
WATER TEMPERATURE: April 2007 to current year.
DISSOLVED OXYGEN: April 2007 to current year.

INSTRUMENTATION.--Water-quality monitor April to September 2007.

REMARKS.--Records for temperature are rated excellent; records for pH are rated excellent or good; records for specific conductance are rated excellent, except for the period of 12 December 2007 through 23 January 2008, which was rated good; records for dissolved oxygen are rated from excellent or good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 270 microsiemens, Sep. 13, 2008; minimum recorded, 55 microsiemens, Dec 12, 2007.
pH: Maximum recorded, 9.4 units, Aug. 31, Sept. 2, 27, 2007, Jul. 20, 21, 22, 2008; minimum recorded, 7.0 units, Jan, 5 and 21, 2008.
WATER TEMPERATURE: Maximum recorded, 29.9° C, Aug. 9, 10, 2007; minimum recorded, 0.0°C, Jan. 4 and 23, 2008.
DISSOLVED OXYGEN: Maximum recorded, 14.8 mg/L, Sep. 19, 2008; minimum recorded, 4.5 mg/L, Aug. 23, 2007.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 270 microsiemens, Sept. 13; minimum recorded, 55 microsiemens, Dec 12.
pH: Maximum recorded, 9.4 units, Jul. 20, 21, and 22; minimum recorded, 7.0 units, Jan, 5 and 21.
WATER TEMPERATURE: Maximum recorded, 29.1°C, July 21 and 22; minimum recorded, 0.0°C, Jan. 4 and 23.
DISSOLVED OXYGEN: Maximum recorded, 14.8 mg/L, Sep. 19; minimum recorded, 6.0 mg/L, Jul, 14.

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	218	201	209	151	147	149	127	104	123	98	97	98
2	223	204	212	156	151	153	127	124	126	98	97	97
3	222	205	214	160	155	157	128	126	127	98	97	98
4	222	198	209	168	160	164	133	117	130	102	98	100
5	222	199	209	170	166	168	117	106	110	109	102	106
6	222	200	211	174	168	171	110	101	106	111	107	109
7	224	200	213	178	172	175	101	99	99	112	109	111
8	225	204	212	181	175	177	102	99	100	111	102	106
9	228	205	216	179	175	177	115	102	107	102	97	99
10	227	208	220	176	174	175	123	101	116	99	98	99
11	---	---	---	174	168	171	101	67	75	134	89	106
12	---	---	---	168	166	167	84	55	70	89	72	77
13	---	---	---	170	167	168	79	73	76	95	76	84
14	---	---	---	171	140	168	85	70	81	91	87	89
15	---	---	---	175	165	169	92	85	90	98	91	94
16	---	---	---	165	130	143	116	90	102	102	98	100
17	---	---	---	130	111	120	110	98	103	104	102	103
18	---	---	---	111	106	108	98	95	96	109	104	107
19	---	---	---	107	106	106	99	96	97	113	108	111
20	---	---	---	110	106	107	103	99	100	117	113	115
21	---	---	---	111	108	109	104	101	102	123	117	120
22	---	---	---	113	110	112	109	104	107	135	123	129
23	---	---	---	115	112	113	116	109	113	139	135	136
24	---	---	---	117	94	114	123	113	118	135	129	133
25	---	---	---	118	116	116	115	96	104	136	129	133
26	---	---	---	120	117	119	96	90	92	139	134	137
27	---	---	---	123	120	121	91	90	90	141	137	139
28	---	---	---	128	114	126	92	91	91	137	133	135
29	---	---	---	130	122	124	115	92	103	135	132	134
30	---	---	---	122	120	121	110	97	101	137	131	134
31	---	---	---	---	---	---	98	97	97	143	126	136
Month	---	---	---	181	94	142	133	55	102	143	72	112

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	126	113	116	98	96	97	111	107	109	78	75	76
2	115	74	98	97	95	96	112	111	112	82	78	80
3	77	73	75	98	95	96	112	109	111	86	82	84
4	89	77	80	110	98	100	143	109	124	91	86	89
5	96	84	90	119	61	84	113	101	105	96	91	93
6	89	81	85	94	58	67	120	101	111	100	96	99
7	84	82	83	85	61	77	114	93	102	105	100	103
8	85	83	83	87	82	84	94	88	89	108	104	107
9	87	85	86	96	87	89	92	88	90	116	82	107
10	91	87	89	94	90	92	97	92	94	83	67	70
11	95	91	93	98	93	96	102	97	99	79	63	67
12	99	95	98	100	98	99	105	102	104	74	65	70
13	103	99	102	102	100	101	105	94	100	74	71	72
14	105	103	104	104	102	103	95	93	94	79	71	72
15	104	102	103	108	104	106	93	93	93	80	75	78
16	103	101	102	111	108	109	96	93	94	85	80	82
17	102	101	101	108	98	103	99	96	98	89	85	87
18	102	101	102	99	96	97	104	99	101	89	86	87
19	102	99	100	97	96	96	106	101	105	87	86	87
20	100	98	99	105	88	100	116	106	110	89	86	87
21	102	100	101	89	80	83	117	113	115	89	80	85
22	105	94	100	84	80	82	113	100	106	80	74	75
23	107	104	106	88	84	86	100	91	95	79	75	77
24	107	104	106	93	88	90	91	88	90	85	79	82
25	105	104	104	97	93	95	90	88	89	91	85	88
26	106	105	105	101	97	99	93	90	92	96	91	94
27	107	106	107	105	101	103	105	93	98	103	96	101
28	107	100	104	108	105	107	112	98	104	105	103	104
29	100	96	98	108	101	107	108	78	87	108	105	107
30	---	---	---	106	104	105	78	74	75	113	108	111
31	---	---	---	107	105	106	---	---	---	118	113	115
Month	126	73	97	119	58	95	143	74	100	118	63	88

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	122	118	120	189	185	187	187	176	182	236	223	229
2	127	122	124	195	188	191	193	181	187	225	211	220
3	129	126	128	194	181	190	202	165	195	220	213	217
4	144	126	133	190	185	187	209	193	204	214	201	209
5	144	132	137	191	184	187	219	195	213	211	189	204
6	133	106	122	193	183	188	210	203	206	213	189	204
7	106	89	98	200	193	195	204	189	196	211	189	204
8	90	89	89	199	161	184	193	180	187	214	190	205
9	97	89	93	163	159	161	190	181	185	219	190	206
10	103	96	99	174	159	168	193	180	189	221	201	214
11	111	103	106	165	146	153	191	186	189	257	221	237
12	117	94	109	147	145	146	195	186	191	269	257	264
13	123	117	119	145	142	144	197	190	194	270	248	262
14	127	122	124	147	143	145	196	189	194	257	225	244
15	137	127	131	164	147	155	199	192	195	245	213	233
16	143	137	141	164	157	161	212	194	205	241	214	234
17	145	142	143	157	149	152	208	200	204	242	211	228
18	154	145	149	152	150	151	209	200	204	245	218	232
19	158	154	156	158	152	155	204	181	199	242	203	224
20	158	156	158	164	158	160	203	193	199	234	206	221
21	164	158	161	168	163	165	208	203	205	234	208	221
22	165	162	163	176	162	170	206	196	203	236	214	223
23	173	163	165	175	165	170	208	196	204	234	202	220
24	182	173	179	183	172	178	212	196	205	228	204	217
25	176	160	169	195	182	186	216	191	205	231	203	216
26	162	158	160	196	185	188	215	202	209	233	203	221
27	164	162	163	186	174	178	217	206	211	234	215	225
28	168	163	166	174	171	173	255	217	241	233	218	227
29	178	165	172	175	170	172	253	243	248	241	226	235
30	188	176	180	180	172	175	253	246	250	247	228	239
31	---	---	---	185	173	178	248	229	240	---	---	---
Month	188	89	139	200	142	171	255	165	204	270	189	224

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		October			November			December			January	
1	---	---	---	7.8	7.7	7.8	8.3	7.9	8.0	7.8	7.5	7.6
2	---	---	---	7.9	7.7	7.8	8.2	7.8	8.0	7.7	7.5	7.6
3	---	---	---	7.8	7.7	7.8	8.0	7.6	7.8	7.5	7.2	7.4
4	---	---	---	7.8	7.7	7.8	8.2	7.7	7.9	7.2	7.1	7.2
5	---	---	---	7.9	7.7	7.8	8.1	7.6	7.8	7.3	7.0	7.1
6	---	---	---	8.0	7.6	7.8	7.6	7.5	7.6	7.4	7.1	7.2
7	---	---	---	8.0	7.8	7.8	7.5	7.4	7.4	8.0	7.4	7.9
8	---	---	---	8.0	7.5	7.9	7.5	7.3	7.4	8.1	7.8	7.9
9	---	---	---	7.9	7.7	7.8	8.2	7.3	7.6	8.0	7.7	7.8
10	---	---	---	7.9	7.6	7.8	8.1	7.6	7.9	7.7	7.5	7.6
11	---	---	---	8.0	7.7	7.8	7.6	7.4	7.5	7.7	7.4	7.5
12	---	---	---	8.0	7.6	7.8	7.6	7.5	7.5	7.6	7.4	7.4
13	---	---	---	7.8	7.5	7.7	7.7	7.6	7.6	7.8	7.3	7.5
14	---	---	---	7.8	7.5	7.6	7.9	7.6	7.7	7.7	7.6	7.7
15	---	---	---	7.8	7.3	7.6	7.8	7.7	7.8	7.6	7.3	7.4
16	---	---	---	7.8	7.7	7.8	7.8	7.8	7.8	7.3	7.2	7.2
17	---	---	---	7.8	7.7	7.7	7.8	7.6	7.7	7.2	7.1	7.2
18	---	---	---	7.7	7.6	7.7	7.6	7.3	7.4	7.8	7.1	7.2
19	---	---	---	7.8	7.6	7.7	7.3	7.2	7.2	7.5	7.3	7.4
20	---	---	---	7.8	7.6	7.7	7.3	7.2	7.2	7.3	7.1	7.2
21	---	---	---	7.9	7.6	7.8	7.3	7.2	7.2	7.8	7.0	7.2
22	---	---	---	7.8	7.6	7.7	7.9	7.2	7.2	7.6	7.2	7.4
23	---	---	---	8.1	7.6	7.8	7.9	7.7	7.8	7.9	7.3	7.8
24	---	---	---	8.2	7.7	7.9	7.8	7.6	7.7	7.9	7.8	7.8
25	---	---	---	8.2	7.7	7.9	7.6	7.3	7.4	7.9	7.8	7.8
26	---	---	---	8.1	7.8	7.9	7.7	7.3	7.5	7.9	7.8	7.8
27	---	---	---	8.2	7.7	7.9	7.7	7.5	7.6	7.9	7.8	7.9
28	---	---	---	8.3	7.8	8.0	7.5	7.2	7.3	7.9	7.8	7.9
29	---	---	---	8.2	7.9	8.0	8.0	7.3	7.4	7.9	7.8	7.8
30	---	---	---	8.3	7.9	8.0	7.9	7.7	7.8	8.0	7.8	7.9
31	---	---	---	---	---	---	7.8	7.6	7.7	8.1	7.9	7.9
Max	---	---	---	8.3	7.9	8.0	8.3	7.9	8.0	8.1	7.9	7.9
Min	---	---	---	7.7	7.3	7.6	7.3	7.2	7.2	7.2	7.0	7.1

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	7.9	7.8	7.8	8.0	7.6	7.7	8.3	7.7	8.0	8.1	7.6	7.7
2	7.8	7.6	7.7	8.1	7.6	7.7	8.6	7.7	8.0	8.3	7.6	7.8
3	7.6	7.5	7.6	8.2	7.6	7.8	8.2	7.7	7.9	8.1	7.6	7.8
4	7.7	7.6	7.6	7.8	7.6	7.7	7.8	7.6	7.7	8.5	7.6	7.8
5	7.7	7.6	7.7	7.8	7.2	7.4	7.8	7.5	7.6	8.4	7.6	8.1
6	7.7	7.6	7.6	7.3	7.2	7.2	7.7	7.5	7.6	8.4	7.6	8.1
7	7.7	7.6	7.7	7.3	7.2	7.3	7.6	7.4	7.4	8.3	7.7	8.0
8	7.7	7.6	7.7	7.4	7.3	7.3	7.7	7.4	7.4	8.1	7.6	7.9
9	7.8	7.6	7.7	7.3	7.2	7.3	8.0	7.5	7.7	8.1	7.4	7.7
10	7.8	7.7	7.8	7.4	7.2	7.3	8.3	7.5	7.7	7.4	7.3	7.3
11	7.9	7.7	7.8	7.5	7.3	7.3	8.4	7.6	7.8	7.3	7.2	7.2
12	7.9	7.7	7.8	7.5	7.3	7.4	8.5	7.6	8.0	7.5	7.2	7.5
13	7.9	7.7	7.8	7.7	7.3	7.3	8.0	7.6	7.8	7.5	7.4	7.4
14	7.8	7.6	7.8	7.8	7.6	7.7	7.9	7.5	7.7	7.5	7.3	7.4
15	7.8	7.6	7.6	7.9	7.6	7.7	8.2	7.4	7.7	7.7	7.3	7.4
16	7.8	7.6	7.7	8.0	7.7	7.8	8.4	7.1	7.7	7.7	7.5	7.6
17	7.7	7.6	7.6	7.9	7.7	7.8	8.4	7.4	7.8	8.0	7.6	7.7
18	7.9	7.6	7.7	7.9	7.6	7.8	8.6	7.5	8.0	7.7	7.6	7.6
19	8.0	7.6	7.7	7.8	7.6	7.7	8.4	7.6	8.0	8.2	7.6	7.7
20	7.9	7.6	7.7	7.9	7.7	7.7	8.3	7.5	7.9	8.0	7.7	7.8
21	7.9	7.6	7.7	7.7	7.5	7.6	8.3	7.6	8.0	7.9	7.7	7.8
22	7.9	7.6	7.7	7.7	7.5	7.6	8.3	7.6	7.9	8.0	7.7	7.8
23	7.9	7.6	7.7	7.8	7.6	7.7	8.7	7.4	7.9	8.1	7.7	7.8
24	8.0	7.6	7.8	7.9	7.6	7.7	8.8	7.5	8.2	8.4	7.7	7.9
25	8.1	7.6	7.8	8.0	7.6	7.8	8.7	7.6	8.1	8.5	7.7	8.0
26	7.9	7.6	7.7	8.0	7.6	7.8	8.6	7.6	8.2	8.4	7.8	8.1
27	8.2	7.6	7.8	8.1	7.6	7.8	8.5	7.6	8.1	8.3	7.8	8.0
28	8.0	7.7	7.8	8.0	7.7	7.8	8.2	7.6	7.8	8.2	7.8	7.9
29	8.0	7.6	7.7	8.3	7.7	7.9	7.7	7.6	7.6	8.5	7.8	8.0
30	---	---	---	8.1	7.7	7.9	7.8	7.6	7.6	8.5	7.9	8.3
31	---	---	---	8.4	7.7	7.9	---	---	---	8.5	8.0	8.2
Max	8.2	7.8	7.8	8.4	7.7	7.9	8.8	7.7	8.2	8.5	8.0	8.3
Min	7.6	7.5	7.6	7.3	7.2	7.2	7.6	7.1	7.4	7.3	7.2	7.2

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	8.3	7.9	8.1	8.3	8.0	8.1	9.1	7.9	8.7	8.4	7.8	8.1
2	8.4	7.8	8.0	8.4	8.1	8.2	8.9	7.8	8.6	8.5	7.9	8.3
3	8.3	7.8	8.1	8.6	8.2	8.3	9.0	7.8	8.6	8.6	8.0	8.4
4	8.3	7.7	7.9	8.5	8.1	8.3	9.0	8.0	8.7	8.8	8.1	8.5
5	8.4	7.9	8.2	8.4	7.8	8.1	8.8	8.1	8.6	9.0	8.2	8.5
6	8.5	7.8	8.3	8.4	7.8	8.0	8.8	8.1	8.6	9.0	8.2	8.4
7	8.3	7.6	7.9	8.7	7.7	8.1	8.8	8.2	8.6	9.0	8.2	8.4
8	8.3	7.5	7.9	8.4	7.9	8.1	9.0	7.8	8.4	9.0	8.0	8.4
9	8.3	7.6	8.0	8.2	7.7	7.9	9.0	7.8	8.6	8.8	7.7	7.9
10	8.2	7.7	8.0	8.0	7.7	7.9	9.0	8.0	8.6	8.8	7.8	8.2
11	8.2	7.7	8.0	8.2	7.7	7.9	9.0	8.5	8.8	8.2	7.7	8.0
12	8.4	7.8	8.1	8.3	7.6	8.0	9.0	8.6	8.9	8.2	7.7	8.0
13	8.4	7.8	8.0	8.3	7.6	8.0	9.0	8.6	8.9	8.3	7.7	7.9
14	8.2	7.6	8.0	8.4	7.6	8.0	9.1	8.6	8.8	8.6	7.7	8.1
15	8.3	7.6	7.9	8.5	7.8	8.1	9.0	8.5	8.9	8.9	7.8	8.3
16	8.3	7.8	8.1	8.6	7.8	8.2	9.0	8.4	8.7	8.9	7.8	8.1
17	8.4	7.8	8.1	9.1	7.9	8.5	9.0	8.4	8.8	9.0	7.8	8.4
18	8.5	7.9	8.3	9.2	8.5	8.9	9.0	8.3	8.8	8.9	7.7	8.4
19	8.5	8.1	8.4	9.3	8.6	9.0	9.0	8.5	8.8	9.1	7.7	8.4
20	8.6	8.2	8.4	9.4	8.7	9.1	8.8	8.4	8.7	9.0	7.7	8.5
21	8.7	8.3	8.4	9.4	8.5	9.1	9.0	8.4	8.7	9.0	7.8	8.5
22	8.8	8.3	8.4	9.4	8.4	9.1	8.9	8.6	8.8	8.9	7.8	8.5
23	8.6	8.3	8.4	9.2	8.3	9.0	8.9	8.4	8.7	8.8	7.8	8.6
24	8.4	8.1	8.3	9.2	8.1	8.8	8.9	8.4	8.7	8.7	7.8	8.5
25	8.8	8.2	8.4	9.2	8.4	8.8	9.0	8.2	8.4	8.9	7.8	8.4
26	8.8	8.4	8.7	9.1	8.5	8.8	8.7	8.1	8.3	8.6	7.7	8.2
27	8.8	8.5	8.7	9.1	8.6	8.8	8.1	7.8	7.9	8.6	7.5	8.0
28	8.6	8.2	8.5	9.1	8.6	8.8	7.9	7.8	7.8	8.6	7.5	8.0
29	8.4	8.2	8.3	9.2	8.2	8.8	8.2	7.6	7.9	8.6	7.7	7.9
30	8.4	8.0	8.1	9.2	8.1	8.9	8.3	7.7	8.0	8.6	7.6	8.0
31	---	---	---	9.1	8.0	8.8	8.3	7.7	8.1	---	---	---
Max	8.8	8.5	8.7	9.4	8.7	9.1	9.1	8.6	8.9	9.1	8.2	8.6
Min	8.2	7.5	7.9	8.0	7.6	7.9	7.9	7.6	7.8	8.2	7.5	7.9

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	19.9	16.5	18.2	10.9	10.0	10.5	4.2	3.5	3.8	5.4	4.0	4.8
2	19.8	16.3	18.0	10.1	9.0	9.6	4.5	4.0	4.3	4.0	2.0	3.0
3	20.8	17.4	19.0	9.6	8.4	8.9	4.8	3.4	4.3	2.0	0.4	1.0
4	21.2	18.4	19.9	9.3	7.7	8.5	3.4	2.4	3.1	0.4	0.0	0.1
5	22.0	19.1	20.4	9.4	7.3	8.4	2.4	1.8	2.1	0.5	0.1	0.2
6	22.2	18.8	20.5	9.1	7.7	8.4	1.9	0.9	1.3	2.9	0.5	1.7
7	22.4	19.4	20.8	7.8	6.9	7.4	1.1	0.7	0.9	4.0	2.9	3.4
8	23.3	19.9	21.5	7.4	5.9	6.7	1.9	1.1	1.5	5.0	3.8	4.3
9	---	---	---	7.6	6.3	7.0	3.9	1.9	2.8	6.1	5.0	5.6
10	---	---	---	7.3	6.5	6.9	6.3	3.9	5.2	5.8	5.3	5.4
11	---	---	---	7.0	5.9	6.5	8.8	6.0	7.5	7.1	5.4	6.2
12	---	---	---	8.1	6.6	7.3	9.5	8.7	9.1	7.1	6.8	6.9
13	---	---	---	9.0	7.8	8.5	9.9	9.4	9.7	6.8	6.2	6.3
14	---	---	---	9.8	8.8	9.3	9.7	8.3	9.0	6.2	4.8	5.5
15	---	---	---	10.0	8.6	9.3	8.3	6.5	7.3	4.8	3.5	4.2
16	---	---	---	8.6	7.5	8.1	6.5	5.5	6.0	3.5	2.5	2.8
17	---	---	---	7.5	6.3	6.7	5.5	4.2	4.8	2.7	2.2	2.4
18	---	---	---	6.6	5.9	6.2	4.2	3.3	3.5	3.1	2.3	2.6
19	---	---	---	7.3	6.4	6.8	3.3	2.9	3.0	3.0	2.6	2.9
20	---	---	---	8.5	7.3	7.9	3.2	2.6	2.9	2.6	0.4	1.2
21	---	---	---	9.1	8.0	8.4	3.3	3.1	3.2	0.4	0.1	0.1
22	---	---	---	9.4	8.7	9.1	3.9	3.1	3.4	0.3	0.1	0.2
23	---	---	---	8.7	6.6	7.7	5.5	3.9	4.8	0.7	0.0	0.5
24	---	---	---	6.6	5.2	5.7	5.3	4.5	4.9	0.8	0.4	0.6
25	---	---	---	5.8	5.1	5.5	4.9	4.3	4.5	0.4	0.1	0.2
26	---	---	---	6.6	5.6	6.1	4.4	4.0	4.2	0.5	0.1	0.3
27	---	---	---	6.7	6.2	6.5	4.2	3.8	4.0	1.2	0.5	0.7
28	---	---	---	6.2	5.7	6.0	4.3	3.7	4.0	1.4	0.5	0.9
29	---	---	---	5.7	5.2	5.5	5.8	4.3	5.1	2.2	1.3	1.7
30	---	---	---	5.2	4.2	4.5	6.0	5.8	5.9	2.6	2.0	2.2
31	---	---	---	---	---	---	5.9	5.4	5.6	2.6	1.7	2.0
Month	---	---	---	10.9	4.2	7.5	9.9	0.7	4.6	7.1	0.0	2.6

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	1.8	0.2	1.1	4.2	2.7	3.4	11.8	9.3	10.4	12.8	11.2	11.9
2	2.7	1.8	2.1	5.3	3.6	4.4	12.3	10.8	11.6	15.0	12.4	13.5
3	3.9	2.7	3.2	6.9	5.0	5.8	12.0	9.8	11.1	15.8	14.9	15.3
4	4.9	3.9	4.3	7.9	6.9	7.5	9.8	9.0	9.3	16.7	15.0	15.8
5	6.7	4.9	5.7	7.9	6.6	7.2	10.4	9.5	9.9	17.2	15.6	16.4
6	7.4	6.7	7.0	7.0	6.0	6.5	10.7	10.3	10.5	17.2	16.0	16.7
7	7.4	6.6	7.1	6.9	6.4	6.6	11.0	9.9	10.4	17.7	15.9	16.9
8	6.6	5.9	6.2	6.9	5.8	6.6	11.6	10.2	10.8	18.3	17.3	17.7
9	6.1	5.5	5.8	5.8	4.7	5.2	12.5	11.0	11.7	18.4	15.4	17.7
10	5.8	4.1	5.1	6.3	4.8	5.5	14.4	12.2	13.2	15.4	13.5	14.0
11	4.1	2.6	3.1	7.0	6.0	6.5	15.9	13.8	14.8	13.7	11.6	12.4
12	3.1	2.3	2.6	7.6	6.0	6.7	16.4	15.3	15.8	11.6	10.8	11.1
13	3.7	3.1	3.4	8.6	6.7	7.5	15.6	12.4	13.9	12.5	10.8	11.5
14	3.2	2.3	2.8	9.2	8.2	8.6	12.4	10.3	11.2	12.8	12.0	12.3
15	3.9	2.6	3.2	9.5	8.9	9.2	11.3	9.3	10.3	13.9	12.8	13.3
16	5.3	3.9	4.5	9.7	9.0	9.3	12.0	10.0	10.9	14.2	13.7	13.9
17	5.8	5.1	5.5	9.3	8.0	8.5	13.3	11.0	12.1	14.4	12.8	13.6
18	6.6	5.8	6.2	8.3	7.4	7.9	14.8	12.7	13.8	14.3	13.4	14.0
19	6.0	4.2	5.0	8.8	7.9	8.3	15.0	14.2	14.6	14.2	12.7	13.4
20	4.2	3.2	3.7	8.7	7.9	8.3	14.6	13.8	14.2	13.9	13.6	13.7
21	3.2	2.4	2.6	8.2	7.1	7.6	14.7	13.8	14.3	13.8	12.5	13.0
22	2.9	2.3	2.6	8.5	7.3	7.9	15.0	14.3	14.7	13.3	11.5	12.4
23	3.6	2.9	3.3	8.3	7.5	8.0	16.6	14.2	15.2	14.0	13.0	13.4
24	4.1	3.2	3.6	7.7	6.8	7.3	17.8	15.6	16.5	15.9	13.8	14.6
25	5.0	4.0	4.5	7.9	6.6	7.2	18.0	16.7	17.5	17.6	15.1	16.1
26	5.3	4.9	5.1	9.5	7.9	8.5	18.7	17.3	18.1	18.8	16.7	17.7
27	5.0	3.5	4.3	10.5	9.5	10	18.7	17.7	18.3	19.6	18.7	19.1
28	3.5	2.5	2.8	10.5	10.2	10.3	18.5	14.8	17.3	19.4	18.1	18.8
29	2.8	2.1	2.4	10.8	9.4	10.2	14.8	11.4	13.0	19.5	17.3	18.3
30	---	---	---	10.8	8.8	9.8	11.7	10.2	11.0	21.3	18.7	19.9
31	---	---	---	9.3	8.3	8.8	---	---	---	21.7	20.5	21.1
Month	7.4	0.2	4.1	10.8	2.7	7.6	18.7	9.0	13.2	21.7	10.8	15.1

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	22.2	20.9	21.5	23.3	21.7	22.4	27.2	24.8	25.9	25.2	22.8	23.9
2	22.8	21.0	21.8	23.1	20.6	21.7	26.8	24.1	25.7	26.0	23.0	24.4
3	22.1	20.8	21.3	24.4	21.2	22.7	26.9	24.4	25.6	25.7	22.9	24.3
4	22.2	20.3	21.2	24.0	22.8	23.4	27.1	23.8	25.5	25.8	22.6	24.2
5	23.8	21.5	22.6	24.3	22.3	23.2	26.3	24.3	25.1	25.0	22.4	23.9
6	25.0	23.0	24.0	24.5	22.7	23.6	25.6	23.9	24.8	25.0	23.6	24.3
7	25.4	23.9	24.7	25.6	22.3	23.6	25.7	24.0	24.7	24.5	22.6	23.5
8	26.1	24.2	25.2	25.2	24.1	24.5	25.6	23.5	24.6	25.3	22.3	23.8
9	27.1	24.9	26.0	24.9	24.0	24.4	25.6	22.9	24.3	24.4	22.5	23.4
10	27.2	25.9	26.5	24.2	23.3	23.8	25.1	22.8	24.1	23.5	22.6	23.0
11	27.3	25.6	26.5	24.7	22.7	23.7	24.6	22.7	23.2	23.0	21.8	22.2
12	27.2	25.7	26.5	25.8	23.4	24.6	24.1	21.2	22.6	23.2	21.1	22.1
13	27.4	25.6	26.4	26.4	24.9	25.6	24.5	21.8	23.2	24.5	21.7	23.0
14	26.6	25.3	25.9	26.1	24.6	25.4	24.5	22.3	23.4	25.0	22.6	23.9
15	26.5	24.5	25.5	26.1	24.0	25.1	24.2	22.5	23.5	24.7	22.9	23.8
16	25.5	24.1	24.8	26.4	24.0	25.1	24.1	22.2	23.3	22.9	21.3	22.1
17	24.6	23.5	24.1	27.2	24.5	25.8	24.8	21.6	23.2	23.1	20.6	21.6
18	23.8	22.4	23.0	27.6	25.0	26.3	25.3	21.9	23.7	22.1	19.5	20.9
19	23.0	21.5	22.3	28.2	25.5	26.8	25.8	22.5	24.2	21.8	20.0	20.9
20	22.6	21.2	21.9	28.4	25.4	26.9	26.0	23.4	24.6	21.0	18.6	19.8
21	23.9	21.2	22.5	29.1	25.7	27.3	25.4	23.5	24.5	21.2	18.4	19.7
22	24.5	22.0	23.1	29.1	26.0	27.5	25.2	23.1	24.3	20.8	18.0	19.4
23	24.7	22.4	23.4	27.4	25.5	26.3	24.4	22.6	23.7	20.8	17.8	19.3
24	24.1	22.4	23.2	26.0	23.7	24.9	25.1	22.2	23.8	19.6	16.9	18.4
25	25.2	22.5	23.8	26.2	23.1	24.6	25.0	22.7	23.7	18.9	16.6	17.9
26	26.1	23.5	24.7	26.5	23.8	24.9	23.8	22.8	23.3	18.9	17.6	18.2
27	26.3	24.4	25.3	26.6	24.8	25.7	22.8	21.0	21.8	20.0	18.3	19.0
28	26.6	24.8	25.6	27.1	24.7	25.7	21.0	20.5	20.7	20.1	18.4	19.1
29	25.8	25.0	25.3	28.1	24.7	26.3	23.7	20.2	21.6	20.3	18.0	18.7
30	25.0	23.3	24.2	27.7	25.1	26.5	23.7	21.1	22.5	19.1	17.0	17.8
31	---	---	---	26.9	25.4	26.0	24.3	22.1	23.3	---	---	---
Month	27.4	20.3	24.1	29.1	20.6	25.0	27.2	20.2	23.8	26.0	16.6	21.6

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	---	---	---	10.0	9.5	9.7	13.4	12.2	12.7	11.9	11.2	11.6
2	---	---	---	10.3	9.6	9.9	13.0	12.2	12.6	12.9	11.8	12.5
3	---	---	---	10.2	9.9	10.0	12.7	11.6	12.1	14.0	12.9	13.5
4	---	---	---	10.3	9.9	10.1	13.3	12.2	12.7	14.4	13.9	14.2
5	---	---	---	10.5	9.9	10.2	13.0	12.6	12.8	14.2	13.8	14.1
6	---	---	---	10.7	9.4	10.1	13.7	12.8	13.2	13.8	12.9	13.4
7	---	---	---	10.9	10.0	10.4	13.8	13.4	13.6	13.1	12.6	12.8
8	---	---	---	11.6	10.3	10.9	13.7	13.2	13.4	12.7	12.1	12.5
9	---	---	---	11.4	10.6	10.9	13.6	12.7	13.2	12.2	11.8	11.9
10	---	---	---	11.3	10.3	10.8	12.7	7.9	11.6	12.1	11.7	11.9
11	---	---	---	11.9	10.7	11.2	9.6	6.7	8.1	11.8	10.6	11.4
12	---	---	---	11.8	10.7	11.2	9.4	9.0	9.3	11.4	10.9	11.2
13	---	---	---	10.9	10.0	10.5	10.1	8.8	9.7	11.5	10.9	11.2
14	---	---	---	10.6	9.6	10.1	10.2	9.8	10	12.0	11.0	11.6
15	---	---	---	10.2	8.6	9.6	10.9	10.0	10.6	12.6	12.0	12.3
16	---	---	---	10.4	7.8	9.4	10.9	9.3	10.5	13.2	12.6	12.9
17	---	---	---	9.5	8.6	8.9	10.6	8.9	9.7	13.2	12.9	13.0
18	---	---	---	11.6	9.3	10.8	11.1	9.9	10.3	13.1	12.7	13.0
19	---	---	---	11.6	11.2	11.4	11.5	11.0	11.3	13.0	12.7	12.8
20	---	---	---	11.2	10.6	10.9	11.2	10.9	11.1	13.8	12.8	13.3
21	---	---	---	11.1	10.4	10.7	11.5	10.8	11.1	14.3	13.8	14.1
22	---	---	---	10.7	10.1	10.4	12.2	11.4	11.8	14.0	13.5	13.8
23	---	---	---	11.5	10.2	10.9	11.9	10.7	11.3	13.6	13.3	13.5
24	---	---	---	12.4	11.1	11.7	11.2	10.2	10.8	13.7	13.3	13.4
25	---	---	---	12.6	11.6	12.0	10.2	9.1	9.5	14.0	13.5	13.8
26	---	---	---	12.1	11.2	11.6	10.8	9.3	9.6	13.8	13.5	13.7
27	---	---	---	12.0	11.0	11.4	12.4	10.7	11.6	13.6	13.3	13.4
28	---	---	---	12.3	11.2	11.7	12.4	11.9	12.2	13.7	13.2	13.4
29	---	---	---	12.5	11.5	12.0	11.9	10.3	11.6	13.3	12.9	13.1
30	---	---	---	12.8	11.8	12.2	10.3	7.2	8.3	13.0	12.5	12.7
31	---	---	---	---	---	---	11.3	7.4	9.6	13.5	12.7	13.1
Month	---	---	---	12.8	7.8	10.7	13.8	6.7	11.2	14.4	10.6	12.9

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	13.5	13.0	13.4	13.6	12.8	13.3	11.3	10.5	11.0	10.9	10.3	10.6
2	13.0	12.7	12.9	13.4	12.4	12.9	11.4	10.1	10.7	10.6	9.8	10.3
3	12.7	12.4	12.6	13.0	11.8	12.5	11.0	10.1	10.6	10.0	9.3	9.7
4	12.4	12.1	12.2	11.8	11.2	11.5	11.1	10.7	10.9	10.2	9.2	9.6
5	12.1	11.4	11.8	11.7	11.2	11.4	11.2	10.7	10.9	10.0	9.0	9.5
6	11.4	11.1	11.3	11.9	11.7	11.8	10.8	10.5	10.7	10.0	8.9	9.4
7	11.4	11.1	11.2	11.8	11.7	11.8	10.8	10.6	10.7	9.9	8.9	9.4
8	11.7	11.4	11.6	11.9	11.6	11.7	11.0	10.6	10.7	9.5	8.4	8.9
9	11.9	11.6	11.8	12.6	11.9	12.3	10.9	10.3	10.6	9.3	8.3	8.8
10	12.2	11.7	11.9	12.6	12.1	12.4	10.7	9.9	10.3	9.8	9.2	9.7
11	13.1	12.2	12.7	12.2	11.7	12.0	10.4	9.5	9.9	10.2	9.8	10.1
12	13.2	12.7	13.0	12.1	11.7	11.9	10.2	9.1	9.6	10.6	10.2	10.4
13	12.7	12.4	12.5	11.9	11.3	11.7	10.3	9.3	9.8	10.7	10.3	10.5
14	13.5	12.5	12.9	11.3	10.7	11.1	11.0	10.1	10.6	10.5	10.2	10.4
15	13.4	12.8	13.1	11.2	10.6	10.8	11.6	10.7	11.1	10.2	9.9	10.1
16	13.0	12.4	12.8	11.3	10.6	10.9	11.6	10.6	11.0	10.0	9.7	9.9
17	12.4	12.0	12.2	11.6	10.9	11.2	11.4	10.2	10.8	10.3	9.8	10.1
18	12.2	11.8	12.0	11.7	11.3	11.5	11.1	9.8	10.4	10.0	9.6	9.7
19	12.8	11.8	12.4	11.3	10.9	11.2	10.6	9.3	9.9	10.3	9.8	10.0
20	13.3	12.5	12.9	11.4	10.9	11.1	10.7	9.3	10	9.9	9.5	9.7
21	13.8	12.9	13.4	11.5	11.2	11.3	10.4	9.4	9.9	10.1	9.7	9.9
22	13.7	13.1	13.4	11.5	11.2	11.3	10.5	9.4	9.9	10.6	10.1	10.3
23	13.2	12.8	13.0	11.6	11.2	11.4	10.5	9.4	9.9	10.5	9.9	10.2
24	13.5	12.8	13.1	11.9	11.4	11.6	10.3	9.1	9.6	10.3	9.7	10.0
25	13.2	12.4	12.8	12.2	11.5	11.8	10.1	8.8	9.4	10.0	9.4	9.7
26	12.6	12.1	12.3	11.7	11.0	11.4	9.9	8.6	9.2	9.7	9.0	9.4
27	13.2	12.1	12.6	11.3	10.6	10.9	9.7	8.4	9.1	9.4	8.6	9.0
28	13.8	12.8	13.3	11.0	10.4	10.7	9.4	8.4	8.8	9.3	8.6	8.9
29	14.0	13.3	13.6	11.6	10.6	11.0	10.3	9.4	9.9	9.8	9.0	9.4
30	---	---	---	11.4	10.5	10.9	10.9	10.3	10.7	9.4	8.6	9.0
31	---	---	---	12.0	11.1	11.5	---	---	---	9.1	8.1	8.6
Month	14.0	11.1	12.6	13.6	10.4	11.6	11.6	8.4	10.2	10.9	8.1	9.7

03183500 GREENBRIER RIVER AT ALDERSON, WV—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	9.2	7.9	8.5	8.5	7.1	7.8	9.4	6.3	7.8	9.7	7.1	8.4
2	9.0	7.8	8.4	9.0	7.3	8.0	8.7	6.4	7.6	9.9	7.0	8.4
3	8.9	7.6	8.3	8.8	7.7	8.3	9.2	6.3	7.8	9.4	7.0	8.3
4	9.1	8.1	8.6	8.2	7.3	7.7	9.5	6.5	8.0	11.2	6.9	8.7
5	9.2	8.2	8.7	8.5	6.9	7.7	8.9	6.5	7.9	11.5	7.0	9.0
6	8.9	7.9	8.4	8.7	7.0	7.8	8.8	6.5	7.7	12.0	6.7	9.0
7	8.8	7.7	8.3	8.8	7.0	7.7	8.6	6.9	7.7	12.5	6.6	8.8
8	8.7	7.7	8.2	8.2	7.2	7.6	9.0	6.7	7.9	12.0	6.6	9.1
9	8.5	7.5	8.0	8.4	6.9	7.7	9.4	6.8	8.1	11.4	6.5	8.3
10	8.4	7.3	7.8	8.6	7.0	7.7	9.3	6.7	8.1	10.8	6.4	8.1
11	8.0	7.0	7.5	8.8	7.6	8.2	9.2	6.9	8.2	8.8	6.4	7.6
12	8.0	6.6	7.2	8.8	7.0	7.9	9.5	7.3	8.5	10.3	6.6	8.4
13	8.2	6.6	7.2	8.1	6.6	7.3	9.4	7.4	8.5	9.8	6.8	8.4
14	7.9	6.5	7.3	8.1	6.0	7.0	9.4	7.0	8.3	11.6	6.5	8.9
15	8.1	6.6	7.3	9.1	6.6	7.6	9.5	7.2	8.3	13.4	6.2	9.3
16	8.0	6.5	7.3	9.4	7.1	8.2	9.3	6.9	8.1	12.6	6.6	8.7
17	8.6	6.6	7.7	9.1	7.1	8.1	9.2	7.1	8.3	13.9	6.9	10.1
18	8.6	7.1	7.8	9.3	7.0	8.1	9.2	7.1	8.3	12.3	7.0	9.8
19	9.0	6.9	7.9	9.3	6.9	8.1	9.5	7.0	8.3	14.8	7.0	10.5
20	9.3	7.5	8.3	9.2	6.8	8.0	10.0	7.1	8.6	13.4	7.3	10.3
21	9.2	7.7	8.3	9.2	6.7	7.9	9.3	7.0	8.3	13.0	7.7	10.5
22	9.0	7.0	7.9	9.3	6.4	7.9	10.2	7.1	8.6	12.6	7.7	10.3
23	8.5	6.7	7.7	8.2	6.3	7.3	10.6	7.1	8.7	13.4	7.6	10.5
24	8.9	7.1	8.0	9.6	6.7	8.0	10.5	7.1	8.9	12.6	7.8	10.6
25	8.8	7.1	8.0	9.6	7.2	8.3	11.5	7.0	9.2	13.6	7.7	10.9
26	8.6	7.3	8.0	9.5	7.1	8.2	9.9	7.0	8.2	12.1	7.6	9.7
27	8.5	7.1	7.8	9.1	7.0	8.1	7.2	6.5	6.8	10.8	6.3	8.4
28	8.2	6.9	7.5	9.5	6.9	8.0	8.2	6.5	7.3	11.0	7.0	8.8
29	7.9	6.7	7.2	9.5	6.7	8.0	8.8	6.9	7.9	11.0	7.6	9.1
30	8.1	6.6	7.3	9.1	6.4	7.8	9.4	6.9	8.3	11.7	7.3	9.1
31	---	---	---	8.5	6.2	7.4	9.7	7.0	8.4	---	---	---
Month	9.3	6.5	7.9	9.6	6.0	7.9	11.5	6.3	8.1	14.8	6.2	9.2