054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI

Rock Basin
Pecatonica Subbasin

LOCATION.--Lat 42°52′54″, long 90°07′51″ referenced to North American Datum of 1983, in SW ¼ NW ¼ sec.27, T.5 N., R.3 E., Iowa County, WI, Hydrologic Unit 07090003, 2 miles southwest of intersection of Sunny Ridge Rd. and Antoine Rd., 1000 ft. east of private drive off Antoine St. at foot of farm dam, 3 miles northeast of Mineral Point.

DRAINAGE AREA.--.82 mi^2, 526 acres

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 2004 to September 2007 (discontinued).

GAGE.--Water-stage recorder. Water levels are controlled by 2.5 ft H flume. Elevation of gage is 1,105 ft above NGVD of 1929, from topographic map.

REMARKS.--Records are good except for estimated days which are fair to poor. Daily mean discharge is in cubic feet per second.

REVISIONS.--Published discharges for water years 2004 and 2005 have been revised.

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—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	0.103	0.084	0.116	0.118	0.127	0.162	0.863	0.733	0.570	0.355	0.277	1.999
2	0.092	0.084	0.104	0.102	0.115	0.162	0.589	0.698	0.669	0.355	0.259	1.948
3	0.104	0.080	0.092	0.108	0.107	0.105	1.250	0.692	0.784	0.761	0.241	1.888
4	0.098	0.085	0.101	0.116	0.095	0.098	0.746	0.722	0.595	0.884	0.301	1.837
5	0.079	0.092	0.093	0.132	0.090	0.093	0.645	0.755	0.529	0.440	1.220	1.781
6	0.103	0.094	0.113	0.109	0.130	0.092	0.658	0.694	0.538	0.388	0.383	1.820
7	0.093	0.095	0.077	0.116	0.110	0.101	0.628	0.716	0.532	0.375	0.524	2.002
8	0.097	0.096	0.082	0.117	0.109	0.102	0.639	0.737	0.468	0.381	0.366	1.683
9	0.079	0.091	0.101	0.102	0.109	0.141	0.649	0.737	0.426	0.377	0.462	1.598
10	0.106	0.097	0.107	0.093	0.107	0.141	0.657	0.739	0.434	0.366	0.339	1.901
11	0.183	0.095	0.106	0.130	0.118	0.153	0.929	0.722	0.428	0.331	0.365	1.603
12	0.137	0.080	0.140	0.122	0.148	0.503	0.708	0.711	0.403	0.329	0.601	1.463
13	0.144	0.083	0.113	0.112	0.112	1.824	0.681	0.838	0.381	0.329	0.350	1.433
14	0.134	0.091	0.125	0.134	0.104	1.163	0.742	0.770	0.368	0.346	0.528	1.338
15	0.117	0.087	0.106	0.156	0.108	0.666	0.713	0.836	0.376	0.341	0.522	1.263
16	0.129	0.077	0.113	0.103	0.104	0.557	0.698	0.739	0.367	0.347	0.400	1.260
17	0.162	0.073	0.104	0.093	0.104	0.520	0.685	0.694	0.385	0.359	0.334	1.211
18	0.149	0.081	0.097	0.132	0.090	0.512	0.649	0.682	0.492	0.348	0.431	1.189
19	0.109	0.083	0.104	0.112	0.111	0.540	0.645	0.693	0.523	0.308	1.660	1.181
20	0.097	0.086	0.126	0.102	0.107	0.443	0.625	0.682	0.358	0.274	1.098	1.126
21	0.098	0.093	0.302	0.171	0.113	0.636	0.629	0.664	0.548	0.282	0.766	1.156
22	0.109	0.096	0.160	0.119	0.100	0.747	0.654	0.645	0.733	0.291	1.441	1.131
23	0.276	0.094	0.117	0.120	e0.093	0.529	0.913	0.595	0.446	0.301	1.971	1.043
24	0.107	0.102	0.109	0.114	e0.162	0.498	0.717	0.642	0.434	0.300	3.377	1.058
25	0.102	0.112	0.121	0.109	0.269	0.497	0.956	0.601	0.406	0.295	2.656	1.198
26	0.128	0.120	0.102	0.132	0.129	0.501	1.031	0.617	0.390	0.297	2.172	1.072
27	0.108	0.875	0.103	0.123	0.094	0.479	0.853	0.591	0.384	0.383	2.976	1.017
28	0.082	0.482	0.100	0.108	0.105	0.481	0.751	0.559	0.364	0.299	2.534	0.965
29	0.079	0.246	0.097	0.123	---	0.459	0.783	0.560	0.364	0.280	2.310	0.949
30	0.092	0.134	0.103	0.115	---	0.585	0.799	0.534	0.355	0.261	2.163	1.019
31	0.089	---	0.213	0.109	---	0.750	---	0.570	---	0.250	2.077	---
Total	3.585	4.088	3.647	3.652	3.270	14.240	22.485	21.168	14.050	11.233	35.104	42.132
Mean	0.12	0.14	0.12	0.12	0.12	0.46	0.75	0.68	0.47	0.36	1.13	1.40
Max	0.276	0.875	0.302	0.171	0.269	1.824	1.250	0.838	0.784	0.884	3.377	2.002
Min	0.079	0.073	0.077	0.093	0.090	0.092	0.589	0.534	0.355	0.250	0.241	0.949
Cfsm	0.14	0.17	0.14	0.14	0.14	0.56	0.91	0.83	0.57	0.44	1.38	1.71
In.	0.16	0.19	0.17	0.17	0.15	0.65	1.02	0.96	0.64	0.51	1.59	1.91

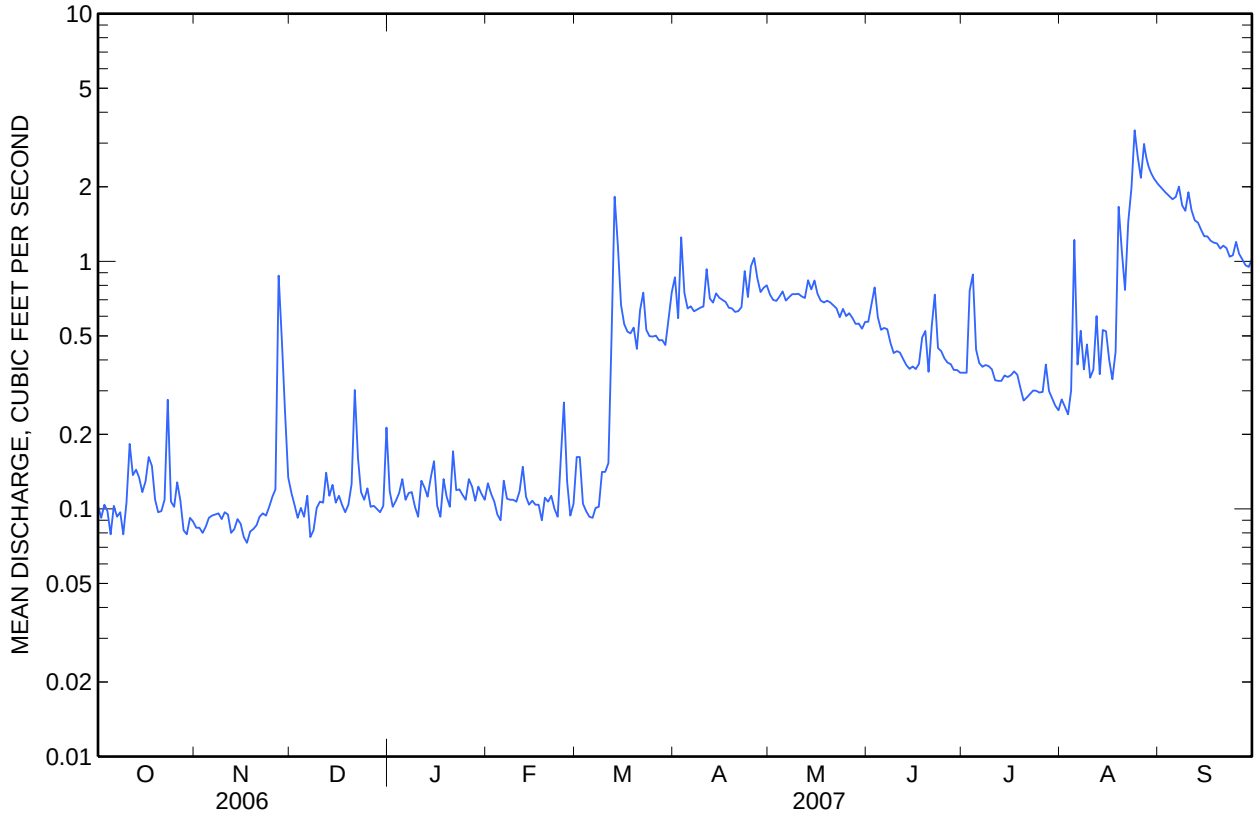
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.15	0.16	0.14	0.15	0.40	0.39	0.36	0.33	0.24	0.20	0.45	0.48
Max	0.29	0.25	0.22	0.26	1.05	0.65	0.75	0.68	0.47	0.36	1.13	1.40
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2007)	(2007)	(2007)	(2007)	(2007)	(2007)
Min	0.06	0.08	0.07	0.07	0.04	0.07	0.12	0.13	0.10	0.11	0.08	0.07
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2005)	(2005)	(2005)

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—Continued

SUMMARY STATISTICS

	Calendar Year 2006	Water Year 2007	Water Years 2004 - 2007
Annual total	40.526	178.654	
Annual mean	0.11	0.49	0.29
Highest annual mean			0.49 2007
Lowest annual mean			0.10 2006
Highest daily mean	0.875 Nov 27	3.377 Aug 24	6.566 Feb 7, 2005
Lowest daily mean	0.029 Feb 8	0.073 Nov 17	0.029 Feb 8, 2006
Annual seven-day minimum	0.032 Feb 5	0.082 Nov 12	0.032 Feb 5, 2006
Maximum peak flow		4.940 Nov 27	14.490 Mar 6, 2005
Maximum peak stage		1.34 Nov 27	1.83 Mar 6, 2005
Instantaneous low flow		0.067 Nov 10	0.024 Mar 19, 2006
Annual runoff (cfsm)	0.135	0.597	0.356
Annual runoff (inches)	1.84	8.10	4.83
10 percent exceeds	0.183	1.141	0.651
50 percent exceeds	0.097	0.346	0.132
90 percent exceeds	0.039	0.094	0.055



WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 2004 to September 2007 (discontinued).

REVISED RECORDS.--Published sample runoff volumes for water years 2004 and 2005 have been revised.

INSTRUMENTATION.--Continuous water temperature recorder and water-quality sampler September 2004 to September 2007 (discontinued).

REMARKS.--Records represent water temperature at sensor within 0.5 °C. Chemical analyses by the Water and Environmental Analysis Lab at the University of Wisconsin-Stevens Point. Samples with end dates/times are flow-composite samples collected by an automatic point sampler which represent the event-mean concentation for the specified runoff period. Samples with only start dates/times are discrete samples collected by the same sampler. Samples collected during periods of non-stormflow are grab samples. The sample runoff volume is the total flow that occurs between the start and end time of each flow-composite sample. In some cases, the sample runoff volume is slightly less than the total storm runoff volume. Some runoff events were not sampled. An approximate storm load (in pounds) can be computed by multiplying the sample runoff volume (in cubic feet) by the constituent concentration (in mg/L) and a factor of 6.2428x10^-5.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum temperature, 30.5 °C, Jul. 31, 2006; minimum, 0.0 °C, many days.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum temperature 27.5 °C, Jun. 15, Jul. 8 & 9; minimum, 0.5 °C, Feb. 5, 6, & 8.

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—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	16.5	12.0	14.0	8.0	5.0	6.0	4.0	2.5	3.0	5.5	4.0	4.5
2	18.0	14.0	16.0	6.5	4.0	5.5	4.0	2.5	3.0	5.0	4.0	4.5
3	19.5	15.5	17.5	6.5	3.5	5.0	3.5	2.5	3.0	5.5	3.0	4.0
4	18.0	14.0	16.5	7.0	5.0	6.0	4.0	2.5	3.0	5.5	3.5	4.5
5	16.5	12.5	14.0	8.0	4.5	6.0	4.0	2.5	3.0	6.5	5.0	5.5
6	16.0	12.0	13.5	8.0	6.0	6.5	4.5	2.5	3.5	6.0	4.0	5.0
7	16.0	12.0	13.5	8.5	6.0	7.5	4.5	2.5	3.0	5.5	3.5	4.5
8	16.0	12.0	14.0	10.0	7.5	8.5	4.0	2.5	3.0	5.0	3.0	4.0
9	15.0	12.5	13.5	10.0	8.0	9.0	4.5	2.5	3.5	5.0	3.5	4.0
10	13.0	12.0	12.5	8.0	5.5	6.5	4.5	3.0	3.5	4.0	3.0	3.5
11	12.5	10.5	12.0	7.0	5.0	5.5	4.5	3.0	4.0	5.0	3.0	4.0
12	10.5	8.5	9.5	7.0	4.5	5.5	4.0	3.0	4.0	4.0	3.0	3.5
13	9.0	7.5	8.5	6.5	5.5	5.5	4.5	2.5	3.5	3.5	2.5	3.0
14	10.0	7.0	8.5	6.0	5.0	5.5	5.0	3.0	4.0	4.0	2.0	3.0
15	9.5	6.5	8.0	6.0	4.5	5.5	4.0	3.0	3.5	3.0	2.0	2.5
16	9.5	8.5	9.0	6.5	4.0	5.0	4.5	3.0	3.5	4.0	2.0	3.0
17	10.5	9.0	10.0	6.0	5.0	5.5	5.0	3.0	3.5	3.5	2.0	2.5
18	10.5	8.5	9.5	6.5	4.5	5.5	5.0	3.0	3.5	3.0	2.5	2.5
19	9.0	7.5	8.5	6.5	4.5	5.5	5.0	3.0	4.0	4.0	2.0	2.5
20	9.5	7.0	8.0	6.0	3.5	5.0	5.0	3.5	4.5	4.0	2.0	2.5
21	8.5	6.5	8.0	6.5	4.5	5.5	4.5	3.0	4.0	3.0	2.0	2.5
22	8.5	6.5	7.0	7.0	4.5	5.5	5.5	3.0	3.5	3.5	2.0	2.5
23	7.5	5.5	6.5	7.0	4.5	6.0	4.0	3.0	3.5	3.5	1.5	2.5
24	8.0	5.0	6.5	7.5	5.0	6.0	4.5	2.5	3.5	3.5	2.0	2.5
25	8.5	5.0	6.5	7.5	6.0	7.0	4.0	3.0	3.5	3.5	1.5	2.5
26	7.0	6.0	6.5	8.0	6.5	7.5	5.0	3.0	3.5	3.5	2.0	2.5
27	8.0	6.0	7.0	8.0	6.0	7.5	5.0	3.5	4.0	3.5	2.0	2.5
28	8.5	5.5	7.0	9.0	7.5	8.5	6.0	4.5	5.0	3.5	1.5	2.0
29	8.5	5.5	7.0	9.0	6.5	8.0	6.0	4.5	5.0	3.5	1.5	2.0
30	9.5	6.5	8.0	6.5	3.0	4.5	6.0	4.5	5.0	3.0	1.5	2.0
31	8.5	6.0	7.5	---	---	---	5.0	4.0	5.0	2.5	1.0	1.5
Month	19.5	5.0	10.1	10.0	3.0	6.2	6.0	2.5	3.7	6.5	1.0	3.2

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—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	2.5	1.5	2.0	2.5	1.5	2.0	11.0	9.5	10.0	20.0	16.0	18.0
2	2.5	1.0	1.5	2.5	1.0	1.5	12.5	9.0	10.5	19.5	16.0	17.5
3	2.0	1.0	1.5	4.0	1.0	2.5	11.5	9.5	11.0	20.0	16.0	17.5
4	2.0	1.0	1.5	4.5	1.5	2.5	9.5	6.5	8.0	17.5	16.0	16.5
5	2.0	0.5	1.0	5.0	1.5	3.0	8.5	4.5	6.5	17.0	15.5	16.0
6	1.5	0.5	1.0	4.0	1.5	2.5	8.0	4.5	6.0	15.5	14.0	15.0
7	2.5	1.0	1.5	4.5	1.5	3.0	7.0	3.5	5.0	17.0	13.0	15.0
8	2.5	0.5	1.5	4.5	1.5	2.5	6.0	4.0	5.0	20.0	15.0	17.5
9	2.5	1.0	1.5	4.5	1.5	2.5	8.0	4.5	6.5	22.5	17.5	20.0
10	2.0	1.0	1.5	5.0	1.5	2.5	7.5	5.5	6.5	22.5	17.5	20.0
11	2.0	1.0	1.5	5.5	1.5	2.5	6.5	4.0	5.0	21.0	18.0	19.5
12	2.0	1.0	1.5	4.5	2.0	2.5	6.0	3.5	4.5	20.5	17.0	18.5
13	1.5	1.0	1.5	3.5	1.5	2.5	10.0	4.0	6.5	18.5	16.5	17.5
14	3.0	1.0	1.5	3.0	2.5	2.5	10.0	6.5	8.0	20.5	16.0	18.0
15	2.5	1.0	1.5	4.5	2.0	3.0	10.0	7.0	8.5	19.5	17.0	19.0
16	2.0	1.0	1.5	4.0	2.5	3.0	12.5	7.5	10.0	19.0	15.5	17.0
17	3.0	1.5	2.0	5.0	2.5	3.5	13.0	10.0	11.5	19.0	15.0	16.5
18	3.0	1.5	2.0	5.0	2.5	3.5	12.5	10.5	11.5	18.5	15.0	17.0
19	3.0	1.5	2.0	5.5	3.0	4.0	13.0	11.0	12.0	20.0	16.0	18.0
20	4.0	2.0	2.5	6.5	3.0	4.5	14.5	11.0	13.0	20.0	17.5	18.5
21	4.0	1.5	2.5	5.0	3.5	4.0	16.0	12.5	14.0	20.5	16.0	18.5
22	4.5	1.5	3.0	8.5	3.5	6.0	17.0	13.5	15.5	21.0	17.5	19.5
23	3.0	1.0	2.0	8.5	6.5	8.0	18.0	15.5	16.5	22.0	19.0	20.5
24	2.5	1.0	1.5	10.5	8.5	9.5	16.0	14.0	15.0	22.0	19.5	21.0
25	2.0	1.0	1.5	14.5	10.5	12.5	14.0	12.5	13.5	22.5	18.0	20.0
26	3.5	1.5	2.5	17.0	13.5	15.0	12.5	11.0	12.0	20.0	18.0	19.0
27	4.5	2.0	3.0	17.5	15.0	16.0	15.5	10.5	13.0	20.5	17.0	19.0
28	4.0	2.0	2.5	15.0	12.0	13.0	17.5	12.5	14.5	20.0	17.5	19.0
29	---	---	---	12.5	11.5	12.0	17.5	13.5	16.0	23.0	19.0	21.0
30	---	---	---	11.5	11.0	11.5	19.5	16.0	17.5	23.0	20.5	21.5
31	---	---	---	12.0	10.5	11.0	---	---	---	23.5	21.0	22.0
Month	4.5	0.5	1.8	17.5	1.0	5.6	19.5	3.5	10.4	23.5	13.0	18.5

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—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	22.0	20.5	21.5	24.5	21.0	23.0	26.0	23.0	24.5	21.5	19.0	20.5
2	22.5	20.0	21.0	23.5	21.0	22.5	26.5	23.5	24.5	21.5	19.0	20.5
3	22.5	20.0	21.0	23.5	21.5	22.5	25.0	22.5	24.0	23.0	20.0	21.0
4	21.0	19.0	20.0	25.5	22.0	23.5	23.5	21.5	22.5	23.0	20.0	21.5
5	20.5	18.5	19.5	26.0	22.5	24.5	23.5	21.5	22.5	23.0	20.5	22.0
6	19.5	18.0	18.5	27.0	23.0	25.0	23.5	22.0	22.5	22.5	21.0	21.5
7	20.5	18.0	19.0	27.0	23.0	25.0	25.5	23.0	24.0	22.5	20.5	21.0
8	21.5	19.0	20.0	27.5	24.0	26.0	25.0	23.5	24.5	22.0	19.5	20.5
9	22.5	18.5	20.5	27.5	25.0	26.0	26.5	23.5	25.0	20.5	19.5	20.0
10	22.5	19.0	21.0	27.0	24.5	25.5	26.5	23.5	25.0	19.5	17.0	18.5
11	24.0	20.0	22.0	25.0	22.5	24.0	26.0	23.5	25.0	17.5	16.0	17.0
12	25.5	21.0	23.0	24.5	21.5	23.0	27.0	24.0	25.5	17.0	15.5	16.0
13	25.0	21.5	23.5	24.0	21.0	22.5	26.5	24.0	25.5	17.0	15.5	16.0
14	26.5	22.0	24.0	24.5	21.0	22.5	26.0	23.5	24.5	17.0	15.0	16.0
15	27.5	23.0	25.0	24.5	21.0	23.0	24.5	23.0	23.5	15.5	14.0	15.0
16	26.0	23.5	25.0	22.5	21.5	22.0	23.5	22.0	22.5	15.0	14.5	14.5
17	25.5	23.5	24.5	24.5	21.5	22.5	23.5	21.0	22.0	16.5	14.5	15.0
18	25.0	23.5	24.0	25.0	22.5	24.0	21.5	19.5	20.5	18.5	16.0	17.0
19	25.0	22.5	23.5	25.0	22.0	24.0	19.5	19.0	19.5	19.0	18.0	18.5
20	25.5	21.0	23.0	24.5	21.0	22.5	20.5	19.0	19.5	18.5	17.5	18.0
21	25.5	22.0	23.5	24.5	21.5	23.0	22.5	19.0	20.5	19.0	17.5	18.5
22	23.5	20.5	22.0	23.5	21.5	22.5	24.5	21.0	22.0	19.0	17.5	18.5
23	22.0	20.0	21.0	24.5	21.0	22.5	23.0	21.0	22.0	18.5	17.0	18.0
24	23.0	20.0	21.5	25.0	22.0	23.5	22.5	21.0	21.5	20.0	18.0	19.0
25	23.0	21.0	22.0	25.0	22.5	23.5	23.0	20.0	21.0	19.5	18.5	19.5
26	25.5	21.5	23.5	25.5	23.0	24.0	22.5	20.0	21.0	18.5	17.0	17.5
27	26.5	23.5	25.0	25.0	24.0	24.5	21.0	19.0	20.0	17.5	16.5	17.0
28	24.5	22.5	23.5	25.5	22.5	24.0	24.5	19.5	21.5	17.5	16.0	16.5
29	24.0	21.5	22.5	26.0	22.5	24.0	24.0	21.0	22.0	16.5	15.5	16.0
30	25.0	21.0	23.0	26.0	22.5	24.0	22.5	19.5	21.0	16.5	15.5	16.0
31	---	---	---	26.0	22.5	24.5	22.0	19.0	20.5	---	---	---
Month	27.5	18.0	22.2	27.5	21.0	23.7	27.0	19.0	22.6	23.0	14.0	18.2

	Max	Min	Mean
Year	27.5	0.5	12.3

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
[Remark codes: <, less than.]

Date	Time	End time	Sampling method, code (82398)	Chloride, water, fltrd, mg/L (00940)	Residue on evap. at 105degC wat flt mg/L (00515)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Hydrolyzable phosphorus, water, fltrd, mg/L (00672)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)	Sample runoff volume, cubic feet 99906 (99906)
Nov 27-28	2030	1300	50	10.5	304	.63	.180	.02	2.80	.065	10	38,600
Dec 20-21	1830	2230	50	12.1	338	.57	.180	.01	3.20	.050	4	28,700
Mar 12-13	1115	1035	50	12.4	376	.50	.110	.03	5.90	.050	7	63,100
Mar 13-15	1035	1110	50	6.8	224	1.7	.470	.12	3.80	.295	52	261,000
Mar 22-22	0100	1800	50	7.1	286	.47	.070	.01	3.80	.036	4	49,800
Mar 31-Apr 02	1745	1050	50	9.2	288	.62	.140	.01	4.00	.049	7	128,000
Apr 03-04	0020	0455	50	8.9	318	.68	.180	.02	3.90	.053	7	122,000
Apr 22-23	2325	2015	50	8.0	286	.52	.120	.02	4.00	.052	13	71,600
Apr 24-25	1135	1830	50	8.2	290	.65	.110	.02	3.80	.055	11	99,000
Jun 03-04	0730	0215	50	9.2	318	.94	.210	.01	2.90	.052	8	58,100
Jun 21-22	2000	1130	50	10.1	182	1.5	.110	.01	2.40	.088	<2	60,200
Jul 03-04	2000	1020	50	9.2	248	.76	.060	.02	2.20	.117	43	90,100
Aug 04-05	2330	1300	50	11.1	310	1.1	.230	.02	1.20	.095	30	85,800
Aug 19-22	0050	0040	50	10.1	278	1.1	.400	.02	1.50	.057	9	305,000
Aug 22-22	0040	1510	50	9.7	272	.90	.260	.01	1.80	.046	8	59,300
Aug 22-24	1510	0220	50	10.0	340	.89	.220	.03	2.10	.055	8	249,000
Aug 24-25	0220	1200	50	9.6	326	.89	.220	.04	2.40	.070	13	400,000
Aug 25-27	1200	0925	50	9.8	352	.85	.150	.04	2.90	.049	12	362,000
Aug 27-28	0925	1140	50	9.1	354	.77	.170	.04	3.30	.047	12	300,000

054322653 BREWERY CREEK TRIBUTARY UPSTREAM SITE NEAR MINERAL POINT, WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Chloride, water, fltrd, mg/L (00940)	Residue on evap. at 105degC wat flt mg/L (00515)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Hydrolyzable phosphorus, water, fltrd, mg/L (00672)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
Oct											
19...	0950	.11	70	11.5	420	.90	.270	.02	1.60	.114	19
Nov											
07...	1115	.10	70	11.0	312	.91	.470	.01	1.90	.097	7
Dec											
12...	1142	.14	70	12.2	292	.65	<.010	.05	2.90	.047	<2
Jan											
17...	1120	.07	70	12.5	332	.94	.420	.01	3.00	.087	6
Feb											
15...	1259	.10	70	12.7	358	.83	.250	.01	4.00	.174	4
Mar											
09...	1121	.10	70	12.0	388	.62	.280	.02	4.90	.051	5
15...	0955	.64	70	5.8	190	1.2	.430	.10	3.60	.173	7
Apr											
04...	0235	.84	50	8.9	300	.52	.100	.01	3.80	.037	5
17...	1147	.73	70	8.9	340	.61	.070	.01	4.50	.053	11
May											
14...	1545	.76	70	7.4	248	.43	.040	.01	3.20	.033	20
Jun											
18...	1200	.42	70	10.3	252	.71	.130	.01	2.70	.038	7
Aug											
17...	1050	.35	70	10.7	278	1.1	.400	.02	1.40	.062	8