

Water-Data Report 2007

424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI

Upper Mississippi-Maquoketa-Plum Basin
Apple-Plum Subbasin

LOCATION.--Lat 42°43'02", long 90°23'03" referenced to North American Datum of 1927, in SE ¼ NW ¼ SW ¼ sec.21, T.3 N., R.1 E., Lafayette County, WI, Hydrologic Unit 07060005.

DRAINAGE AREA.--0041 mi², 2.6 acres

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 10, 2003 to September 2006 (discontinued)

GAGE.--Water-stage recorder. Water levels are controlled by 2.0 ft H flume. Elevation of gage is 1,090 ft above NGVD of 1929, from topographic map.

COOPERATION.--University of Wisconsin-Platteville Pioneer Farm

REMARKS.--Records are excellent except for estimated days, which are poor. Note that discharge is the daily sum, in cubic feet.

EXTREMES FOR CURRENT YEAR.--Flows at Site 6 were intermittent, with zero flow for much of the year. Total storm volume is in cubic feet.

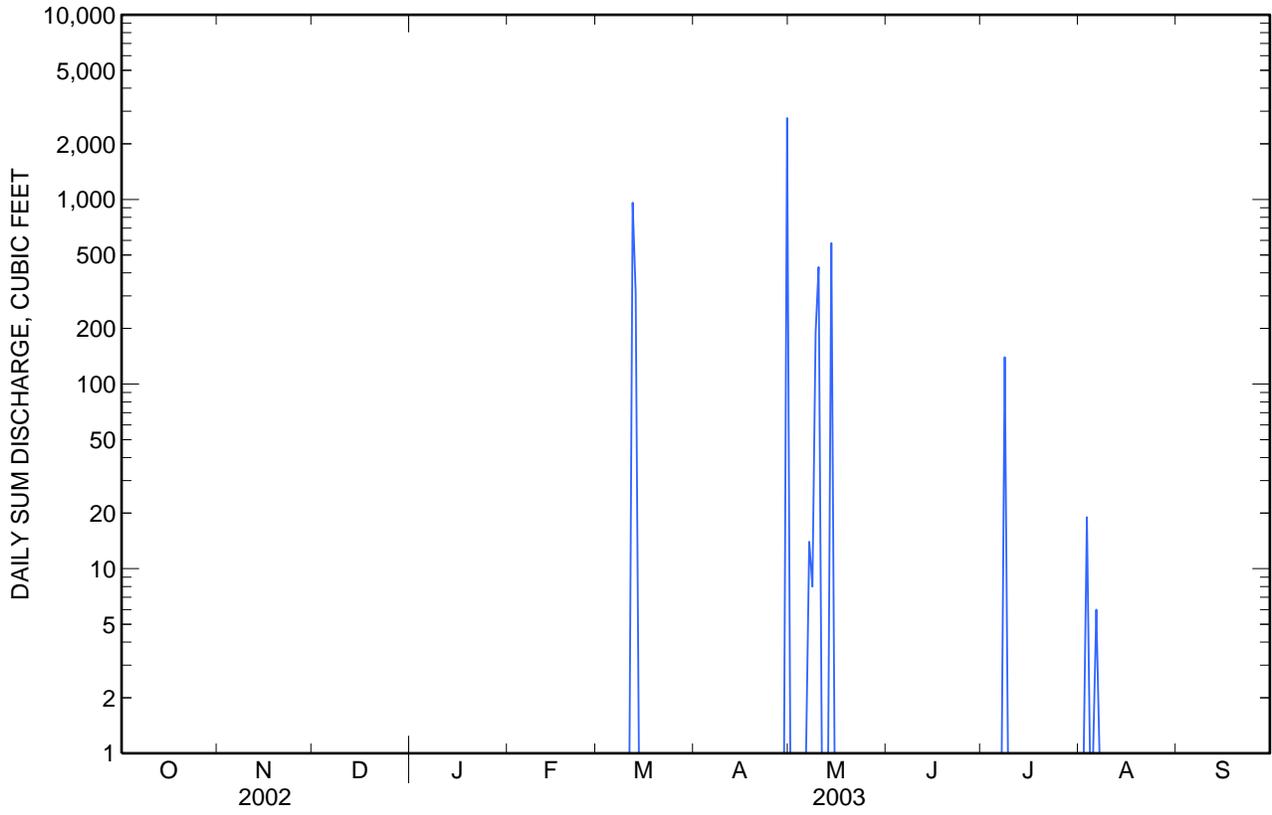
424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

DAILY SUM DISCHARGE, CUBIC FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY SUM VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	e0	0	0	0	0	0	0
2	---	---	---	---	---	e0	0	0	0	0	0	0
3	---	---	---	---	---	e0	0	0	0	0	19	0
4	---	---	---	---	---	e0	0	0	0	0	0	0
5	---	---	---	---	---	e0	0	0	0	0	0	0
6	---	---	---	---	---	e0	0	0	0	0	6	0
7	---	---	---	---	---	e0	0	14	0	0	0	0
8	---	---	---	---	---	e0	0	8	0	140	0	0
9	---	---	---	---	---	e0	0	190	0	0	0	0
10	---	---	---	---	---	e0	0	430	0	0	0	0
11	---	---	---	---	---	0	0	0	0	0	0	0
12	---	---	---	---	---	e960	0	0	0	0	0	0
13	---	---	---	---	---	e310	0	0	0	0	0	0
14	---	---	---	---	---	0	0	580	0	0	0	0
15	---	---	---	---	---	0	0	0	0	0	0	0
16	---	---	---	---	---	0	0	0	0	0	0	0
17	---	---	---	---	---	0	0	0	0	0	0	0
18	---	---	---	---	---	0	0	0	0	0	0	0
19	---	---	---	---	---	0	0	0	0	0	0	0
20	---	---	---	---	---	0	0	0	0	0	0	0
21	---	---	---	---	---	0	0	0	0	0	0	0
22	---	---	---	---	---	0	0	0	0	0	0	0
23	---	---	---	---	---	0	0	0	0	0	0	0
24	---	---	---	---	---	0	0	0	0	0	0	0
25	---	---	---	---	---	0	0	0	0	0	0	0
26	---	---	---	---	---	0	0	0	0	0	0	0
27	---	---	---	---	---	0	0	0	0	0	0	0
28	---	---	---	---	---	0	0	0	0	0	0	0
29	---	---	---	---	---	0	0	0	0	0	0	0
30	---	---	---	---	---	0	2,760	0	0	0	0	0
31	---	---	---	---	---	0	---	0	---	0	0	---
Total	---	---	---	---	---	1,270	2,760	1,222	0	140	25	0
Mean	---	---	---	---	---	41	92	39	0	5	0	0
Max	---	---	---	---	---	960	2,760	580	0	140	19	0
Min	---	---	---	---	---	0	0	0	0	0	0	0

424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued



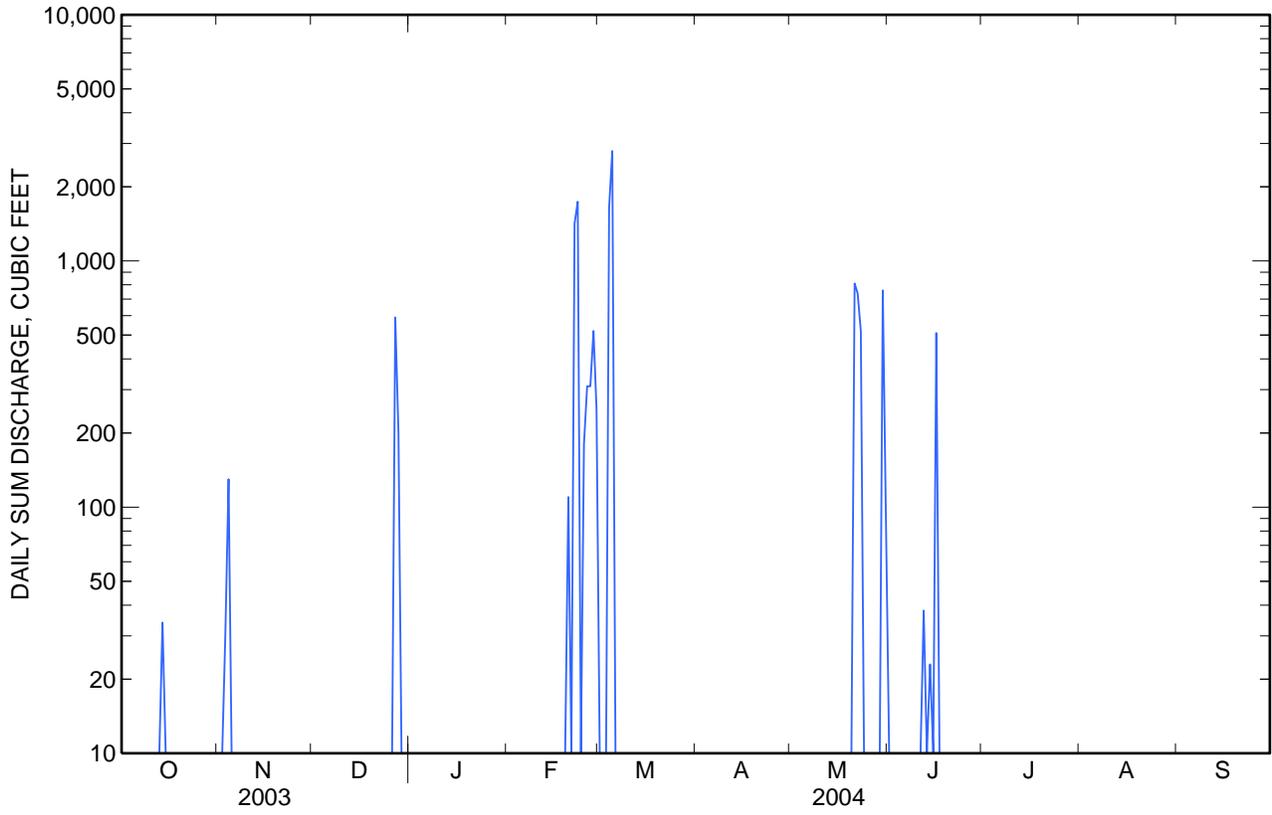
424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

DAILY SUM DISCHARGE, CUBIC FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY SUM VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	31	0	0	0	0	0	0	0	0	0	0
4	0	130	0	0	0	1,650	0	0	0	0	0	0
5	0	0	0	0	0	2,800	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	38	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	34	0	0	0	0	0	0	0	23	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	510	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	e110	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	810	0	0	0	0
22	0	0	0	0	1,420	0	0	e740	0	0	0	0
23	0	0	0	0	e1,740	0	0	520	0	0	0	0
24	0	0	0	0	e0	0	0	0	0	0	0	0
25	0	0	0	0	e180	0	0	0	0	0	0	0
26	0	0	0	0	e310	0	0	0	0	0	0	0
27	0	0	590	0	e310	0	0	0	0	0	0	0
28	0	0	200	0	e520	0	0	0	0	0	0	0
29	0	0	0	0	250	0	0	0	0	0	0	0
30	0	0	0	0	---	0	0	760	0	0	0	0
31	0	---	0	0	---	0	---	87	---	0	0	---
Total	34	161	790	0	4,840	4,450	0	2,917	571	0	0	0
Mean	1	5	25	0	170	140	0	94	19	0	0	0
Max	34	130	590	0	1,740	2,800	0	810	510	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0

424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued



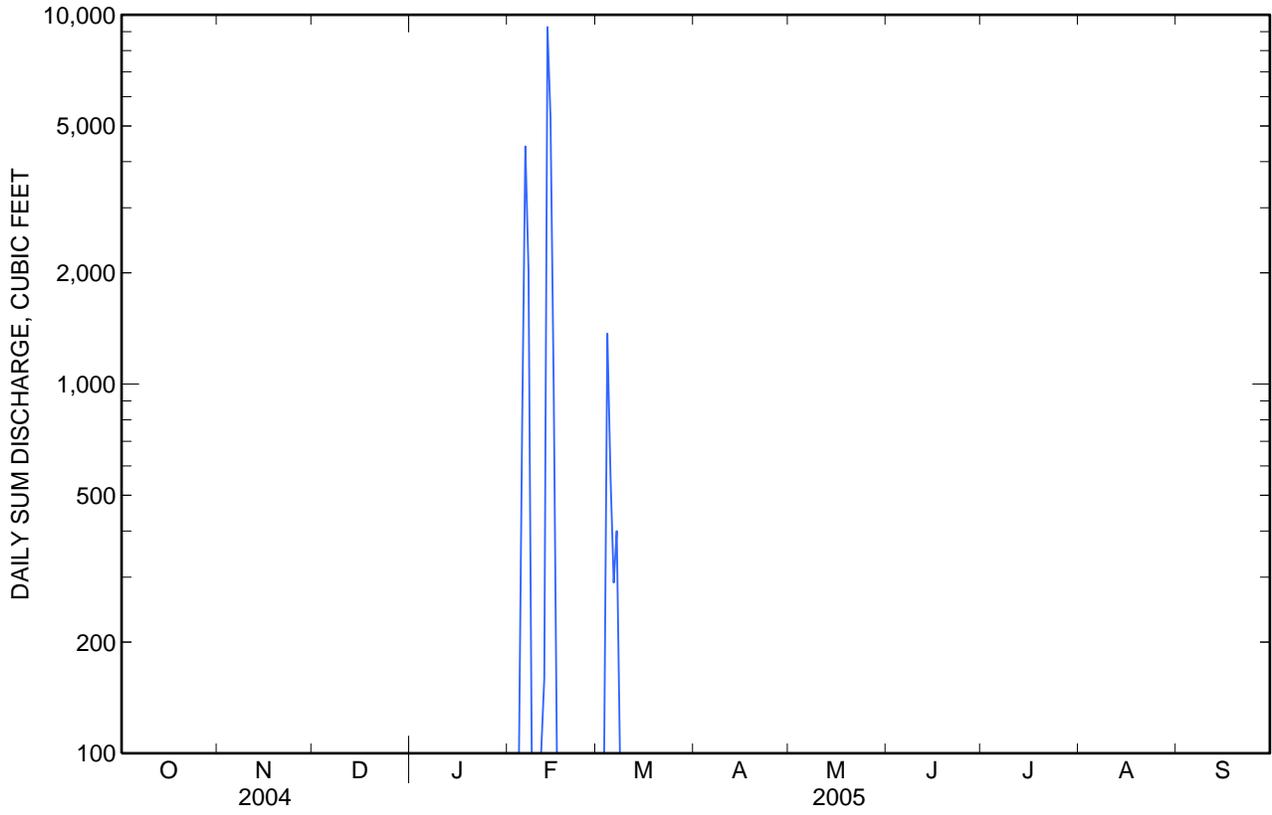
424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

DAILY SUM DISCHARGE, CUBIC FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	e1,370	0	0	0	0	0	0
5	0	0	0	0	780	560	0	0	0	0	0	0
6	0	0	0	0	4,400	290	0	0	0	0	0	0
7	0	0	0	0	e2,020	400	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	e160	0	0	0	0	0	0	0
13	0	0	0	0	e9,260	0	0	0	0	0	0	0
14	0	0	0	0	5,270	0	0	0	0	0	0	0
15	0	0	0	0	e980	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	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
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	---	0	0	0	0	0	0	0
30	0	0	0	0	---	0	0	0	0	0	0	0
31	0	---	0	0	---	0	---	0	---	0	0	---
Total	0	0	0	0	22,870	2,620	0	0	0	0	0	0
Mean	0	0	0	0	820	85	0	0	0	0	0	0
Max	0	0	0	0	9,260	1,370	0	0	0	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0

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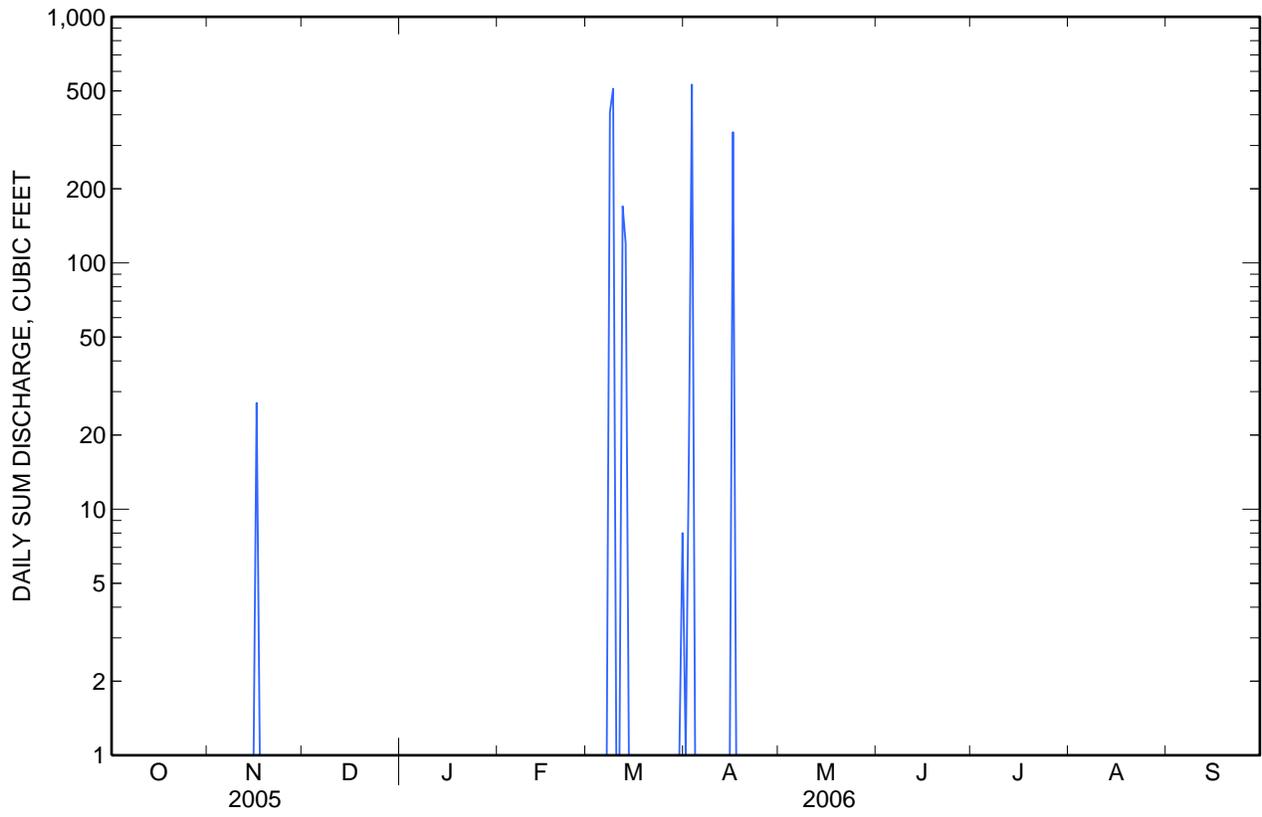


424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

DAILY SUM DISCHARGE, CUBIC FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	17	0	0	0	0	0
3	0	0	0	0	0	0	530	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	410	0	0	0	0	0	0
9	0	0	0	0	0	510	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	170	0	0	0	0	0	0
13	0	1	0	0	0	120	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	27	0	0	0	0	340	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	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
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	---	0	0	0	0	0	0	0
30	0	0	0	0	---	0	0	0	0	0	0	0
31	0	---	0	0	---	8	---	0	---	0	0	---
Total	0	28	0	0	0	1,218	887	0	0	0	0	0
Mean	0	0	0	0	0	39	30	0	0	0	0	0
Max	0	27	0	0	0	510	530	0	0	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0

424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued



424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water quality sampler March 2003 to September 2003 (discontinued).

INSTRUMENTATION.--An automatic twenty four bottle peristaltic pump refrigerated sampler.

REMARKS.--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 concentration for the specified runoff period. Samples with only start dates/times are discrete samples collected by the same sampler. The sample runoff volume is the total flow that occurs between the start and end time of each flow-composite sample. In most 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.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003**

Part 1 of 2

[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 unf mg/L (00500)	Residue total non-filterable, mg/L (00530)	Residue volatile suspended, mg/L (00535)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	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, fltrd, mg/L (00666)
Mar													
12...	1407	.05	50	10.0	340	51	12	12	13	4.52	--	3.50	8.48
12...	1507	.11	50	21.0	634	58	13	19	20	5.36	--	7.10	12.5
12...	1707	.03	50	28.0	746	26	11	22	24	6.40	--	10.0	14.2
May													
07...	0603	.03	50	<.5	2,810	2,990	470	5.6	27	.400	1.50	1.58	1.75

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2002
TO SEPTEMBER 2003**

Part 2 of 2

[Remark codes: <, less than.]

Date	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
Mar		
12...	9.13	16
12...	12.8	35
12...	15.2	5
May		
07...	9.14	--

424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	End time	Instan- taneous dis- charge, cfs (00061)	Sam- pling method, code (82398)	Chlor- ide, water, fltrd, mg/L (00940)	Residue	Residue	Residue	Ammonia	Ammonia	Hydro- lyzable phos- phorus, water, fltrd, mg/L (00672)	Nitrate	
						on evap. at 105degC wat unf mg/L (00500)	total non- filter- able, mg/L (00530)	vola- tile, sus- sended, mg/L (00535)	+ org-N, water, fltrd, mg/L as N (00623)	+ org-N, water, unfltrd mg/L as N (00625)		Ammonia water, fltrd, mg/L as N (00608)	+ nitrite water fltrd, mg/L as N (00631)
Mar													
12-12	1352	1815	--	50	21.0	570	45	15	19	19	5.42	--	7.10
12...	1407	0000	.05	50	10.0	340	51	12	12	13	4.52	--	3.50
12...	1507	0000	.11	50	21.0	634	58	13	19	20	5.36	--	7.10
12...	1707	0000	.03	50	28.0	746	26	11	22	24	6.40	--	10.0
Apr													
30-30	2156	2247	--	50	<.5	6,330	4,000	370	1.2	29	.010	1.57	.380
May													
07...	0603	0000	.03	50	<.5	2,810	2,990	470	5.6	27	.400	1.50	1.58
May													
08-09	2353	0038	--	50	<.5	3,660	3,620	412	2.9	29	.100	1.13	.620
May													
09-09	0115	0131	--	50	.5	4,650	4,500	540	3.2	42	.250	1.15	.420
May													
10-10	2012	2038	--	50	1.0	17,800	17,600	1,420	3.4	98	.310	1.56	.640
May													
14-14	0604	0706	--	50	<.5	3,310	3,420	368	.84	12	.210	.76	.360
Jul													
08-08	0734	0743	--	50	1.0	574	501	59	1.5	3.5	.070	.90	1.40
Jul													
08-08	0909	0924	--	50	.5	312	255	33	1.2	2.2	.020	.70	.600
Jul													
08-08	1510	1539	--	50	1.0	502	433	49	1.5	3.2	.890	.89	.600

424302090230301 U.W. PLATTEVILLE FARMS SITE NO 6 NEAR PLATTEVILLE,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Part 2 of 2

[Remark codes: <, less than.]

Date	Phos- phorus, water, flt'd, mg/L (00666)	Phos- phorus, water, unflt'd mg/L (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sample runoff volume, cubic feet (99906)
Mar				
12-12	11.9	12.1	27	937
12...	8.48	9.13	16	--
12...	12.5	12.8	35	--
12...	14.2	15.2	5	--
Apr				
30-30	1.61	8.36	6,780	551
May				
07...	1.75	9.14	--	--
May				
08-09	1.13	9.30	3,530	144
May				
09-09	1.28	12.6	4,510	47.5
May				
10-10	1.56	30.8	18,000	424
May				
14-14	.761	4.30	2,840	487
Jul				
08-08	.930	1.81	505	20.9
Jul				
08-08	.690	1.18	259	74.3
Jul				
08-08	.930	1.71	448	36.0