435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI

Northwestern Lake Michigan Basin
Manitowoc-Sheboygan Subbasin

LOCATION.--Lat 43°54′49″, long 87°46′14″ referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.29, T.17 N., R.23 E., Manitowoc County, WI, Hydrologic Unit 04030101, 12 miles south of Manitowoc, WI.

DRAINAGE AREA.--1 mi^2, 641 acres

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2004 to December 2006 (discontinued).

GAGE.--Water-stage recorder coupled with periodic days when velocity meters are working appropriately. Elevation of gage is 690 ft above NGVD of 1929, from topographic map.

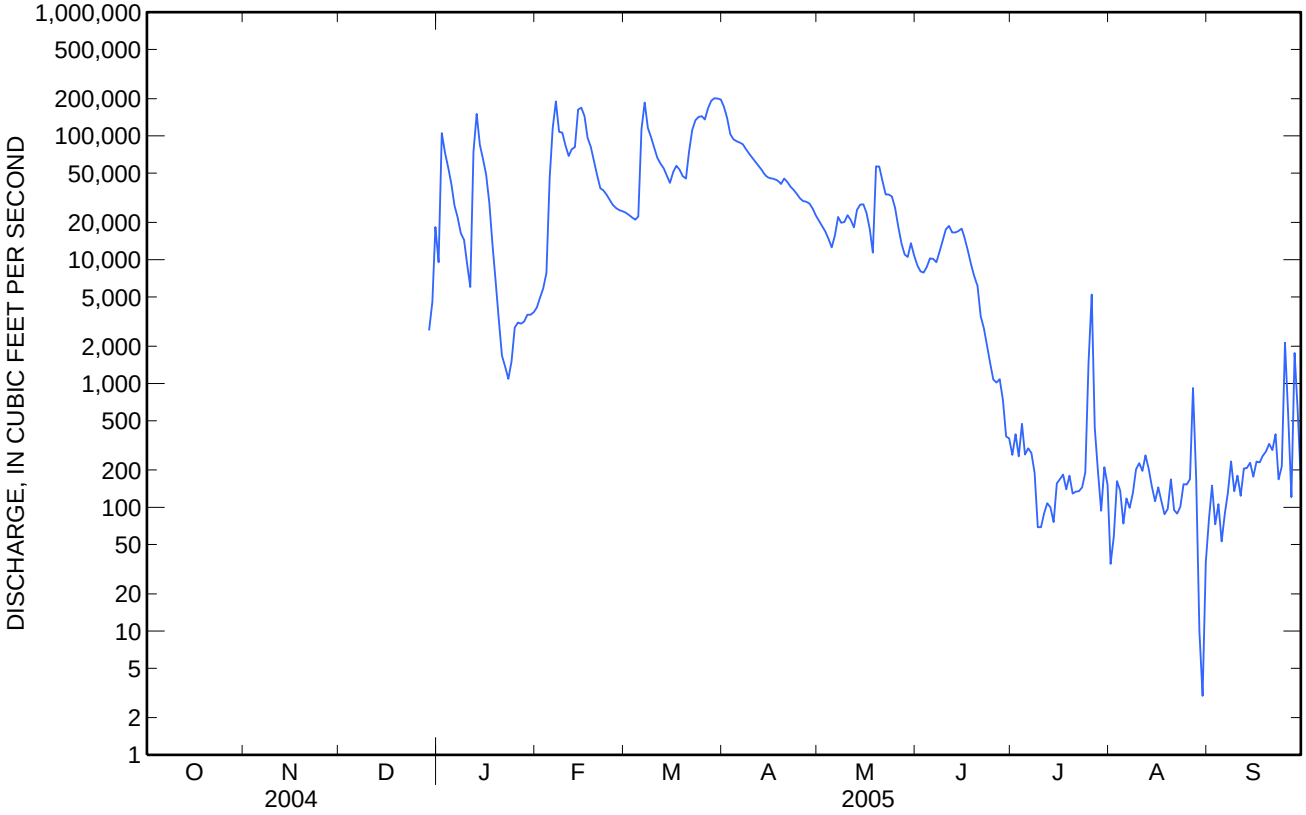
REMARKS.--Records are poor. Note that discharge is the daily sum, in cubic feet.

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

DISCHARGE VOLUME, FT^3
USGS WATER SCIENCE CENTER SPECIAL 99905
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	---	---	---	9,561	4,113	24,020	172,800	20,590	9,022	265	35	81
2	---	---	---	105,500	4,948	23,020	140,200	18,720	8,051	389	58	150
3	---	---	---	73,310	5,882	21,940	103,600	16,910	7,876	258	163	73
4	---	---	---	55,570	7,822	21,060	93,740	14,760	8,729	472	136	106
5	---	---	---	40,840	45,100	22,370	90,630	12,580	10,250	267	74	53
6	---	---	---	27,530	115,000	113,100	88,370	15,760	10,150	300	118	89
7	---	---	---	21,990	190,300	186,300	85,620	22,190	9,543	275	99	131
8	---	---	---	16,370	108,100	116,100	78,110	19,900	11,510	190	130	235
9	---	---	---	14,490	106,500	97,700	71,080	20,160	14,200	69	203	135
10	---	---	---	9,073	83,790	80,860	66,460	22,880	17,590	69	227	180
11	---	---	---	6,023	68,930	66,690	61,720	20,940	18,780	89	197	124
12	---	---	---	74,410	78,030	59,740	56,830	18,290	16,590	108	263	206
13	---	---	---	150,800	81,270	54,750	52,800	25,240	16,630	100	205	208
14	---	---	---	84,660	163,100	47,650	48,520	27,830	17,080	76	147	229
15	---	---	---	64,640	169,000	41,770	46,070	28,000	17,820	156	112	177
16	---	---	---	48,720	144,400	50,990	45,370	23,770	14,780	169	145	234
17	---	---	---	28,800	96,680	57,510	44,690	17,630	11,650	184	113	231
18	---	---	---	13,170	81,840	53,560	43,470	11,400	9,063	140	88	261
19	---	---	---	6,591	62,810	47,370	40,950	56,770	7,306	180	97	282
20	---	---	---	3,196	48,030	45,220	45,280	56,610	6,188	129	168	326
21	---	---	---	1,681	e37,740	74,190	42,380	43,490	e3,502	134	95	290
22	---	---	---	1,368	36,290	111,600	39,050	33,740	2,796	135	89	389
23	---	---	---	1,089	33,550	133,800	36,660	33,580	2,012	145	101	168
24	---	---	---	1,514	30,380	142,500	34,010	32,450	1,442	192	154	214
25	---	---	---	2,836	27,650	144,300	31,320	26,260	e1,079	1,458	153	2,135
26	---	---	---	3,112	26,100	135,600	29,800	18,480	e1,019	5,238	169	554
27	---	---	---	3,048	25,210	167,300	29,370	13,580	e1,084	439	920	121
28	---	---	---	3,175	24,690	192,300	28,480	11,000	736	195	168	1,766
29	---	---	2,719	3,599	---	201,600	25,840	10,520	374	94	10	616
30	---	---	4,553	3,595	---	200,500	22,790	13,620	360	211	3	162
31	---	---	18,350	3,771	---	196,700	---	10,840	---	152	36	---
Total	---	---	25,622	884,032	1,907,255	2,932,110	1,796,010	718,490	257,212	12,278	4,676	9,926
Mean	---	---	8,541	28,520	68,120	94,580	59,870	23,180	8,574	396	151	331
Max	---	---	18,350	150,800	190,300	201,600	172,800	56,770	18,780	5,238	920	2,135
Min	---	---	2,719	1,089	4,113	21,060	22,790	10,520	360	69	3	53

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

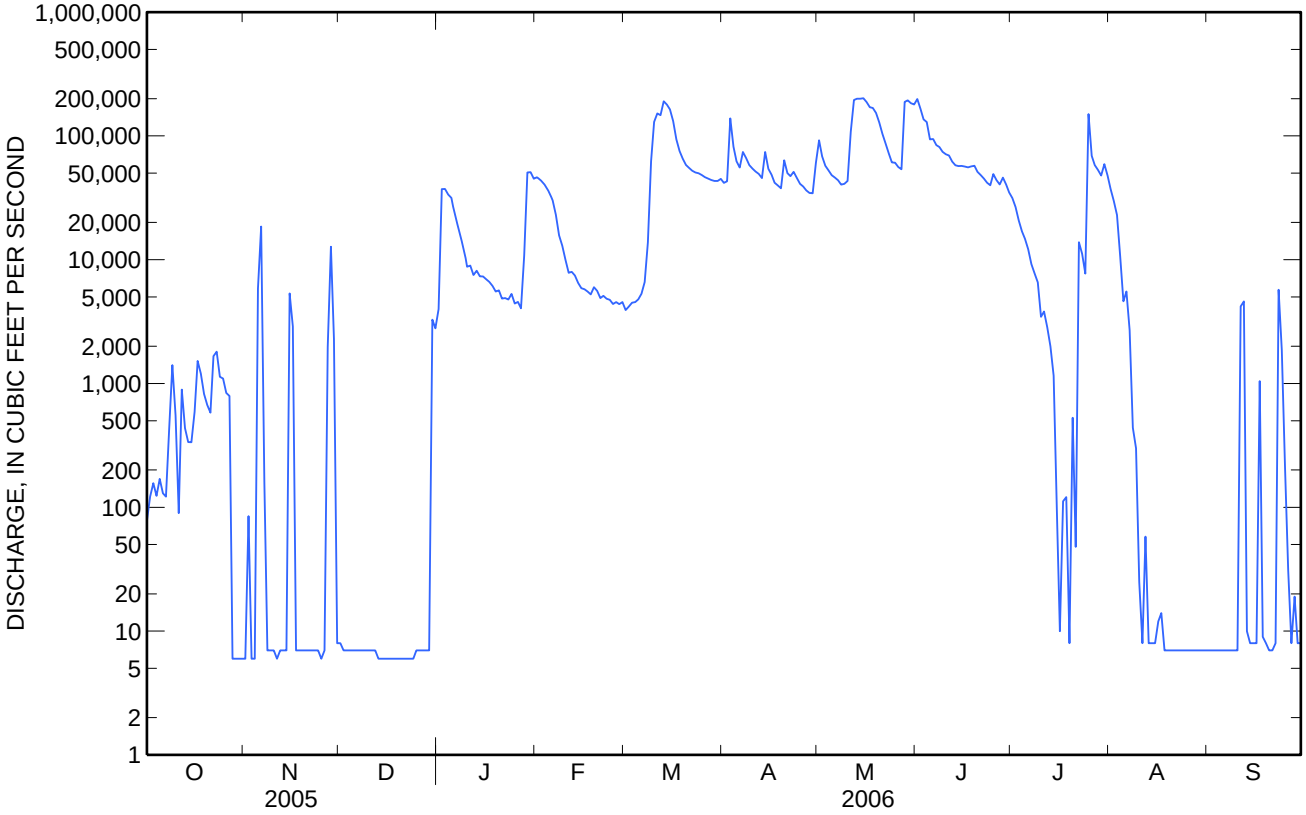


435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

DISCHARGE VOLUME, FT^3
USGS WATER SCIENCE CENTER SPECIAL 99905
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY SUM VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	78	6	8	e3,999	e46,450	3,929	e41,760	e92,120	e198,800	31,510	37,360	7
2	122	85	7	e37,220	e44,490	4,193	e43,090	e68,510	e165,500	26,700	29,850	7
3	157	6	7	37,370	41,480	4,494	e138,700	e57,510	e136,200	20,780	22,980	7
4	124	6	7	e33,640	38,590	4,555	e81,920	e52,670	e129,600	16,950	10,620	7
5	170	5,868	7	31,610	34,280	4,791	e62,470	e48,260	e93,790	14,760	4,628	7
6	130	e18,530	7	24,250	e30,170	5,320	e55,660	46,050	e94,580	12,170	5,538	7
7	122	160	7	19,040	e23,050	6,600	e74,250	e43,780	84,410	9,225	2,694	7
8	429	e7	7	14,930	15,730	13,810	66,380	e40,470	81,410	7,755	440	7
9	1,409	7	7	11,920	12,960	e62,420	e58,240	e41,070	74,390	6,561	300	7
10	554	7	7	8,801	9,983	e129,900	e54,450	e43,290	71,140	3,467	25	7
11	90	6	7	8,972	7,843	e152,100	e51,580	e108,100	69,510	3,815	8	4,197
12	893	7	7	7,521	8,001	e147,300	e49,330	e195,500	62,110	2,852	58	4,605
13	437	7	6	8,147	7,463	e190,800	e45,740	e200,200	58,060	1,996	8	10
14	337	7	6	7,347	6,512	e178,900	e74,170	e200,200	57,100	1,157	8	8
15	336	5,343	6	7,326	5,897	e163,800	e54,270	e201,700	57,350	96	8	8
16	591	2,894	6	6,970	5,781	e131,800	e48,590	e187,600	56,690	10	12	8
17	1,524	7	6	6,624	5,547	e94,010	41,970	e171,000	55,860	112	14	1,048
18	1,203	7	6	6,148	5,254	e75,610	39,860	e168,200	56,850	121	7	9
19	824	7	6	5,544	6,013	e65,550	e37,730	e153,400	57,450	8	7	8
20	672	7	6	5,652	5,610	58,370	e63,670	e128,900	51,250	529	7	7
21	583	7	6	4,864	4,902	55,260	e50,090	e103,900	48,380	48	7	7
22	1,664	7	6	4,898	5,112	e52,360	e47,340	e86,730	45,340	13,870	7	8
23	1,811	7	6	4,768	4,853	e50,750	e51,270	e72,120	41,920	11,200	7	5,727
24	1,136	e7	6	5,297	4,745	e49,910	e45,820	e61,130	39,980	7,745	7	1,863
25	1,099	6	7	e4,433	4,389	e48,390	e41,080	e60,870	49,300	e150,100	7	214
26	841	7	7	4,566	4,554	46,550	e39,020	e56,210	43,960	e69,210	7	31
27	e793	e1,976	7	4,059	4,378	45,260	e36,350	e53,800	40,540	58,080	7	8
28	6	e12,730	7	10,810	4,557	e44,170	e34,630	e188,200	46,090	53,150	7	19
29	6	e2,285	7	50,710	---	e43,380	e34,430	e194,200	e40,550	47,940	7	8
30	6	e8	e3,286	e51,020	---	e43,280	e60,380	e183,700	e34,980	e59,250	7	8
31	6	---	e2,793	e45,140	---	e45,020	---	e179,700	---	e47,960	7	---
Total	18,153	50,014	6,271	483,596	398,594	2,022,582	1,624,240	3,489,090	2,143,090	679,127	114,649	17,871
Mean	586	1,667	202	15,600	14,240	65,240	54,140	112,600	71,440	21,910	3,698	596
Max	1,811	18,530	3,286	51,020	46,450	190,800	138,700	201,700	198,800	150,100	37,360	5,727
Min	6	6	6	3,999	4,378	3,929	34,430	40,470	34,980	8	7	7

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

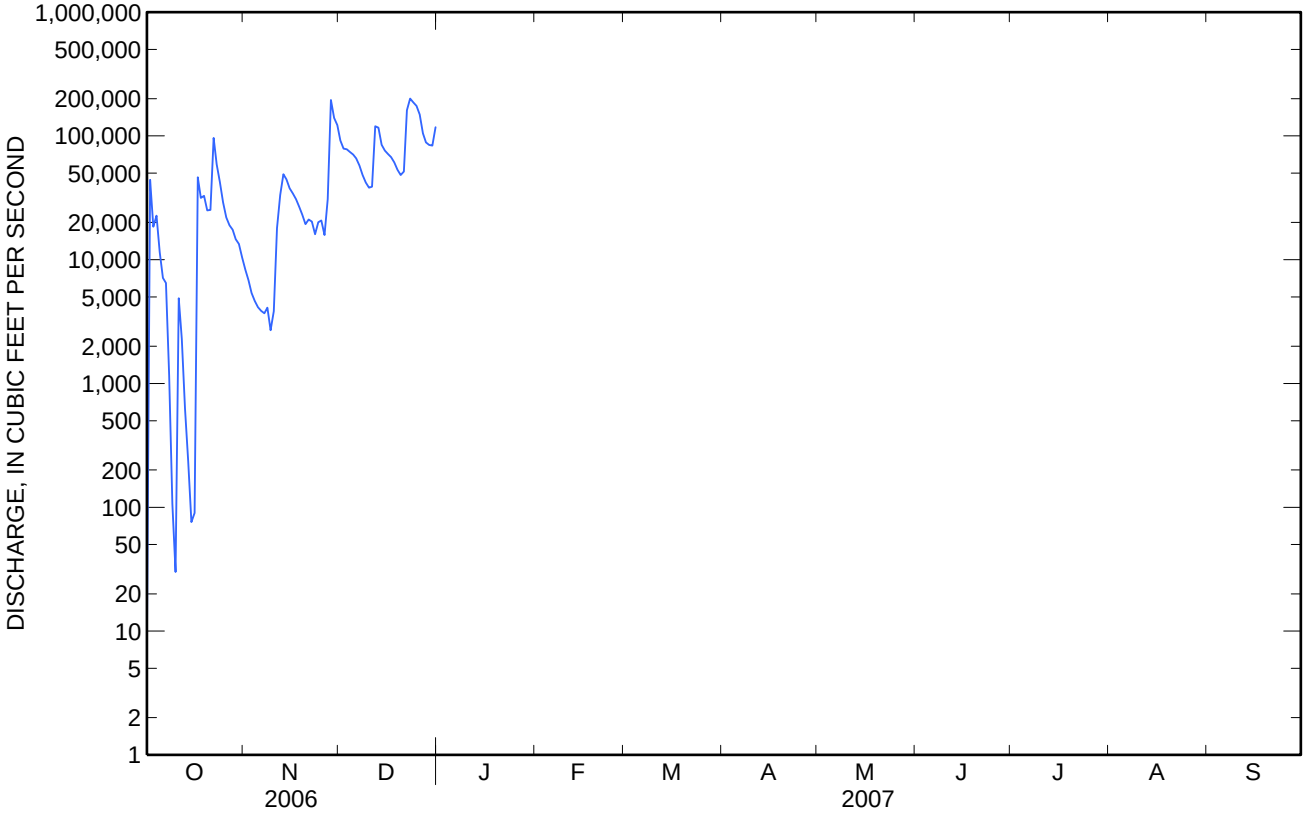


435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

DISCHARGE VOLUME, FT^3
USGS WATER SCIENCE CENTER SPECIAL 99905
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY SUM VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8	8,315	91,780	---	---	---	---	---	---	---	---	---
2	44,220	6,809	79,030	---	---	---	---	---	---	---	---	---
3	18,480	5,396	78,080	---	---	---	---	---	---	---	---	---
4	22,660	4,645	74,120	---	---	---	---	---	---	---	---	---
5	11,520	4,137	70,690	---	---	---	---	---	---	---	---	---
6	7,132	3,861	65,760	---	---	---	---	---	---	---	---	---
7	6,475	3,693	57,720	---	---	---	---	---	---	---	---	---
8	1,159	4,103	48,320	---	---	---	---	---	---	---	---	---
9	107	2,695	41,970	---	---	---	---	---	---	---	---	---
10	30	3,839	38,220	---	---	---	---	---	---	---	---	---
11	4,885	17,990	38,880	---	---	---	---	---	---	---	---	---
12	2,296	33,280	119,900	---	---	---	---	---	---	---	---	---
13	628	49,100	116,700	---	---	---	---	---	---	---	---	---
14	235	44,630	84,710	---	---	---	---	---	---	---	---	---
15	76	37,770	76,110	---	---	---	---	---	---	---	---	---
16	90	34,260	71,290	---	---	---	---	---	---	---	---	---
17	46,280	30,870	67,520	---	---	---	---	---	---	---	---	---
18	31,580	26,730	61,190	---	---	---	---	---	---	---	---	---
19	32,860	23,090	53,240	---	---	---	---	---	---	---	---	---
20	25,060	19,350	48,330	---	---	---	---	---	---	---	---	---
21	25,280	21,120	51,640	---	---	---	---	---	---	---	---	---
22	96,320	20,330	161,500	---	---	---	---	---	---	---	---	---
23	59,040	16,040	200,500	---	---	---	---	---	---	---	---	---
24	42,400	20,070	186,800	---	---	---	---	---	---	---	---	---
25	29,040	20,740	175,000	---	---	---	---	---	---	---	---	---
26	21,970	15,810	148,900	---	---	---	---	---	---	---	---	---
27	18,990	30,790	105,100	---	---	---	---	---	---	---	---	---
28	17,440	194,900	88,590	---	---	---	---	---	---	---	---	---
29	14,640	139,700	84,660	---	---	---	---	---	---	---	---	---
30	13,390	122,300	83,490	---	---	---	---	---	---	---	---	---
31	10,430	---	e117,500	---	---	---	---	---	---	---	---	---
Total	604,721	966,363	2,787,240	---	---	---	---	---	---	---	---	---
Mean	19,510	32,210	89,910	---	---	---	---	---	---	---	---	---
Max	96,320	194,900	200,500	---	---	---	---	---	---	---	---	---
Min	8	2,695	38,220	---	---	---	---	---	---	---	---	---

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued



WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2004 to December 2006 (discontinued).

INSTRUMENTATION.--Water-quality sampler January 2005 to December 2006 (discontinued).

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 concentation 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.

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
[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)	Nitrite + nitrate 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)
Jan 12-14	1100	0245	50	17.0	288	13	6.90	1.81	1.10	3.66	4,700	232,000
Feb 05-06	1040	1050	50	28.0	448	20	6.60	1.18	.300	2.41	244	71,500
Feb 06-08	1051	1720	50	21.0	358	18	14.9	2.94	<.100	3.16	258	344,000
Feb 12-13	1200	1500	50	16.5	368	7.2	4.20	.98	1.50	1.02	34	96,300
Feb 13-16	1501	1045	50	12.5	294	12	4.40	1.68	1.40	2.49	255	425,000
Mar 06-08	0950	0215	50	12.5	246	10	6.40	1.63	1.60	1.98	141	299,000
Mar 21-22	1100	1200	50	19.0	376	13	6.80	1.22	1.80	1.73	113	97,300
Mar 22-23	1200	0940	50	17.0	346	11	6.50	1.73	1.80	2.22	233	114,000
Mar 23-26	0940	0610	50	13.5	292	4.8	2.80	1.09	1.40	1.30	102	404,000
Mar 26-28	0610	0610	50	12.5	294	4.0	1.80	.92	1.30	1.07	46	318,000
Mar 28-30	0610	1135	50	10.5	226	2.6	1.30	.72	1.10	.830	26	446,000
Mar 30-Apr 04	1135	0200	50	12.5	240	2.5	.900	.34	1.30	.450	4	725,000
Apr 04-12	0200	0655	50	16.5	314	2.0	.500	.15	1.60	.300	50	645,000
Apr 12-25	0700	0330	50	17.5	1,490	3.7	.750	.11	1.20	.700	119	564,000
Apr 25-May 16	0345	1540	50	21.0	452	3.2	.670	.19	1.50	.760	100	483,000
May 16-19	1540	0245	50	20.5	464	1.9	.600	.06	1.70	.130	8	37,900
May 19-21	0245	2055	50	31.0	508	16	2.23	.13	2.60	7.47	1,620	151,000
May 21-23	2055	2055	50	21.5	454	4.6	.020	.09	1.90	2.15	523	67,400
May 23-Jun 10	2055	0400	50	21.0	502	2.8	.470	.14	2.00	.610	92	233,000

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
Feb											
12...	0515	.71	50	17.5	--	3.3	1.80	.09	1.50	.330	--
Mar											
05...	1725	.30	50	22.0	408	2.3	1.10	.15	1.70	.160	10
Jun											
27...	1030	.01	50	106	756	3.4	1.03	.10	4.50	.198	8
Aug											
09...	1255	.00	50	14.5	496	.78	.040	.06	7.60	.177	19

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 2
[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)	Nitrite + nitrate 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)
Nov 05-06	2000	2000	50	93.0	1,290	50	30.1	8.68	.500	11.6	238	24,100
Nov 15-16	0330	1130	50	122	1,450	64	40.3	12.2	<.100	15.2	36	8,230
Nov 27-29	0630	2100	50	122	1,060	50	23.6	4.70	1.20	9.94	92	17,000
Jan 01-02	1330	1225	50	138	1,250	65	38.6	7.05	<.100	11.6	470	10,700
Jan 02-08	1225	1950	50	60.5	914	8.4	4.08	1.21	12.4	2.08	164	187,000
Jan 08-20	1950	0700	50	59.0	970	2.1	.540	.16	10.0	.214	4	89,500
Jan 20-28	0700	1635	50	60.5	1,020	1.9	<.010	.15	8.70	.204	4	39,700
Jan 28-30	1630	2200	50	72.5	870	20	9.42	1.86	15.6	3.63	318	106,000
Jan 30-Feb 08	2200	1030	50	47.5	908	2.5	.650	.23	14.8	.435	128	315,000
Feb 08-28	1030	1420	50	53.0	754	1.7	.570	.14	9.60	.208	74	131,000
Feb 28-Mar 08	1420	1130	50	56.0	866	1.8	.800	.22	7.00	.250	13	38,600
Mar 08-09	1130	1810	50	102	778	28	15.4	2.40	<.100	4.00	323	51,400
Mar 09-12	1810	1930	50	40.0	486	7.3	3.16	1.35	14.5	2.90	433	425,000
Mar 12-16	1930	1520	50	30.5	452	6.1	.870	.53	11.9	1.33	191	651,000
Mar 16-21	1520	0135	50	31.5	552	1.2	.180	.20	10.8	.204	7	338,000
Mar 21-Apr 03	0135	0115	50	33.5	674	1.6	.360	.19	8.60	.215	10	609,000
Apr 03-07	0115	0150	50	46.0	692	4.1	2.01	.66	12.2	.896	29	340,000
Apr 07-08	0150	1245	50	46.0	726	4.4	1.97	.39	11.9	.559	24	106,000
Apr 08-14	1245	0045	50	38.0	646	1.6	.240	.15	9.70	.166	16	291,000
Apr 14-19	0045	2355	50	38.0	--	1.8	.350	.21	8.60	.247	--	295,000

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 2
[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)	Nitrite + nitrate 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)
Apr 19-30	2355	0425	50	33.5	662	6.6	2.57	.46	3.70	.764	35	451,000
Apr 30-May 05	0425	0005	50	34.0	648	2.0	.840	.41	5.70	1.99	77	324,000
May 11-19	0605	2015	50	28.0	486	4.0	.740	.72	6.70	1.06	77	1,550,000
May 19-27	2015	2240	50	24.0	474	2.0	.190	.20	3.60	.370	22	640,000
May 27-30	2240	0810	50	22.5	400	2.2	.420	.61	5.50	.750	37	452,000
May 30-31	0810	0425	50	31.0	484	5.2	1.51	1.53	6.40	1.91	58	153,000
May 31-Jun 05	0425	1715	50	22.5	454	3.7	.800	.60	3.80	.810	21	845,000
Jun 05-23	1715	0555	50	15.5	468	3.5	.280	.15	2.20	1.62	341	1,120,000
Jul 22-24	1610	2240	50	59.5	782	22	4.60	.43	4.80	20.0	2,250	26,700
Jul 24-26	2240	1625	50	34.0	504	15	.670	.46	4.30	5.85	20,800	206,000
Jul 26-Aug 01	1935	1655	50	35.5	512	4.2	.410	.19	2.10	1.71	1,130	305,000

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,WI—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
Oct											
27...	0440	.01	50	52.5	738	28	17.7	1.66	1.80	3.33	76
Nov											
16...	1625	.00	50	93.0	1,010	19	12.2	2.21	2.30	3.07	184
23...	1240	.00	50	58.0	680	3.4	2.40	.50	3.80	.617	7
30...	0630	.00	50	84.0	882	4.9	1.79	.57	8.40	.883	286
Dec											
12...	1320	.00	50	52.5	730	2.5	1.08	.40	5.10	.481	11
31...	1515	1.5	50	201	1,990	180	101	3.12	.200	16.0	206
May											
08...	1150	.49	50	20.0	470	1.9	.280	.20	2.30	.248	11
Jul											
06...	0035	.15	50	17.0	590	2.5	.130	.10	3.30	.411	35
18...	0945	.00	50	31.5	656	7.1	.820	1.35	5.40	2.13	49
Aug											
21...	1725	.00	50	31.5	542	.82	.040	.12	11.0	.146	2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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)	Nitrite + nitrate 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)
Oct												
02-02	0300	1630	50	53.0	756	23	4.25	.71	1.20	15.2	2,170	35,100
Oct												
02-04	1630	0710	50	59.5	976	7.4	1.67	1.14	8.90	1.74	32	29,700
Oct												
04-05	0710	0500	50	57.0	908	14	3.80	1.32	2.50	5.08	454	23,400
Oct												
17-18	0055	1640	50	54.0	866	24	3.25	.53	5.00	8.69	2,360	66,100
Oct												
21-22	2030	2350	50	46.5	676	12	2.92	.99	6.60	5.96	3,010	102,000
Nov												
27-30	2030	0515	50	45.0	644	5.0	.400	.48	19.7	1.95	1,280	376,000

435449087461400 DISCOVERY FARMS TILE SITE NUMBER 1 NEAR CLEVELAND,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)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)
Oct											
05...	0830	.14	50	44.5	874	2.3	.430	.36	6.10	.630	40
18...	1525	.35	50	41.5	856	2.5	.280	.21	7.00	.302	<2
25...	1713	.30	50	35.0	674	1.4	.290	.13	6.30	.230	39
Nov											
02...	1600	.07	50	36.0	684	1.7	.290	.09	6.60	.130	6
15...	1035	.42	50	34.5	642	2.0	.090	.08	6.70	.175	8