450615091444001 DISCOVERY FARMS-RED CEDAR WATERWAY 1 NEAR COLFAX, WI

Chippewa Basin
Red Cedar Subbasin

LOCATION.--Lat 45°06'15.2", long 91°44'40.0" referenced to North American Datum of 1983, in SE ¼ SW ¼ sec.5, T.30 N., R.11 W., Dunn County, WI, Hydrologic Unit 07050007.

DRAINAGE AREA.--0.0020 mi², 1.25 acres

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 2010 to current year.

GAGE.--Water-stage recorder. Water levels are controlled by 2.5 ft H flume.

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

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 450615091444001, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/450615091444001.2011.pdf

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DAILY SUM DISCHARGE, CUBIC FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
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	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	14
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	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	0	0	0	0
13	0	0	0	0	0	0	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	0	0	0	167	0	0	0	0	0	0	0
17	0	0	0	0	1,364	847	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	32	0	0	---	0	0	0	0	0	0	0
30	0	0	1,084	0	---	0	0	0	0	28	0	0
31	0	---	116	0	---	0	---	0	---	0	0	---
Total	0	32	1,200	0	1,531	847	0	0	0	28	0	14
Mean	0	1	39	0	55	27	0	0	0	0	0	0
Max	0	32	1,084	0	1,364	847	0	0	0	28	0	14
Min	0	0	0	0	0	0	0	0	0	0	0	0

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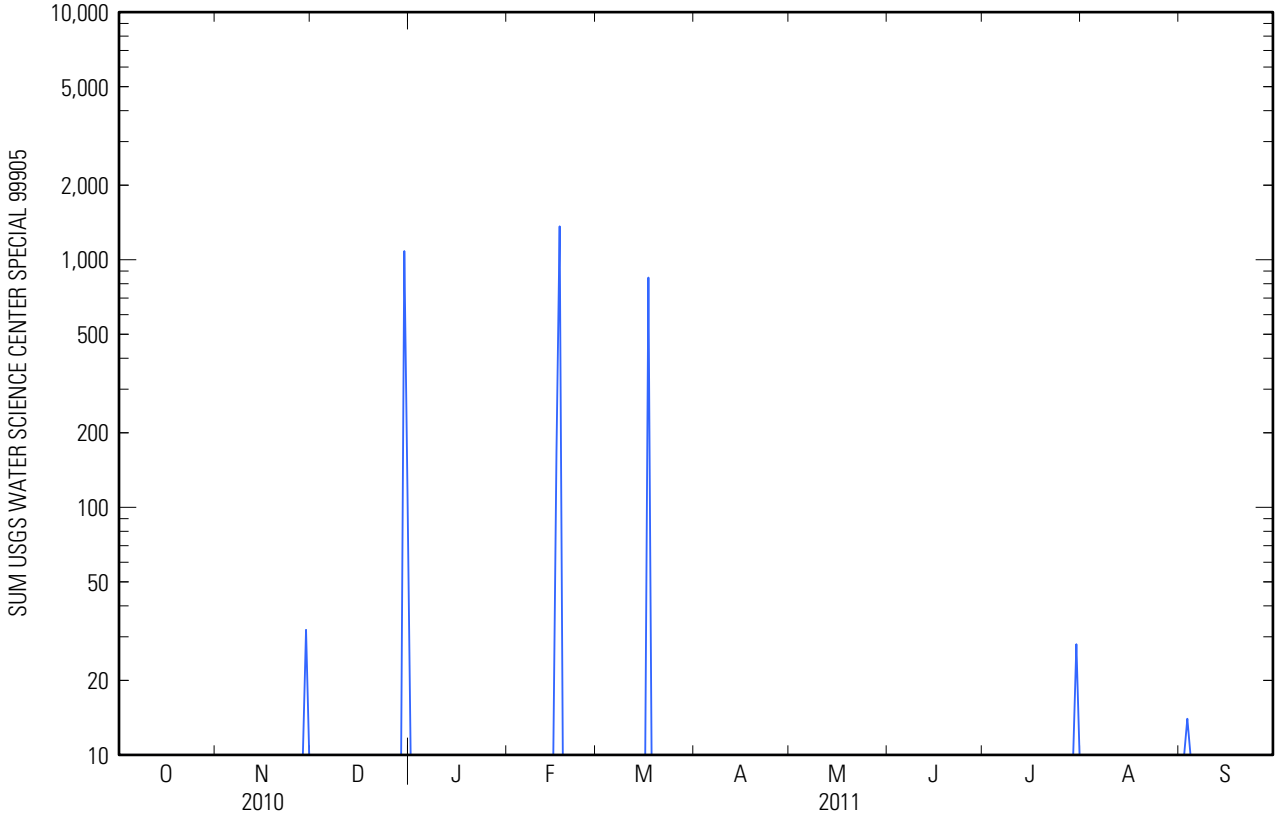

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 2010 to current year.

INSTRUMENTATION.--Water-quality sampler since September 2010.

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 2010 TO SEPTEMBER 2011
Part 1 of 2
[N, nitrogen; P, phosphorus; mg/L, milligrams per liter]

Date	Sample start time	End date	End time	Sampling method (82398)	Dissolved solids dried at 105 degrees Celsius, water, filtered, milligrams per liter (00515)	Chloride, water, filtered, mg/L (00940)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Hydrolyzable phosphorus, water, filtered, milligrams per liter as phosphorus (00672)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)
12-30-2010	**1231**	12-31-2010	0251	Point sample	88	3.9	2.1	.240	.015	.900
02-17-2011	**0130**	02-17-2011	2330	Point sample	68	2.2	3.9	1.86	.008	.100
03-17-2011	**1100**	03-17-2011	1945	Point sample	46	1.0	3.1	1.91	.082	.200

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 2 of 2
[N, nitrogen; P, phosphorus; mg/L, milligrams per liter]

Date	Sample start time	Phosphorus, water, unfiltered, mg/L as P (00665)	Suspended sediment concentration, mg/L (80154)	Sample runoff volume, cubic feet (99906)
12-30-2010	**1231**	.138	21	1,190
02-17-2011	**0130**	.096	6	1,360
03-17-2011	**1100**	.155	6	847