



Water-Data Report 2009

442954087355700 DISCOVERY FARMS WEATHER STATION NEAR KEWAUNEE, WI

Northwestern Lake Michigan Basin
Door-Kewaunee Subbasin

LOCATION.--Lat 44°29'54", long 87°35'57" referenced to North American Datum of 1983, in NW ¼ NW ¼ sec.4, T.23 N., R.24 E., Kewaunee County, WI, Hydrologic Unit 04030102, 2700 feet west of intersection of Ryan Radio Rd. and County Hwy B, 50 feet north of Ryan Radio Rd., 5.3 miles northwest of Kewaunee.

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--November 2003 to December 2009 (discontinued).

INSTRUMENTATION.--Tipping bucket rain gage with electronic datalogger.

REMARKS.--Data are recorded to the nearest minute in the datalogger. Rainfall estimated to be 0.00 for Nov 28, Dec 29, Jan 31, Feb 17, 24, Mar 4, 6, 22, 30, and Apr 4 because recorded precipitation was interpreted as snowmelt. Daily values are marked as estimated on Dec 26 and Mar 10 because recorded precipitation was interpreted as a combination of rainfall and some collector snowmelt.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 4.59 in., Aug. 18, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 1.04 in., June 8.

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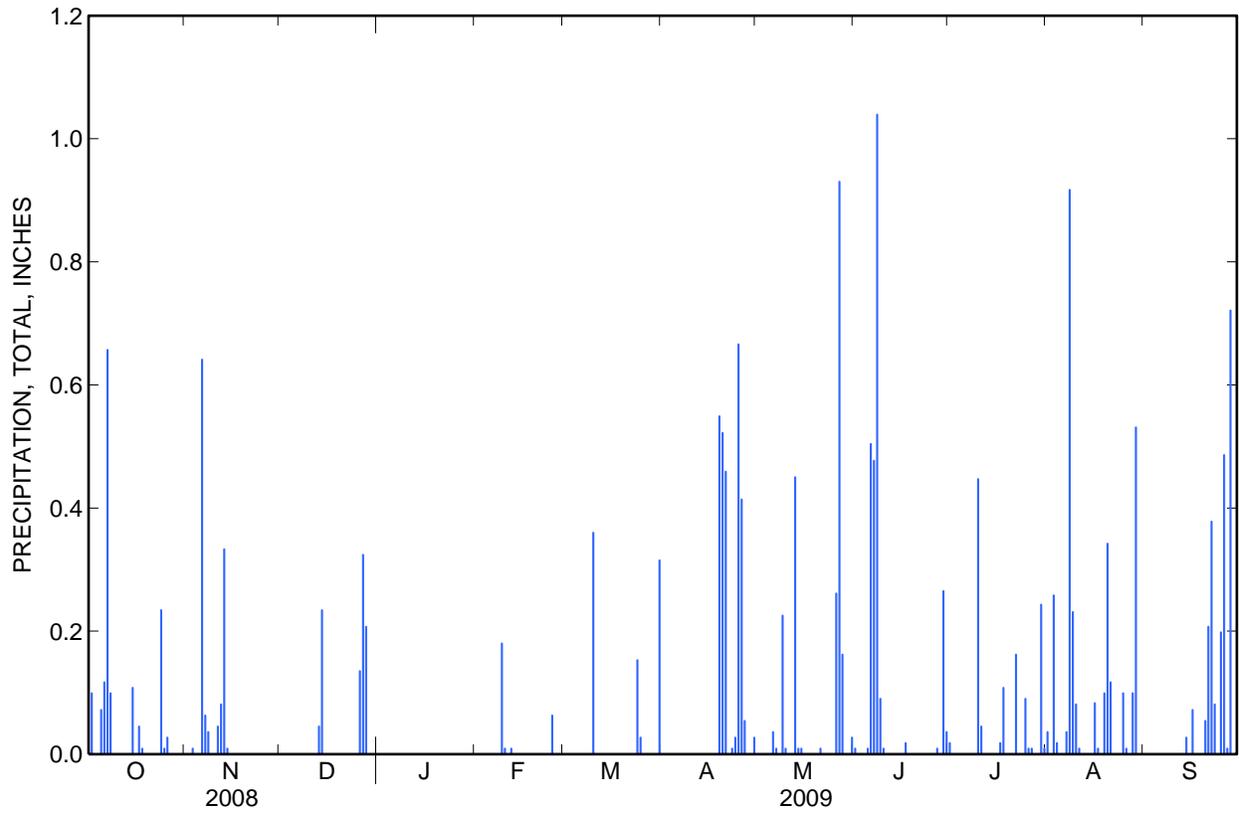
PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY SUM VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.00
2	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
4	0.00	0.00	0.00	0.00	0.00	e0.00	e0.00	0.00	0.00	0.00	0.02	0.00
5	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
6	0.12	0.64	0.00	0.00	0.00	e0.00	0.00	0.04	0.50	0.00	0.00	0.00
7	0.66	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.48	0.00	0.04	0.00
8	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.92	0.00
9	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.23	0.09	0.00	0.23	0.00
10	0.00	0.00	0.00	0.00	0.01	e0.36	0.00	0.01	0.01	0.45	0.08	0.00
11	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00
12	0.00	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.33	0.04	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00
14	0.00	0.01	0.23	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03
15	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.07
17	0.04	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.00
18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.00	0.10	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.34	0.05
21	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.01	0.00	0.00	0.12	0.21
22	0.00	0.00	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.16	0.00	0.38
23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.08
24	0.23	0.00	0.00	0.00	e0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00
25	0.01	0.00	0.00	0.00	0.06	0.03	0.67	0.00	0.00	0.09	0.10	0.20
26	0.03	0.00	e0.14	0.00	0.00	0.00	0.41	0.26	0.00	0.01	0.01	0.49
27	0.00	0.00	0.32	0.00	0.00	0.00	0.05	0.93	0.01	0.01	0.00	0.01
28	0.00	e0.00	0.21	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.10	0.72
29	0.00	0.00	e0.00	0.00	---	0.00	0.00	0.00	0.27	0.00	0.53	0.00
30	0.00	0.00	0.00	0.00	---	e0.00	0.03	0.00	0.04	0.24	0.00	0.00
31	0.00	---	0.00	e0.00	---	0.32	---	0.03	---	0.01	0.00	---
Total	1.48	1.21	0.94	0.00	0.26	0.86	2.73	2.15	2.48	1.16	2.99	2.24

	Calendar Year 2008	Water Year 2009
Total	22.33	18.50

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PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.02	0.00	0.00	---	---	---	---	---	---	---	---	---
2	0.68	0.00	0.00	---	---	---	---	---	---	---	---	---
3	0.03	0.00	0.00	---	---	---	---	---	---	---	---	---
4	0.00	0.00	---	---	---	---	---	---	---	---	---	---
5	0.04	0.00	---	---	---	---	---	---	---	---	---	---
6	1.11	0.00	---	---	---	---	---	---	---	---	---	---
7	0.00	0.00	---	---	---	---	---	---	---	---	---	---
8	0.00	0.00	---	---	---	---	---	---	---	---	---	---
9	0.00	0.00	---	---	---	---	---	---	---	---	---	---
10	0.00	0.00	---	---	---	---	---	---	---	---	---	---
11	0.00	0.00	---	---	---	---	---	---	---	---	---	---
12	0.19	0.00	---	---	---	---	---	---	---	---	---	---
13	0.01	0.00	---	---	---	---	---	---	---	---	---	---
14	0.05	0.00	---	---	---	---	---	---	---	---	---	---
15	0.04	0.00	---	---	---	---	---	---	---	---	---	---
16	0.02	0.00	---	---	---	---	---	---	---	---	---	---
17	0.00	0.00	---	---	---	---	---	---	---	---	---	---
18	0.00	0.00	---	---	---	---	---	---	---	---	---	---
19	0.00	0.27	---	---	---	---	---	---	---	---	---	---
20	0.00	0.00	---	---	---	---	---	---	---	---	---	---
21	0.27	0.00	---	---	---	---	---	---	---	---	---	---
22	0.20	0.00	---	---	---	---	---	---	---	---	---	---
23	1.19	0.02	---	---	---	---	---	---	---	---	---	---
24	0.00	0.08	---	---	---	---	---	---	---	---	---	---
25	0.04	0.55	---	---	---	---	---	---	---	---	---	---
26	0.20	0.19	---	---	---	---	---	---	---	---	---	---
27	0.00	0.00	---	---	---	---	---	---	---	---	---	---
28	0.00	0.00	---	---	---	---	---	---	---	---	---	---
29	0.05	0.02	---	---	---	---	---	---	---	---	---	---
30	0.78	0.00	---	---	---	---	---	---	---	---	---	---
31	0.04	---	---	---	---	---	---	---	---	---	---	---
Total	4.96	1.13	---	---	---	---	---	---	---	---	---	---