

Water-Data Report 2007

431457084194401 Local number 10N 1E 22DAD 01 SAGINAW CO (MARION SPRINGS DEEP)

Pennsylvanian aquifers
Saginaw Formation
Saginaw County, MI

LOCATION.--Lat 43°14'57", long 84°19'44" referenced to North American Datum of 1927, in SE ¼ NE ¼ SE ¼ sec.22, T.10 N., R.1 E., Saginaw County, MI, Hydrologic Unit 04080203, at west side of Merrill Road, 0.35 mi north of Marion Springs. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 210 ft. Upper casing diameter 6 in, top of first opening 170 ft, bottom of last opening 210 ft.

DATUM.--Land-surface datum is 657 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF INSTRUMENT SHELF, 2.5 ft above land-surface datum, Dec. 1977 to present.

PERIOD OF RECORD.--December 1977 to September 1991, September 2000 to March 2007 (discontinued).

GAGE.--Water-level telemeter.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.93 ft below land-surface datum, Feb. 10, 1981; lowest recorded, 13.09 ft below land-surface datum, Sept. 15, 21, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 8.80 ft below land-surface datum, Mar. 2; lowest recorded, 10.82 ft below land-surface datum, Oct. 6.

431457084194401 Local number 10N 1E 22DAD 01 SAGINAW CO (MARION SPRINGS DEEP)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.39	10.04	9.39	9.19	8.97	9.16	---	---	---	---	---	---
2	10.47	10.05	9.44	9.20	8.95	8.90	---	---	---	---	---	---
3	10.58	10.08	9.47	9.19	9.02	9.03	---	---	---	---	---	---
4	10.68	10.08	9.47	9.12	9.09	9.06	---	---	---	---	---	---
5	10.81	10.04	9.42	8.98	9.12	9.24	---	---	---	---	---	---
6	10.82	9.99	9.35	9.12	9.13	9.28	---	---	---	---	---	---
7	10.77	9.95	9.46	9.14	9.06	9.21	---	---	---	---	---	---
8	10.63	9.91	9.48	9.00	9.07	9.21	---	---	---	---	---	---
9	10.48	9.90	9.42	9.09	9.09	9.18	---	---	---	---	---	---
10	10.41	9.93	9.38	9.15	9.11	9.18	---	---	---	---	---	---
11	10.23	9.90	9.42	9.12	9.11	9.25	---	---	---	---	---	---
12	10.25	9.93	9.40	9.12	9.18	9.22	---	---	---	---	---	---
13	10.33	9.89	9.25	9.16	9.18	9.15	---	---	---	---	---	---
14	10.49	9.79	9.23	9.15	9.13	9.20	---	---	---	---	---	---
15	10.60	9.74	9.26	9.11	9.13	9.28	---	---	---	---	---	---
16	10.65	9.68	9.26	9.20	9.09	9.28	---	---	---	---	---	---
17	10.61	9.68	9.29	9.20	9.04	9.25	---	---	---	---	---	---
18	10.60	9.70	9.36	9.14	9.11	9.26	---	---	---	---	---	---
19	10.54	9.73	9.36	9.06	9.12	9.24	---	---	---	---	---	---
20	10.49	9.78	9.35	9.11	9.03	9.38	---	---	---	---	---	---
21	10.44	9.78	9.33	9.11	9.07	9.32	---	---	---	---	---	---
22	10.36	9.76	9.28	9.00	9.17	9.15	---	---	---	---	---	---
23	10.29	9.73	9.17	8.97	9.25	9.20	---	---	---	---	---	---
24	10.34	9.69	9.23	9.01	9.24	9.22	---	---	---	---	---	---
25	10.36	9.63	9.22	9.07	9.16	9.22	---	---	---	---	---	---
26	10.37	9.59	9.14	9.05	9.08	9.13	---	---	---	---	---	---
27	10.27	---	9.20	8.94	9.15	9.19	---	---	---	---	---	---
28	10.05	---	9.30	9.00	9.16	9.24	---	---	---	---	---	---
29	10.09	---	9.33	9.00	---	9.25	---	---	---	---	---	---
30	10.08	---	9.33	9.02	---	9.23	---	---	---	---	---	---
31	10.03	---	9.31	9.02	---	9.17	---	---	---	---	---	---

431457084194401 Local number 10N 1E 22DAD 01 SAGINAW CO (MARION SPRINGS DEEP)—Continued

