

# Ground-Water Records—Madison County

## 395301083272200. Local Number, M-2

LOCATION.—Latitude 39°53'01", longitude 83°27'22", Madison County, Hydrologic Unit 05060002, U.S. Highway 42 and Westmore Drive, London, Ohio.  
 Owner: State of Ohio

AQUIFER.—Limestone of Silurian Age.

WELL CHARACTERISTICS.—Drilled test artesian well, diameter 12 in., depth 350 ft, cased.

INSTRUMENTATION.—Digital recorder, 60-minute punch.

DATUM.—Elevation of land-surface datum is 1,035 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 1.00 ft above land-surface datum.

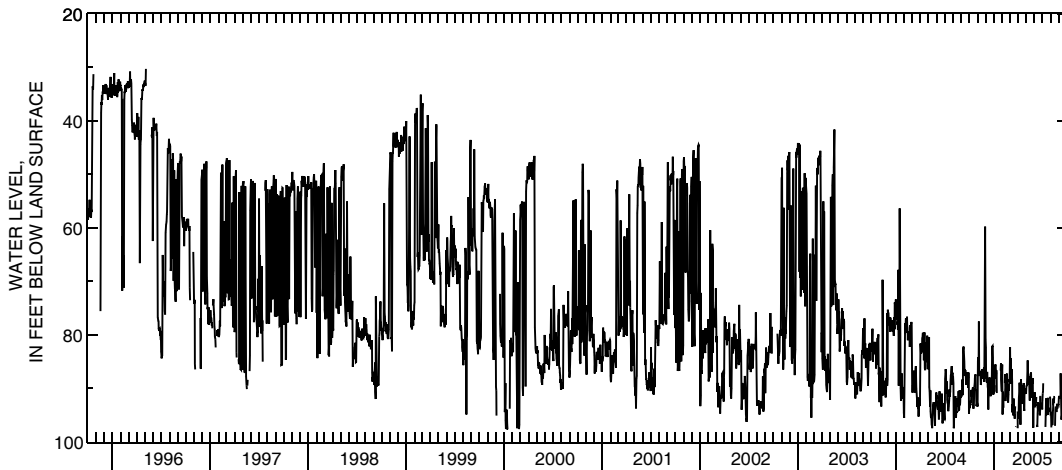
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 97.58 ft below land-surface datum, Jan. 8, 14, and 15, Feb. 26, 2000; minimum daily low, 0.55 ft above land-surface, Apr. 13, 1980.

### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.65	93.39	80.83	90.89	85.55	87.16	---	90.86	91.69	92.26	94.79	91.60
2	92.39	84.99	82.37	89.39	94.88	82.29	94.61	89.55	90.70	90.99	94.72	91.63
3	93.69	84.20	87.82	90.63	93.55	85.33	95.63	89.50	93.07	90.48	97.29	91.45
4	93.23	86.85	88.15	85.61	90.63	86.50	91.75	89.44	92.98	89.07	---	91.80
5	92.95	87.26	87.95	86.12	91.42	84.42	90.84	88.26	93.16	---	96.90	91.48
6	92.95	77.51	88.98	85.85	93.62	89.16	89.14	86.84	93.22	---	96.17	91.94
7	92.26	87.06	86.93	85.51	---	87.49	88.93	84.77	92.87	---	---	87.21
8	92.67	87.66	88.34	86.38	---	86.44	89.43	86.99	91.60	---	96.82	89.61
9	90.29	86.86	89.67	88.10	---	86.38	93.14	87.28	---	---	94.18	91.94
10	91.08	86.86	90.07	86.60	---	88.83	96.77	88.72	96.92	---	93.68	95.81
11	91.55	87.28	93.94	87.32	88.98	94.48	93.89	89.22	96.91	---	91.88	95.25
12	90.83	87.55	91.70	90.86	87.34	92.97	88.28	87.68	97.20	97.20	92.61	95.08
13	90.93	89.34	90.38	---	92.35	94.08	89.79	89.44	94.75	95.70	92.52	94.63
14	90.00	89.20	89.39	---	91.49	93.68	91.48	90.99	93.44	93.11	91.58	92.07
15	89.75	87.56	88.38	---	89.95	95.07	92.91	92.25	92.55	91.90	91.60	91.79
16	91.13	88.10	87.97	---	89.64	92.41	91.96	88.86	93.79	95.00	---	91.55
17	93.78	86.80	89.34	---	88.64	91.92	91.80	88.62	93.22	93.80	96.98	92.24
18	90.86	86.45	88.62	---	87.22	94.54	89.66	87.50	92.91	94.09	93.81	92.39
19	89.78	87.19	91.48	---	91.45	95.65	89.45	87.00	93.54	93.01	93.36	90.79
20	89.51	87.09	89.02	---	90.22	94.81	90.21	88.28	93.25	92.53	---	90.88
21	89.06	88.11	90.28	---	89.27	93.35	89.82	88.98	95.02	91.76	93.56	90.65
22	88.05	87.77	88.63	---	92.48	---	89.02	91.70	93.96	94.93	---	89.97
23	87.57	87.01	88.25	---	92.62	97.20	93.67	89.11	91.48	93.55	94.41	90.60
24	87.38	86.26	87.73	---	91.14	97.06	94.19	89.09	93.80	93.89	92.88	89.36
25	90.45	86.14	82.04	---	89.41	---	91.20	89.03	---	---	93.72	89.48
26	90.28	88.79	82.17	86.65	90.42	95.01	90.15	88.12	93.43	93.68	93.61	92.34
27	92.33	73.61	82.08	85.29	88.33	---	89.99	97.36	93.66	94.43	93.33	91.40
28	93.32	62.76	84.25	88.30	88.74	---	90.73	97.20	92.68	---	---	91.22
29	92.95	59.80	91.03	89.26	---	---	90.43	92.94	93.30	91.52	92.99	89.65
30	92.89	74.09	91.03	90.55	---	94.30	90.87	91.28	93.92	91.93	93.09	90.47
31	92.88	---	88.99	87.36	---	97.45	---	92.28	---	93.60	91.67	---
MAX	93.78	93.39	93.94	90.89	94.88	97.45	96.77	97.36	97.20	97.20	97.29	95.81
CAL YR 2004	LOW 97.44											
WTR YR 2005	LOW 97.45											



**395352083292000. Local Number, M-5A**

LOCATION.—Latitude 39°53'52", longitude 83°29'20", Madison County, Hydrologic Unit 05060002, at London Correctional Institute near London, Ohio.

Owner: State of Ohio.

AQUIFER.—Sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.—Drilled observation well, diameter 6 in., depth 116 ft, cased to 111 ft.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 1,090 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 3.00 ft above land-surface datum.

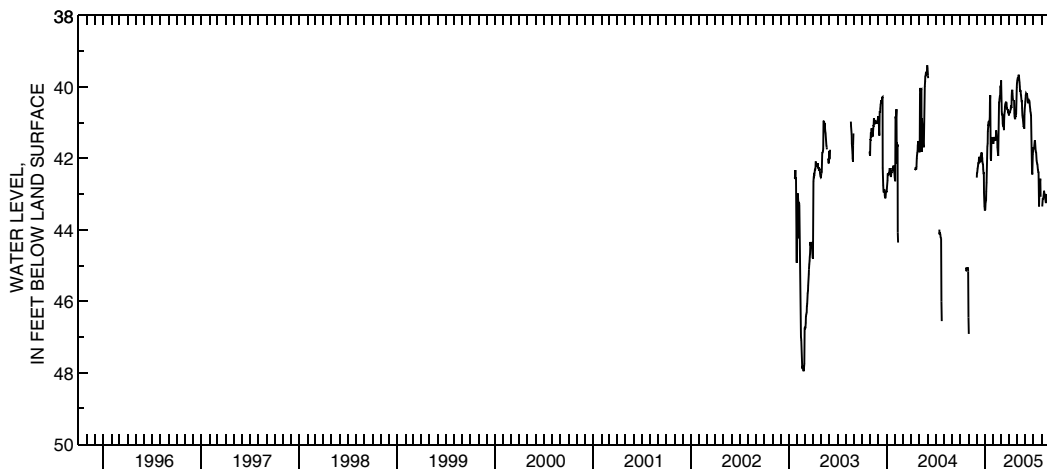
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water.

PERIOD OF RECORD.—November 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 47.96 ft below land-surface datum, Feb. 25, 2003; minimum daily low, 39.39 ft below land-surface datum, May 31, 2004.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	46.46	---	43.44	41.57	39.96	40.80	39.90	40.41	41.70	---	43.44
2	---	46.92	42.54	43.44	41.57	40.03	40.68	39.82	40.32	41.72	---	43.64
3	---	---	42.42	43.43	41.52	39.82	40.71	39.78	40.23	41.72	43.35	43.23
4	---	---	42.39	43.23	41.48	40.17	40.71	39.75	40.18	41.72	43.28	43.07
5	---	---	42.29	43.17	41.40	40.67	40.71	39.75	40.20	41.61	43.14	---
6	---	---	42.23	42.93	41.48	40.77	40.65	39.74	40.20	41.52	43.14	---
7	---	---	42.14	42.68	41.49	40.78	40.62	39.66	40.20	41.52	43.11	---
8	---	---	42.14	42.15	41.49	41.01	40.56	39.72	40.29	41.66	43.02	43.02
9	---	---	42.12	41.97	41.49	41.07	40.57	39.78	40.38	41.79	42.93	43.65
10	---	---	41.96	41.67	41.42	41.10	40.59	39.87	40.43	41.82	42.93	43.26
11	---	---	42.00	41.58	41.40	41.06	40.26	39.99	40.43	41.84	43.01	43.32
12	---	---	42.00	41.25	41.22	41.12	40.10	40.11	40.43	41.99	43.02	45.18
13	---	---	42.03	41.12	41.32	41.21	40.08	40.11	40.41	42.07	43.02	44.13
14	---	---	42.09	41.06	41.39	40.92	40.18	40.11	40.40	42.12	43.07	45.06
15	---	---	42.09	41.07	41.43	40.74	40.31	40.20	40.38	42.14	43.16	44.93
16	---	---	42.03	41.03	41.46	40.68	40.38	40.26	40.40	42.18	43.23	44.16
17	---	---	41.94	40.95	41.69	40.55	---	40.35	40.44	42.27	43.23	44.19
18	---	---	41.94	40.97	41.81	40.49	---	40.40	40.55	42.32	43.17	43.98
19	---	---	41.85	40.86	41.91	40.44	---	40.40	40.62	42.38	43.07	43.89
20	---	---	41.85	40.43	41.93	40.43	40.37	40.59	40.70	42.39	43.04	43.82
21	---	---	41.93	40.23	41.21	40.44	40.73	40.80	40.73	42.68	43.04	43.79
22	45.15	---	41.99	41.28	40.65	40.44	40.83	40.86	40.80	43.35	43.02	43.91
23	45.15	---	42.09	42.00	40.44	40.47	40.88	40.89	41.22	42.96	43.02	44.37
24	45.06	---	42.14	42.07	40.40	40.60	40.88	41.00	41.61	42.81	43.05	44.46
25	45.09	---	42.18	41.61	40.34	40.60	40.82	41.09	42.07	42.69	43.08	44.49
26	45.11	---	42.30	41.40	40.26	40.63	40.82	41.09	42.36	42.62	43.08	44.61
27	45.12	---	42.42	41.55	40.25	40.65	40.74	41.15	42.45	42.57	43.02	44.70
28	---	---	42.42	41.58	40.02	40.65	40.74	41.15	42.06	43.08	43.01	44.19
29	45.12	---	42.96	41.55	---	40.71	40.40	40.77	41.88	---	43.01	43.85
30	45.06	---	43.19	41.49	---	40.71	40.00	40.59	41.79	---	42.92	43.85
31	45.17	---	43.34	41.54	---	40.75	---	40.49	---	---	42.82	---
MAX	45.17	46.92	43.34	43.44	41.93	41.21	40.88	41.15	42.45	43.35	43.35	45.18
CAL YR 2004	LOW 46.92											
WTR YR 2005	LOW 46.92											



**395357083304400. Local Number, M-4**

LOCATION.—Latitude 39°53'57", longitude 83°30'44", Madison County, Hydrologic Unit 05060002, 3.5 mi northwest of London, Ohio. Owner: State of Ohio.  
 AQUIFER.—Sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.—Drilled unused water table well, diameter 10 in., depth 49 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 1,112 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 4.00 ft above land-surface datum.

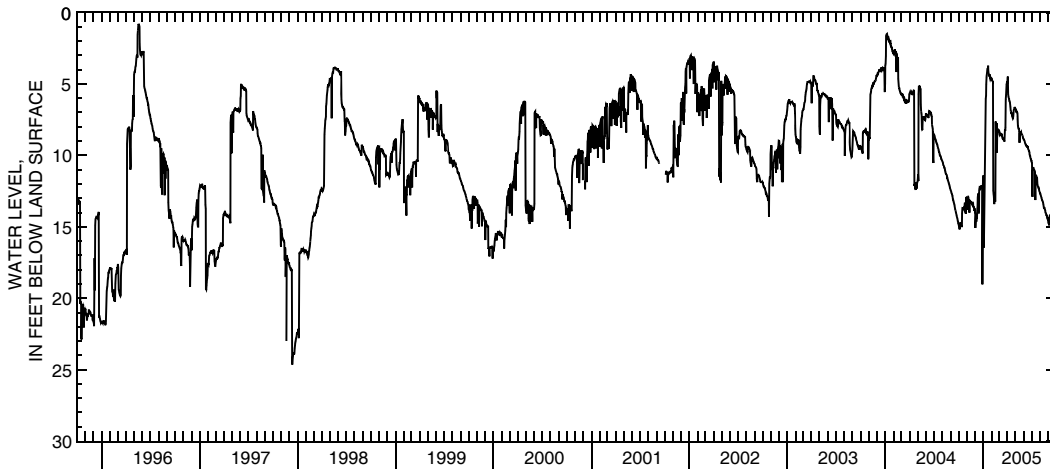
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water.

PERIOD OF RECORD.—June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 28.6 ft below land-surface datum, Oct. 26, 1993; minimum daily low 0.50 ft above land-surface datum, May 13, 14, and 16, 1989.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
 DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.79	13.82	13.90	11.73	4.71	8.43	4.91	6.72	8.87	10.46	12.66	14.67
2	14.94	12.99	13.86	11.39	4.68	8.49	4.58	6.78	8.90	10.53	12.67	14.78
3	14.96	13.00	15.09	16.47	4.74	8.54	4.48	6.89	8.94	12.56	12.77	14.85
4	15.10	12.96	14.61	15.85	4.79	8.48	5.73	6.96	9.00	12.90	12.84	14.90
5	15.18	13.00	14.16	9.90	4.84	8.59	5.90	6.96	9.06	11.06	12.90	14.24
6	14.78	12.96	14.64	8.55	4.82	8.56	6.00	6.93	9.15	10.88	12.98	14.19
7	14.79	13.10	14.39	7.50	12.47	8.43	6.06	7.01	9.20	10.88	13.07	14.21
8	14.78	13.14	14.45	6.78	12.71	8.61	6.18	7.05	9.23	10.94	13.13	14.30
9	14.87	13.14	14.12	6.47	12.80	8.61	6.21	7.25	9.30	11.01	13.17	14.37
10	14.93	14.01	13.86	6.03	13.15	8.48	6.29	7.91	9.31	11.04	13.22	14.43
11	14.96	13.13	12.93	5.82	13.41	8.52	6.39	8.07	9.36	11.07	13.28	14.48
12	14.97	13.19	12.83	5.02	13.08	8.66	6.60	8.13	9.36	11.13	13.32	14.45
13	14.97	13.25	12.71	4.52	13.10	8.76	6.87	8.13	9.42	11.69	13.43	14.54
14	14.03	13.26	12.69	4.39	13.19	8.81	6.94	8.16	9.42	13.13	13.58	14.64
15	13.70	13.25	14.07	4.22	13.19	8.85	7.05	8.30	9.36	11.75	13.64	14.72
16	13.71	13.28	13.92	3.96	7.64	8.84	7.10	9.12	9.42	11.39	13.68	14.84
17	13.75	13.31	12.45	3.90	8.36	8.84	7.06	8.46	9.49	11.43	13.68	14.90
18	13.74	13.35	12.30	3.90	9.60	8.88	7.10	8.51	9.59	11.45	13.74	15.00
19	13.70	13.34	12.33	3.71	7.77	8.88	7.11	8.49	9.63	11.54	13.83	15.03
20	13.75	13.44	12.30	4.09	7.74	8.99	7.36	8.40	9.66	11.57	13.89	15.06
21	13.79	13.47	12.21	4.26	9.80	9.00	7.43	8.41	9.69	11.64	14.00	15.08
22	13.82	13.44	12.21	4.37	8.13	8.37	7.40	8.37	9.81	12.05	14.03	15.09
23	13.56	13.44	12.24	4.47	8.16	8.16	7.26	8.46	9.93	12.14	14.09	15.18
24	13.32	13.41	12.20	4.39	8.19	8.27	6.98	8.52	10.01	12.18	14.19	15.25
25	13.35	13.59	12.12	4.32	8.21	8.04	6.81	8.55	10.06	12.24	14.21	15.29
26	13.37	13.59	12.17	4.55	8.34	6.06	6.75	8.56	10.20	12.24	14.21	15.40
27	13.38	13.62	12.20	4.65	8.33	5.76	6.69	8.61	10.26	12.32	14.33	15.47
28	14.09	13.83	12.09	4.62	8.19	5.46	6.68	8.67	10.29	12.36	14.43	15.47
29	13.32	13.83	19.04	4.50	---	5.04	6.61	8.73	10.37	12.48	14.46	15.60
30	12.90	13.82	14.50	4.59	---	4.91	6.71	8.81	10.38	12.56	14.43	15.66
31	12.96	---	12.00	4.64	---	4.92	---	8.85	---	12.62	14.58	---
MAX	15.18	14.01	19.04	16.47	13.41	9.00	7.43	9.12	10.38	13.13	14.58	15.66
CAL YR 2004	LOW 19.04											
WTR YR 2005	LOW 19.04											



**395740083255700. Local Number, M-3**

LOCATION.—Latitude 39°57'40", longitude 83°25'57", Madison County, Hydrologic Unit 05060002, 5.2 mi north of London, Ohio. Owner: State of Ohio.

AQUIFER.—Limestone of Silurian Age.

WELL CHARACTERISTICS.—Drilled test artesian well, diameter 12 in., depth 290 ft, cased to 145 ft.

INSTRUMENTATION.—Periodic measurement with chalked tape by Ohio Department of Natural Resources personnel.

DATUM.—Elevation of land-surface datum is 1,020 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 3.00 ft above land-surface datum.

REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—November 1974 to October 1982 continuous, periodic thereafter.

EXTREMES FOR PERIOD OF RECORD.—Maximum measured low, 12.01 ft below land-surface datum, Dec. 18, 1991; minimum daily low, 3.93 ft below land-surface datum, Feb. 25 and Mar. 19, 1975.

WATER LEVEL,  
IN FEET BELOW LAND-SURFACE DATUM  
INSTANTANEOUS OBSERVATION  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Water level
Oct. 22, 2004	8.95
Apr. 20, 2005	5.88

# Ground-Water Records—Mahoning County

## 410042080453800. Local Number, MA-1

LOCATION.—Latitude 41°00'42", longitude 80°45'38", Mahoning County, Hydrologic Unit, 05030103, in county fairgrounds at south edge of Canfield, Ohio.  
 Owner: City of Canfield.

AQUIFER.—Sandstone of Pennsylvanian Age.

WELL CHARACTERISTICS.—Drilled unused artesian well, diameter 8 in., depth 170 ft, cased to 99.5 ft.

INSTRUMENTATION.—Digital recorder, 60-minute punch.

DATUM.—Elevation of land-surface datum is 1,160 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter at land-surface datum.

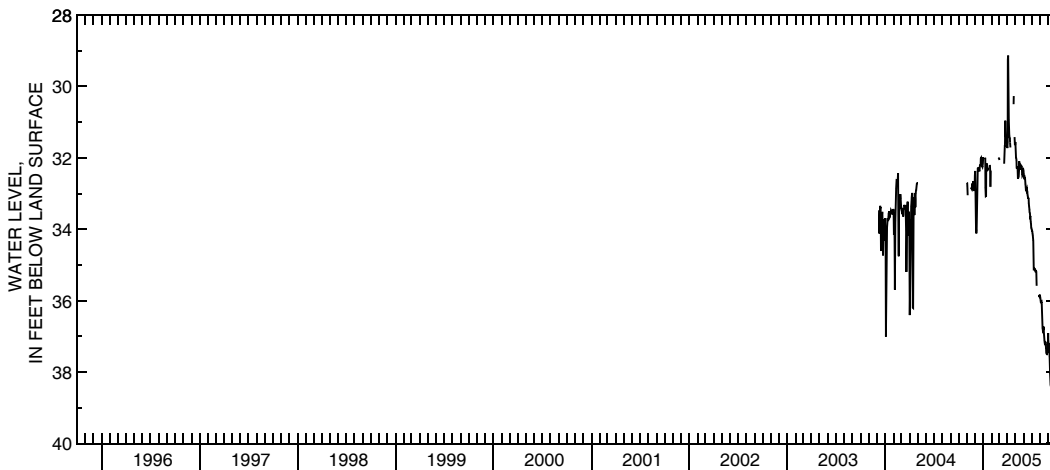
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR. Influenced by seasonal water demand at county fairgrounds.

PERIOD OF RECORD.—May 1946 to September 1982 continuous, periodic October 1982 to December 2003, continuous thereafter.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 110.75 ft below land-surface datum, Sept. 18, 1946; minimum daily low, 29.14 ft below land-surface datum, Apr. 4, 2005.

### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	32.70	32.49	31.99	---	32.00	31.73	31.56	32.45	34.02	35.86	37.11
2	---	32.71	32.37	32.04	---	32.07	31.56	31.80	32.51	34.05	35.93	37.21
3	---	32.79	32.55	32.01	---	---	29.25	31.99	32.58	34.06	35.99	37.22
4	---	33.05	33.36	---	---	---	29.14	32.01	32.58	34.12	36.05	37.32
5	---	---	33.98	---	---	---	30.39	32.07	32.56	34.17	36.06	37.56
6	---	---	34.12	---	---	---	30.94	32.28	32.60	34.33	36.04	37.85
7	---	---	34.03	32.00	32.01	---	31.19	32.28	32.74	34.60	36.11	38.04
8	---	---	33.23	32.02	---	---	31.37	32.24	32.83	35.13	36.42	38.23
9	---	---	32.95	32.84	---	---	31.44	32.30	32.91	35.13	36.66	38.36
10	---	---	32.61	33.08	---	---	31.47	32.59	32.93	35.12	36.77	38.40
11	---	---	32.31	33.07	---	---	31.58	32.56	32.84	35.11	36.84	38.43
12	---	---	32.31	32.29	---	---	31.71	32.55	32.83	35.12	36.83	38.38
13	---	---	32.28	32.38	---	---	---	32.52	32.91	35.15	36.81	38.35
14	---	---	32.33	32.16	---	---	---	32.35	32.96	35.17	36.73	38.36
15	---	---	32.35	32.24	---	---	---	32.10	33.04	35.19	36.88	38.31
16	---	---	32.35	32.24	---	---	---	32.17	33.08	35.19	36.99	38.06
17	---	32.83	32.36	32.31	---	---	---	32.26	33.13	35.18	37.12	37.80
18	---	32.87	32.36	32.34	---	---	---	32.29	33.13	35.20	37.17	37.52
19	---	32.88	32.24	32.33	---	---	---	32.29	33.14	35.59	37.23	37.30
20	---	32.80	32.21	32.30	---	32.17	---	32.31	33.27	---	37.24	37.16
21	---	32.72	32.20	32.30	---	31.95	---	32.31	33.37	---	37.15	37.13
22	---	32.81	32.19	32.30	---	31.67	---	32.27	33.45	---	37.25	37.03
23	---	32.81	32.02	---	---	31.67	---	32.23	33.54	---	37.35	36.94
24	---	32.81	32.00	---	---	30.96	30.50	32.24	33.57	---	37.47	36.93
25	---	32.66	32.05	---	---	31.19	30.27	32.33	33.65	---	37.50	36.76
26	---	32.91	32.15	32.20	---	31.39	---	32.35	33.64	---	37.51	36.59
27	---	32.91	32.24	32.40	---	31.45	---	32.50	33.79	---	37.51	36.97
28	---	32.83	32.25	32.81	32.03	31.44	31.42	32.48	33.86	35.84	37.44	37.10
29	---	32.68	32.26	32.36	---	31.42	31.62	32.33	33.96	35.89	37.43	37.25
30	---	32.70	32.19	---	---	31.56	31.62	32.32	33.98	35.90	37.43	37.13
31	---	---	32.15	---	---	31.67	---	32.37	---	35.86	36.91	---
MAX	---	33.05	34.12	33.08	32.03	32.17	31.73	32.59	33.98	35.90	37.51	38.43
CAL YR 2004	LOW 37.01											
WTR YR 2005	LOW 38.43											



## Ground-Water Records—Marion County

### 403413083170500. Local Number, MN-4

LOCATION.—Latitude 40°34'13", longitude 83°17'05", Marion County, Hydrologic Unit 05060001, 1.9 mi southeast of New Bloomington, Ohio. Owner: State of Ohio.

AQUIFER.—Limestone of Silurian Age.

WELL CHARACTERISTICS.—Drilled test artesian well, diameter 12 in., depth drilled 290 ft, present depth 286 ft, cased to 33 ft.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 915.96 ft above sea level. Measuring point: Floor of shelter 3.00 ft above land-surface datum.

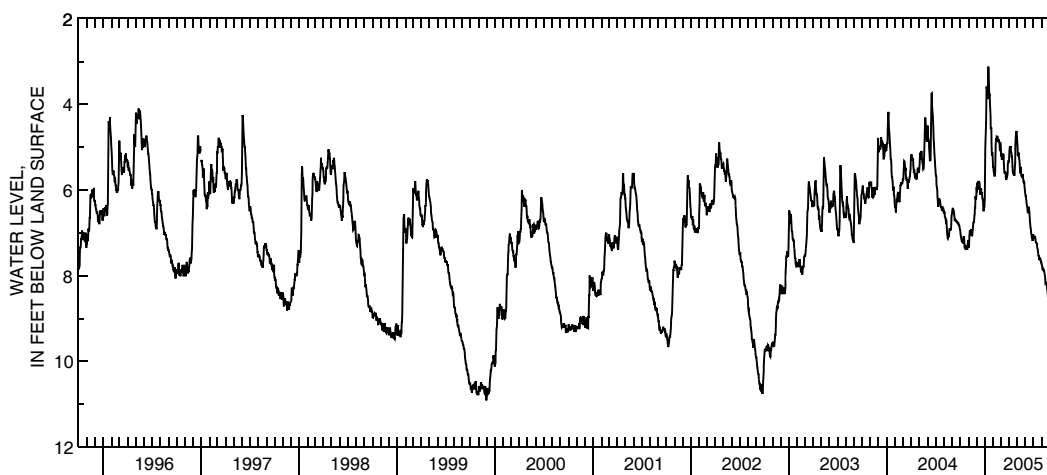
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR. Influenced by seasonal water demand for nearby wildlife refuge.

PERIOD OF RECORD.—January 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 32.57 ft below land-surface datum, Sept. 14, 1983; minimum daily low, 2.94 ft below land-surface datum, Jan. 1, 1991.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.94	7.34	5.99	6.17	5.48	5.00	5.36	4.77	6.09	7.04	7.73	8.31
2	7.01	7.28	6.00	5.39	5.46	5.15	5.16	4.88	6.14	7.10	7.76	8.21
3	7.05	7.34	5.85	5.02	5.54	5.21	5.09	5.01	6.14	7.10	7.79	8.19
4	7.08	7.17	5.84	4.76	5.60	5.18	5.00	5.18	6.20	7.10	7.85	8.17
5	7.15	7.06	5.96	4.44	5.67	5.28	5.00	5.21	6.26	7.10	7.86	8.19
6	7.17	6.94	5.90	3.93	5.67	5.28	5.02	5.16	6.32	7.11	7.86	8.17
7	7.22	6.96	5.87	3.59	5.67	5.15	4.98	5.15	6.38	7.10	7.85	8.17
8	7.16	7.04	5.99	3.65	5.57	5.24	5.06	5.24	6.41	7.13	7.88	8.13
9	7.16	7.06	5.96	3.66	5.36	5.25	5.12	5.28	6.47	7.19	7.91	8.16
10	7.23	6.99	5.79	3.86	4.93	5.24	5.16	5.33	6.54	7.22	7.89	8.22
11	7.25	6.92	5.84	3.86	4.89	5.16	5.24	5.46	6.51	7.23	7.95	8.28
12	7.22	6.96	5.85	3.72	4.80	5.27	5.19	5.61	6.44	7.25	7.97	8.30
13	7.10	7.05	5.93	3.20	4.84	5.43	5.36	5.57	6.41	7.25	8.00	8.30
14	7.10	7.08	6.08	3.12	4.79	5.52	5.46	5.46	6.41	7.26	8.09	8.31
15	7.08	7.05	6.11	3.21	4.80	5.60	5.57	5.55	6.45	7.32	8.17	8.41
16	7.20	6.94	6.02	3.44	4.76	5.60	5.63	5.61	6.53	7.38	8.16	8.39
17	7.32	6.90	6.02	3.68	4.76	5.57	5.60	5.64	6.60	7.40	8.17	8.28
18	7.36	6.83	5.96	3.78	4.79	5.60	5.60	5.69	6.72	7.43	8.16	8.24
19	7.28	6.78	6.08	3.78	4.86	5.60	5.63	5.64	6.80	7.49	8.21	8.24
20	7.32	6.74	6.06	3.96	4.88	5.70	5.64	5.66	6.87	7.55	8.24	8.16
21	7.36	6.76	6.11	4.13	4.82	5.75	5.67	5.72	6.89	7.53	8.30	8.17
22	7.40	6.72	6.15	4.27	4.84	5.75	5.63	5.67	6.96	7.56	8.34	8.12
23	7.31	6.61	6.20	4.56	4.88	5.66	5.46	5.63	7.02	7.64	8.41	8.09
24	7.29	6.56	6.23	4.56	4.88	5.70	5.36	5.75	7.04	7.62	8.48	7.95
25	7.35	6.42	6.23	4.56	4.91	5.69	4.98	5.82	7.11	7.64	8.51	7.77
26	7.36	6.42	6.41	4.91	5.06	5.66	4.79	5.81	7.13	7.58	8.49	7.51
27	7.38	6.14	6.50	5.15	5.07	5.58	4.69	5.84	7.16	7.61	8.48	7.31
28	7.38	6.20	6.47	5.19	4.89	5.37	4.67	5.84	7.19	7.64	8.56	7.05
29	7.29	6.23	6.38	5.12	---	5.39	4.62	5.91	7.16	7.65	8.61	6.86
30	7.17	6.14	6.41	5.22	---	5.31	4.69	5.99	7.16	7.69	8.58	6.81
31	7.31	---	6.35	5.33	---	5.34	---	6.06	---	7.69	8.36	---
MAX	7.40	7.34	6.50	6.17	5.67	5.75	5.67	6.06	7.19	7.69	8.61	8.41
CAL YR 2004	LOW 7.40											
WTR YR 2005	LOW 8.61											



**403443083230400. Local Number, MN-1**

LOCATION.—Latitude 40°34'43", longitude 83°23'04", Marion County, Hydrologic Unit 05060001, State Route 37 at Baptist Church in LaRue, Ohio. Owner: Village of LaRue.

AQUIFER.—Limestone of Silurian Age.

WELL CHARACTERISTICS.—Drilled unused artesian well, diameter 4 in., depth 100 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 930 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 3.30 ft above land-surface datum.

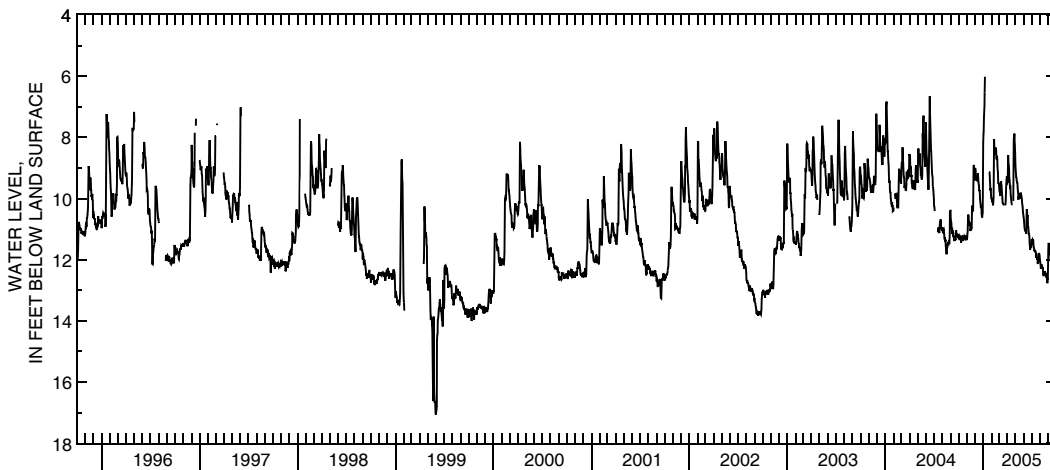
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—March 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 17.04 ft below land-surface datum, May 31 and June 1, 1999; minimum daily low, 5.67 ft below land-surface datum, Jan. 23, 1959.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.21	11.36	9.30	8.17	10.01	9.53	9.48	8.84	10.64	11.36	12.02	11.61
2	11.20	11.27	9.03	7.86	9.98	9.71	9.45	9.06	10.72	11.36	12.09	11.45
3	11.28	11.17	9.03	7.81	10.09	9.75	9.05	9.20	10.79	11.34	12.18	11.51
4	11.31	11.09	9.12	7.31	10.13	9.74	8.58	9.30	10.95	11.37	12.29	11.55
5	11.26	10.85	9.39	6.98	10.14	9.91	8.85	9.31	11.01	11.36	12.21	11.79
6	11.25	10.52	9.34	6.53	10.22	9.81	8.91	9.41	11.07	11.37	12.15	11.81
7	11.36	10.64	9.41	6.02	10.13	9.63	9.06	9.47	11.00	11.49	12.24	11.82
8	11.24	10.79	9.42	---	9.95	9.44	9.33	9.49	11.03	11.61	12.23	11.92
9	11.31	10.82	9.42	---	8.63	9.53	9.41	9.62	11.10	11.64	12.24	11.96
10	11.45	10.79	9.39	---	8.06	9.59	9.60	9.76	11.15	11.69	12.26	12.05
11	11.36	10.80	9.24	---	8.22	9.71	9.63	9.83	10.56	11.69	12.27	12.14
12	11.36	10.80	9.18	---	8.52	9.87	9.62	10.04	10.35	11.75	12.33	12.14
13	11.30	10.88	9.34	---	8.58	9.99	9.91	9.95	10.40	11.73	12.51	12.12
14	11.27	11.06	9.49	---	8.49	10.14	9.93	9.87	10.58	11.73	12.51	12.23
15	11.21	11.00	9.53	---	8.54	10.16	10.04	9.90	10.55	11.75	12.41	12.26
16	11.25	10.95	9.60	---	8.41	10.19	10.13	9.83	10.61	11.77	12.42	12.21
17	11.36	10.97	9.76	---	8.34	10.19	10.19	9.87	10.91	11.93	12.44	11.64
18	11.36	10.98	9.72	---	8.41	10.19	10.22	9.93	10.92	11.79	12.41	11.64
19	11.33	10.95	9.84	---	8.69	10.20	---	10.01	11.10	11.88	12.41	11.69
20	11.30	10.41	9.99	---	8.72	10.22	---	9.81	11.16	11.96	12.45	11.78
21	11.30	10.23	10.13	---	8.61	---	---	9.83	11.16	12.00	12.44	11.76
22	11.33	10.37	10.19	---	8.70	---	---	9.87	11.27	11.92	12.48	11.75
23	11.25	10.40	10.28	9.14	8.91	---	10.08	9.91	11.45	12.14	12.56	11.51
24	11.27	10.38	10.28	9.14	9.11	---	9.51	9.95	11.57	12.09	12.57	---
25	11.30	9.91	10.22	9.24	9.14	10.22	8.06	10.04	11.67	12.05	12.53	---
26	11.33	8.94	10.49	9.41	9.49	10.05	8.06	10.13	11.51	12.08	12.51	---
27	11.31	8.90	10.58	9.59	9.51	9.71	7.88	10.22	11.55	12.00	12.57	---
28	11.24	9.24	10.62	9.74	9.49	9.53	8.09	10.30	11.61	11.78	12.77	---
29	11.24	9.30	10.52	9.67	---	9.38	8.27	10.41	11.57	11.81	12.65	---
30	11.24	9.41	10.47	9.89	---	9.27	8.56	10.50	11.49	11.84	12.63	---
31	11.30	---	9.95	9.98	---	9.44	---	10.58	---	11.96	12.15	---
MAX	11.45	11.36	10.62	9.98	10.22	10.22	10.22	10.58	11.67	12.14	12.77	12.26
CAL YR 2004	LOW 11.82											
WTR YR 2005	LOW 12.77											



**403601083110400. Local Number, MN-2**

LOCATION.—Latitude 40°36'01", longitude 83°11'04", Marion County, Hydrologic Unit 05060001, 2 mi west of Marion, Ohio. Owner: City of Marion.

AQUIFER.—Limestone of Silurian Age.

WELL CHARACTERISTICS.—Drilled unused artesian well, diameter 12 in., depth 67 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 910 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 2.00 ft above land-surface datum.

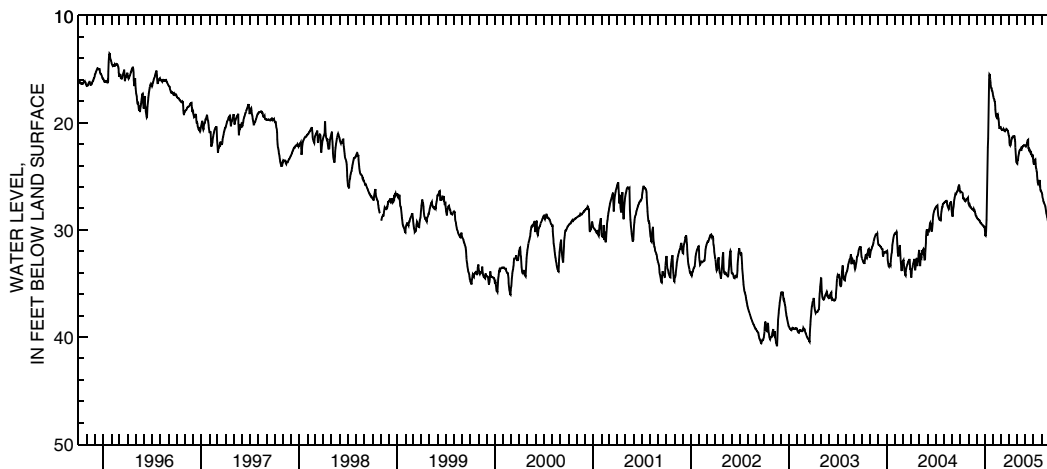
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—May 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 49.50 ft below land-surface datum, Feb. 11, 1956; minimum daily low, 7.00 ft below land-surface datum, July 12, 1987.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.45	27.57	28.80	29.91	17.46	20.47	21.21	23.82	22.19	23.60	26.52	29.82
2	26.40	27.65	28.85	30.35	17.58	20.54	21.38	23.85	22.22	23.84	26.58	29.82
3	26.40	27.57	28.89	30.54	17.72	20.58	21.86	23.43	22.23	23.93	26.73	29.55
4	26.43	27.48	28.93	30.57	17.79	20.60	22.08	23.47	22.13	23.69	26.94	29.28
5	26.46	27.65	28.98	30.18	17.88	20.69	22.08	23.43	22.07	23.52	27.06	29.12
6	26.48	27.74	29.00	29.87	18.00	20.69	22.13	23.19	22.02	23.47	27.20	29.42
7	26.51	27.86	29.04	29.10	18.05	20.67	22.02	22.98	21.89	23.45	27.36	29.90
8	26.52	27.90	29.08	27.45	18.38	20.67	21.96	22.83	21.77	23.43	27.42	30.24
9	26.55	27.90	29.07	25.79	18.78	20.67	21.75	22.71	21.68	23.82	27.47	30.36
10	26.58	27.90	29.10	24.15	19.08	20.61	21.60	22.58	21.62	24.12	27.54	30.30
11	26.83	27.93	29.16	23.07	19.23	20.58	21.53	22.55	21.59	24.27	27.60	30.36
12	27.06	27.99	29.16	22.29	19.38	20.66	21.42	22.55	22.38	24.39	27.66	30.54
13	27.15	28.05	29.25	21.51	19.47	20.72	21.35	22.50	22.47	24.53	27.74	30.69
14	27.00	28.08	29.30	19.80	19.50	20.76	21.39	22.44	22.35	24.65	27.81	30.84
15	27.09	28.10	29.31	18.17	19.26	20.79	21.38	22.50	22.43	24.96	27.88	31.05
16	27.18	28.13	29.34	16.92	19.17	20.81	21.36	22.55	22.50	25.31	28.07	31.11
17	27.26	28.13	29.38	15.96	19.32	20.70	21.30	22.56	22.59	25.58	28.29	30.65
18	27.30	28.14	29.38	15.48	19.26	20.67	21.27	22.44	22.68	25.63	28.43	30.20
19	27.32	28.14	29.45	15.53	19.43	20.66	21.24	22.38	22.76	25.56	28.55	30.06
20	27.27	28.04	29.46	15.75	19.49	20.69	21.24	22.29	22.80	25.63	28.65	29.81
21	27.29	28.17	29.49	15.96	19.64	20.69	21.24	22.29	22.71	25.73	28.76	29.64
22	27.30	28.26	29.52	16.26	19.97	20.69	21.26	22.25	22.77	25.79	28.86	29.70
23	27.18	28.29	29.57	16.55	20.22	20.60	21.57	22.17	22.86	25.59	29.07	29.83
24	27.12	28.26	29.58	16.72	20.46	20.63	21.78	22.16	22.95	25.35	29.19	29.88
25	27.12	28.38	29.60	16.80	20.58	20.67	22.35	22.16	23.03	25.59	29.25	30.12
26	27.13	28.47	29.64	16.80	20.47	20.73	22.85	22.13	23.12	25.86	29.30	30.48
27	27.11	28.52	29.67	16.95	20.46	20.75	23.25	22.10	23.18	26.25	29.38	30.57
28	27.11	28.65	29.67	17.01	20.31	20.76	23.58	22.08	23.04	26.34	29.46	30.62
29	27.05	28.70	29.70	17.04	---	20.93	23.70	22.07	22.98	26.34	29.63	30.58
30	27.00	28.71	29.72	17.18	---	21.03	23.72	22.05	23.24	26.40	29.70	30.30
31	27.20	---	29.73	17.31	---	21.18	---	22.16	---	26.45	29.81	---
MAX	27.32	28.71	29.73	30.57	20.58	21.18	23.72	23.85	23.24	26.45	29.81	31.11
CAL YR 2004	LOW 34.46											
WTR YR 2005	LOW 31.11											





# Ground-Water Records—Medina County

## 410032081422900. Local Number, MD-5

LOCATION.—Latitude 41°00'32", longitude 81°42'29", Medina County, Hydrologic Unit 05040001, near Wadsworth, Ohio. Owner: City of Wadsworth.

AQUIFER.—Sandstone of Mississippian Age.

WELL CHARACTERISTICS.—Drilled observation well, diameter 12 in., depth 237 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 1,155 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 1.5 ft above land-surface datum.

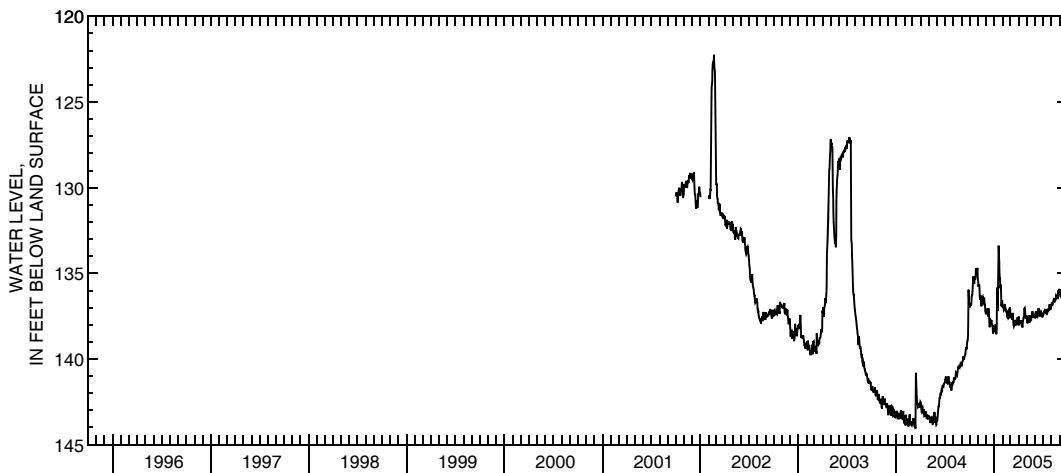
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water.

PERIOD OF RECORD.—October 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 144.06 ft below land-surface datum, Mar. 13, 2004; minimum daily low, 122.25 ft below land-surface datum, Feb. 20, 2002.

### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	136.94	135.41	137.12	138.38	136.97	137.04	138.04	137.52	137.58	137.31	136.92	136.04
2	136.94	135.54	137.13	138.36	136.97	137.43	137.52	137.57	137.48	137.41	136.83	136.13
3	136.94	135.79	137.12	138.18	136.86	137.57	137.70	137.70	137.39	137.40	136.77	136.22
4	136.77	135.64	137.12	138.23	137.00	137.57	137.91	137.88	137.29	137.36	136.71	136.32
5	136.86	135.69	137.39	138.14	137.12	137.58	137.94	137.88	137.29	137.26	136.79	136.37
6	136.85	135.69	137.36	137.97	137.10	137.58	137.88	137.73	137.24	137.22	136.82	136.35
7	136.83	136.02	137.16	138.29	137.06	137.34	137.73	137.55	137.37	137.22	136.76	136.25
8	136.66	136.34	137.48	138.51	136.85	137.60	137.81	137.61	137.45	137.16	136.70	136.04
9	136.31	136.53	137.48	138.51	136.85	137.70	137.85	137.57	137.55	137.19	136.65	135.93
10	136.28	136.46	137.03	138.24	137.03	137.61	137.84	137.45	137.57	137.21	136.56	136.01
11	136.25	136.29	137.21	136.02	137.03	137.31	137.85	137.69	137.54	137.13	136.54	136.05
12	136.04	136.50	137.26	135.84	137.04	137.51	137.81	137.87	137.49	137.12	136.54	135.95
13	135.60	136.83	137.70	136.42	137.24	137.88	137.76	137.82	137.31	137.13	136.44	135.75
14	135.32	136.92	138.12	137.19	137.10	138.00	137.88	137.45	137.17	137.24	136.58	135.71
15	135.18	136.88	138.15	135.66	137.24	138.09	138.06	137.48	137.04	137.36	136.65	135.83
16	135.27	136.61	138.03	134.37	137.22	138.03	138.16	137.63	137.14	137.37	136.64	135.79
17	135.56	136.49	137.91	133.39	137.31	137.82	137.97	137.69	137.22	137.33	136.53	135.78
18	135.57	136.39	137.75	133.85	137.52	137.79	137.75	137.70	137.41	137.29	136.46	135.87
19	135.33	136.37	137.79	134.37	137.60	137.78	137.61	137.60	137.48	137.16	136.31	135.91
20	135.32	136.49	137.84	134.89	137.60	137.88	137.54	137.48	137.48	137.17	136.35	135.83
21	135.33	136.70	137.72	135.30	137.26	138.00	137.59	137.55	137.41	137.09	136.34	135.90
22	135.33	136.68	137.89	135.31	137.45	138.00	137.52	137.48	137.28	137.09	136.32	135.84
23	135.15	136.53	137.97	135.85	137.60	137.78	137.06	137.22	137.29	137.21	136.39	135.98
24	134.72	136.42	138.06	135.86	137.57	137.85	137.03	137.46	137.24	137.13	136.46	135.98
25	134.79	136.70	138.08	135.67	137.07	137.88	137.28	137.57	137.29	136.86	136.46	135.83
26	134.84	136.85	138.23	136.27	137.45	137.91	137.27	137.52	137.43	136.86	136.28	135.50
27	134.75	136.85	138.51	136.85	137.45	137.91	137.55	137.43	137.51	136.94	136.01	135.69
28	134.84	137.14	138.47	136.92	136.98	137.57	137.66	137.43	137.51	136.98	136.07	135.67
29	134.73	137.26	138.11	136.76	---	137.82	137.60	137.48	137.57	137.03	136.04	135.90
30	134.69	137.21	138.14	136.56	---	137.85	137.46	137.49	137.51	137.09	135.96	135.98
31	135.24	---	138.09	136.76	---	137.94	---	137.57	---	137.07	135.91	---
MAX	136.94	137.26	138.51	138.51	137.60	138.09	138.16	137.88	137.58	137.41	136.92	136.37
CAL YR 2004	LOW 144.06											
WTR YR 2005	LOW 138.51											



## Ground-Water Records—Mercer County

### 402833084375200. Local Number, MR-2

LOCATION.—Latitude 40°28'33", longitude 84°37'52", Mercer County, Hydrologic Unit 05120101, at AVCO Manufacturing Company building in Coldwater, Ohio. Owner: New Idea Farm Equipment Company

AQUIFER.—Limestone of Silurian Age.

WELL CHARACTERISTICS.—Drilled unused artesian well, diameter 6 in., depth 253 ft, cased.

INSTRUMENTATION.—Digital recorder, 60-minute punch.

DATUM.—Elevation of land-surface datum is 915 ft above sea level (from topographic map). Measuring point: Top of platform 1.2 ft above land-surface datum.

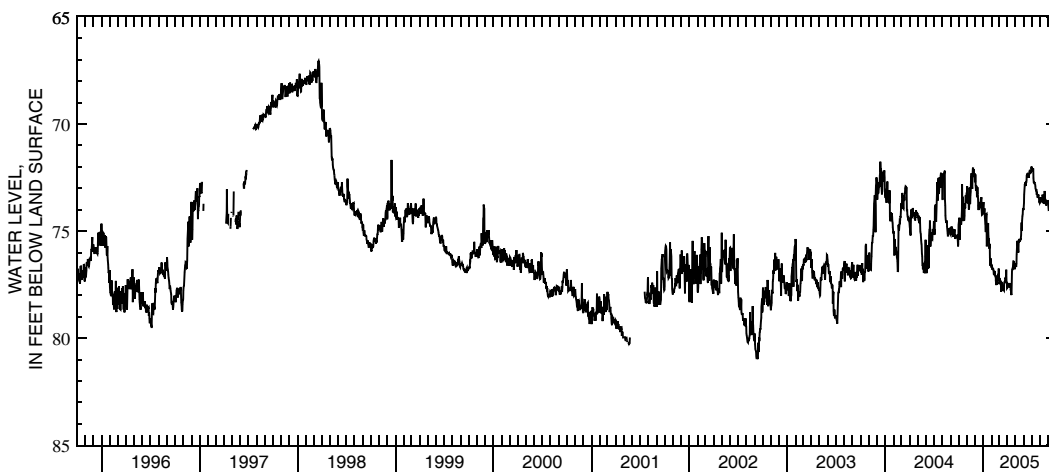
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—February 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 81.60 ft below land-surface datum, Sept. 15, 1988; minimum daily low, 60.13 ft below land-surface datum, Feb. 14, 1967.

#### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.71	73.22	72.68	73.80	76.70	77.30	77.64	76.58	73.92	72.04	73.52	73.81
2	74.56	72.91	72.68	73.64	76.57	77.27	77.50	76.61	73.68	72.15	73.48	74.00
3	74.56	73.70	72.35	73.96	76.63	77.33	77.50	76.59	73.30	72.08	73.42	73.99
4	74.37	73.37	72.88	74.21	76.81	77.21	77.56	76.67	73.07	72.12	73.47	73.97
5	75.41	73.51	73.12	73.94	76.71	77.48	77.42	76.52	72.81	72.09	73.57	74.01
6	74.65	73.27	72.88	74.18	76.78	77.37	77.51	76.11	72.87	72.10	73.52	73.97
7	74.40	73.61	72.94	74.39	76.78	77.39	77.44	75.62	72.72	72.52	73.60	73.91
8	74.70	73.99	73.42	74.63	76.86	77.82	77.63	75.45	72.89	72.73	73.62	73.80
9	74.60	73.92	73.28	74.69	77.01	77.70	77.54	75.61	72.68	72.76	73.35	73.90
10	74.62	73.31	72.95	75.05	77.02	77.55	77.49	75.70	72.74	72.74	73.30	74.02
11	74.63	72.97	73.23	74.39	77.02	77.40	77.56	75.95	72.62	72.74	73.37	74.14
12	74.40	73.73	73.30	74.21	76.91	77.43	77.42	76.00	72.39	72.75	73.41	74.15
13	74.01	73.70	73.81	74.20	76.86	77.76	77.77	75.48	72.36	72.78	73.49	73.95
14	72.82	73.35	74.01	75.71	77.06	77.62	77.73	75.37	72.41	72.89	73.56	74.09
15	73.99	73.17	73.93	75.66	77.11	77.79	77.95	75.49	72.36	73.03	73.72	74.06
16	73.40	72.44	73.63	74.62	77.07	77.54	77.98	75.48	72.30	73.08	73.69	74.10
17	73.51	72.84	73.69	74.83	77.31	77.62	77.70	75.47	72.33	73.10	73.37	74.02
18	74.53	72.30	73.69	74.94	77.52	77.75	76.84	75.42	72.41	73.04	73.13	74.06
19	74.38	72.72	73.81	74.63	77.40	77.77	76.82	75.42	72.51	73.30	73.49	74.11
20	74.22	72.90	73.82	75.09	77.21	77.41	76.75	75.37	72.45	73.25	73.51	74.20
21	73.76	73.02	73.70	75.41	77.13	77.37	76.75	75.36	72.31	73.28	73.57	74.07
22	74.51	72.50	73.81	75.40	77.49	77.37	76.64	75.18	72.22	73.39	73.63	74.02
23	74.29	72.09	73.48	75.83	77.42	77.31	76.41	74.86	72.19	73.44	73.71	74.35
24	73.70	72.04	73.51	75.71	77.42	77.17	76.41	74.60	72.21	73.40	73.81	74.29
25	73.87	72.23	73.42	75.59	77.00	77.20	76.42	74.98	72.24	73.31	73.72	74.11
26	73.94	72.23	73.98	76.24	77.02	77.21	76.44	74.52	72.29	73.32	73.71	74.17
27	73.36	72.11	74.21	76.58	77.18	77.02	76.69	74.31	72.28	73.46	73.67	74.31
28	73.36	72.43	74.19	76.62	76.75	76.80	76.78	74.22	72.23	73.49	73.71	73.68
29	73.47	72.47	74.00	76.27	---	77.44	76.71	74.01	72.10	73.63	73.73	74.12
30	73.35	72.31	74.14	76.51	---	77.37	76.57	73.93	71.99	73.68	73.56	74.30
31	73.23	---	74.13	76.56	---	77.66	---	74.01	---	73.62	73.64	---
MAX	75.41	73.99	74.21	76.62	77.52	77.82	77.98	76.67	73.92	73.68	73.81	74.35
CAL YR 2004	LOW 76.97											
WTR YR 2005	LOW 77.98											



# Ground-Water Records—Miami County

## 395848084085500. Local Number, MI-3

LOCATION.—Latitude 39°58'48", longitude 84°08'55", Miami County, Hydrologic Unit 05080001, 2 mi northeast of Tipp City, Ohio. Owner: Fulton Fruit Farms.  
 AQUIFER.—Sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.—Drilled unused water table well, diameter 5 in., depth 48 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 804.78 ft above sea level (levels by Miami Conservancy District). Measuring point: Floor of shelter 3.50 ft above land-surface datum.

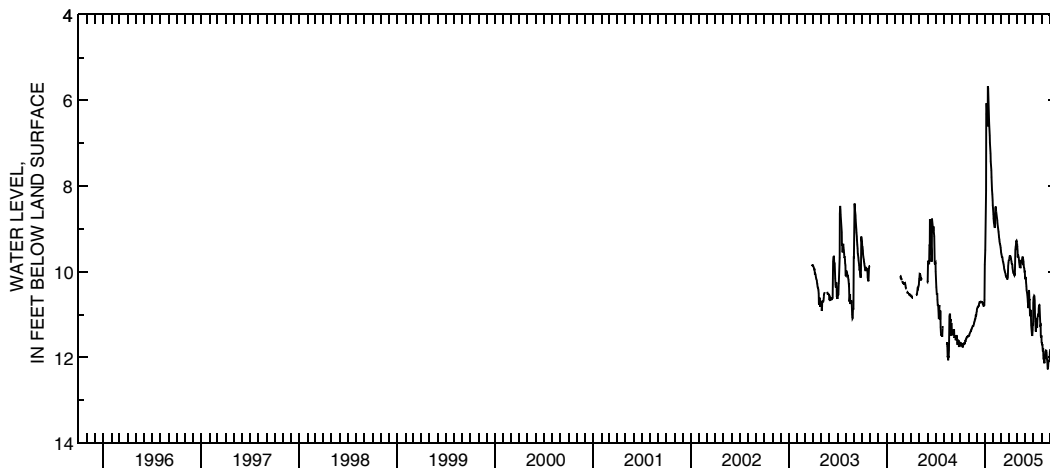
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—October 1966 to October 1982 continuous, periodic November 1982 to March 2003, continuous thereafter.

EXTREMES FOR PERIOD OF RECORD—Maximum daily low, 13.45 ft below land-surface datum, July 25, 1988; minimum daily low, 5.68 ft below land-surface datum, Jan. 12, 2005.

### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.66	11.50	10.95	9.84	8.57	9.44	9.73	9.42	10.18	10.73	11.66	11.86
2	11.66	11.50	10.93	9.58	8.67	9.51	9.72	9.41	10.14	10.59	11.67	11.83
3	11.66	11.50	10.87	9.50	8.76	9.56	9.67	9.51	10.12	10.57	11.72	11.83
4	11.67	11.49	10.85	8.64	8.86	9.59	9.64	9.67	10.26	10.56	11.70	11.82
5	11.71	11.45	10.83	8.11	8.93	9.64	9.64	9.60	10.34	10.57	11.83	11.82
6	11.70	11.43	10.83	6.32	8.96	9.66	9.64	9.63	10.43	10.68	11.82	11.81
7	11.69	11.41	10.81	6.07	8.96	9.67	9.66	9.67	10.49	11.05	11.95	11.81
8	11.67	11.40	10.80	6.22	8.81	9.73	9.69	9.74	10.55	11.17	12.05	11.89
9	11.70	11.39	10.80	6.39	8.54	9.76	9.73	9.79	10.59	11.37	11.96	11.95
10	11.77	11.39	10.76	6.57	8.48	9.78	9.77	9.84	10.71	11.40	12.11	11.95
11	11.75	11.36	10.72	6.61	8.54	9.80	9.81	9.91	10.79	11.31	12.14	11.89
12	11.72	11.35	10.71	5.68	8.59	9.84	9.82	9.89	10.85	11.19	12.02	11.89
13	11.69	11.32	10.71	5.72	8.65	9.89	9.84	9.90	10.74	11.08	12.02	11.94
14	11.68	11.31	10.72	5.80	8.68	9.93	9.91	9.90	10.43	11.13	11.94	11.91
15	11.67	11.29	10.72	6.06	8.74	9.96	9.96	9.75	10.46	11.31	11.86	11.89
16	11.67	11.27	10.72	6.30	8.80	9.99	10.01	9.74	10.66	11.12	11.84	11.87
17	11.68	11.27	10.70	6.52	8.87	10.01	10.03	9.75	10.66	11.03	11.84	10.63
18	11.68	11.27	10.70	6.69	8.93	10.04	10.03	9.78	10.98	11.02	11.83	10.53
19	11.64	11.27	10.71	6.83	8.99	10.06	10.04	9.79	11.04	11.03	11.89	10.52
20	11.62	11.24	10.71	6.99	9.02	10.10	10.07	9.71	11.02	11.03	12.00	10.52
21	11.62	11.22	10.71	7.12	9.08	10.12	10.07	9.67	10.89	10.86	12.05	10.48
22	11.59	11.20	10.72	7.25	9.15	10.13	10.08	9.67	11.09	10.79	12.11	10.48
23	11.58	11.17	10.72	7.42	9.20	10.13	10.07	9.67	11.25	10.78	12.27	10.50
24	11.56	11.15	10.74	7.54	9.25	10.16	9.69	9.72	11.34	10.79	12.28	10.50
25	11.54	11.12	10.75	7.63	9.29	10.17	9.49	9.77	11.44	11.00	12.21	10.20
26	11.53	11.11	10.77	7.79	9.35	10.17	9.42	9.84	11.48	11.15	12.08	10.09
27	11.53	11.08	10.80	7.97	9.37	10.15	9.33	9.91	11.48	11.25	12.07	9.86
28	11.52	11.03	10.80	8.09	9.39	10.13	9.29	9.93	11.36	11.24	12.11	9.79
29	11.52	11.03	10.78	8.19	---	9.87	9.28	10.00	11.23	11.50	12.09	9.75
30	11.50	11.01	10.78	8.33	---	9.79	9.31	10.00	11.23	11.54	12.07	9.78
31	11.50	---	10.66	8.45	---	9.74	---	10.15	---	11.49	11.94	---
MAX	11.77	11.50	10.95	9.84	9.39	10.17	10.08	10.15	11.48	11.54	12.28	11.95
CAL YR 2004		LOW 12.07										
WTR YR 2005		LOW 12.28										



## Ground-Water Records—Montgomery County

### 394012084151700. Local Number, MT-55

LOCATION.—Latitude 39°40'12", longitude 84°15'17", Montgomery County, Hydrologic Unit 05080002, Elm Street in West Carrollton, Ohio. Owner: Oxford Paper Company.

AQUIFER.—Sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.—Drilled unused water table well, diameter 12 in., depth 84 ft, cased.

INSTRUMENTATION.—Digital recorder, 60-minute punch.

DATUM.—Elevation of land-surface datum is 717.6 ft above sea level. Measuring point: Floor of instrument shelter 0.30 ft above land-surface datum.

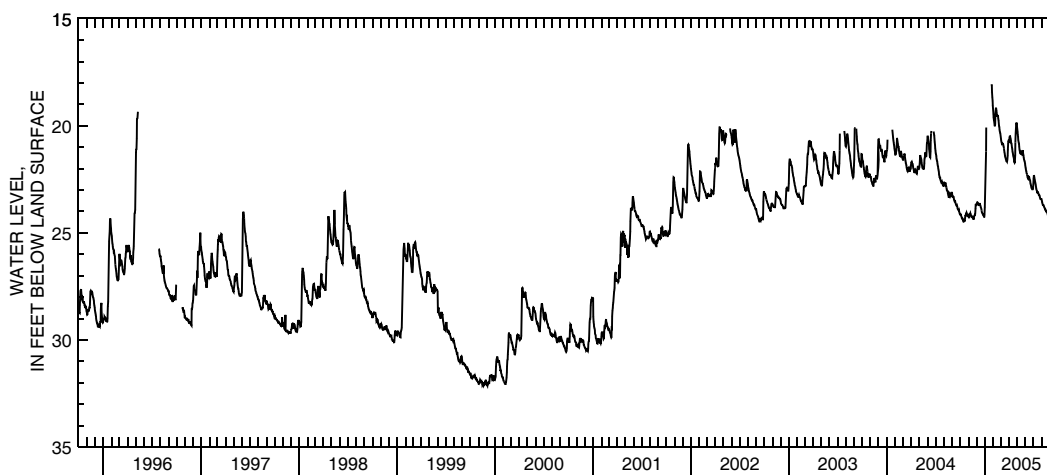
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 58.57 ft below land-surface datum, Nov. 24, 1974; minimum daily low, 18.06 ft below land-surface datum, Jan. 26, 2005.

#### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.16	24.26	23.69	23.81	19.26	20.49	20.77	20.02	21.87	22.78	23.46	23.87
2	24.16	24.29	23.68	23.15	19.45	20.60	20.76	20.15	21.95	22.47	23.52	23.76
3	24.15	24.29	23.62	22.52	19.61	20.67	20.58	20.29	22.02	22.31	23.59	23.67
4	24.20	24.28	23.58	21.94	19.74	20.77	20.50	20.42	22.09	22.34	23.65	23.61
5	24.24	24.20	23.59	21.21	19.87	20.80	20.49	20.53	22.14	22.44	23.69	23.68
6	24.28	24.12	23.65	20.09	19.96	20.85	20.55	20.67	22.22	22.52	23.70	23.78
7	24.31	24.08	23.69	---	20.03	20.83	20.62	20.79	22.28	22.60	23.70	23.83
8	24.34	24.12	23.71	---	19.92	20.85	20.71	20.85	22.34	22.68	23.74	23.87
9	24.35	24.16	23.71	---	19.48	20.85	20.81	20.97	22.39	22.75	23.77	23.90
10	24.35	24.19	23.67	---	19.28	20.88	20.84	21.12	22.47	22.80	23.81	23.93
11	24.41	24.23	23.66	---	19.20	20.93	20.90	21.19	22.49	22.91	23.84	23.96
12	24.44	24.23	23.65	---	19.20	20.97	21.03	21.26	22.50	22.98	23.86	23.99
13	24.44	24.25	23.65	---	19.31	21.07	21.09	21.31	22.47	23.03	23.88	24.03
14	24.47	24.25	23.69	---	19.41	21.14	21.20	21.32	22.39	23.08	23.91	24.09
15	24.46	24.28	23.73	---	19.52	21.25	21.27	21.26	22.40	23.12	23.95	24.11
16	24.45	24.31	23.78	---	19.51	21.33	21.36	21.18	22.46	23.13	23.96	24.12
17	24.43	24.33	23.83	---	19.54	21.40	21.42	21.23	22.51	23.10	23.98	23.95
18	24.43	24.35	23.87	---	19.54	21.47	21.45	21.29	22.55	23.11	24.01	23.79
19	24.30	24.36	23.91	---	19.58	21.54	21.55	21.33	22.59	23.15	24.02	23.73
20	24.21	24.36	23.97	---	19.67	21.56	21.67	21.32	22.68	23.19	24.03	23.73
21	24.21	24.33	24.05	---	19.76	21.59	21.72	21.22	22.73	23.22	24.06	23.72
22	24.17	24.24	24.08	---	19.94	21.66	21.73	21.14	22.80	23.23	24.10	23.77
23	24.10	24.19	24.10	---	20.01	21.66	21.70	21.22	22.85	23.25	24.14	23.83
24	24.06	24.18	24.14	---	20.07	21.67	21.38	21.33	22.91	23.26	24.18	23.84
25	24.10	24.16	24.16	---	20.20	21.68	20.80	21.39	22.92	23.33	24.20	23.84
26	24.13	24.11	24.17	18.06	20.27	21.59	20.35	21.48	22.92	23.39	24.22	23.70
27	24.19	23.87	24.21	18.12	20.33	21.40	20.09	21.57	22.97	23.42	24.22	23.38
28	24.20	23.68	24.25	18.42	20.36	21.13	19.95	21.63	22.97	23.43	24.23	23.08
29	24.21	23.67	24.26	18.67	---	20.83	19.85	21.64	22.91	23.43	24.25	22.90
30	24.21	23.68	24.25	18.85	---	20.70	19.91	21.70	22.88	23.43	24.25	22.94
31	24.20	---	24.16	19.06	---	20.70	---	21.79	---	23.43	24.09	---
MAX	24.47	24.36	24.26	23.81	20.36	21.68	21.73	21.79	22.97	23.43	24.25	24.12
CAL YR 2004	LOW 24.47											
WTR YR 2005	LOW 24.47											



**394025084162800. Local Number, MT-49**

LOCATION.—Latitude 39°40'25", longitude 84°16'28", Montgomery County, Hydrologic Unit 05080002, 1.2 mi west of city hall in West Carrollton, Ohio.

Owner: Metal Shredders, Inc.

AQUIFER.—Sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.—Drilled test water table well, diameter 6 in., depth 220 ft, cased.

INSTRUMENTATION.—Digital recorder, 60-minute punch.

DATUM.—Elevation of land-surface datum is 714.61 ft above sea level (levels by Miami Conservancy District). Measuring point: Floor of shelter 2.50 ft above land-surface datum.

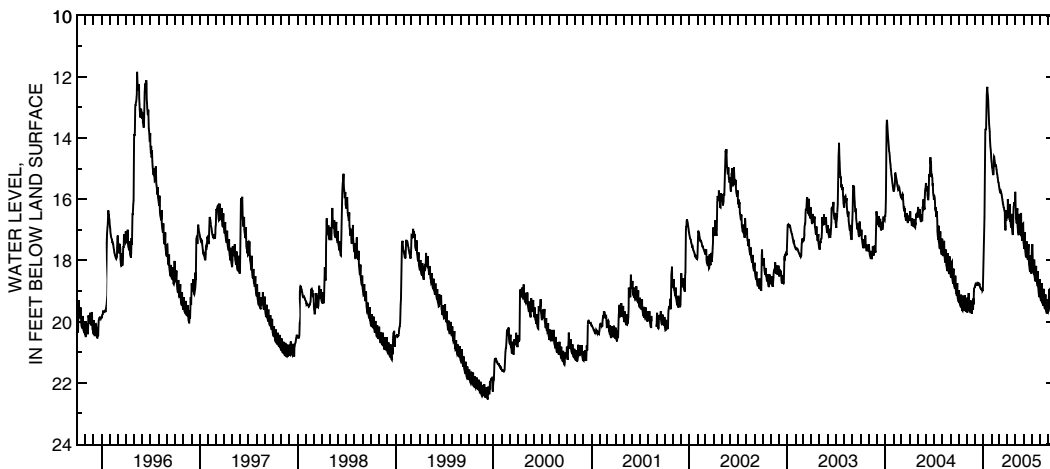
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—November 1947 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 36.30 ft below land-surface datum, Dec. 8, 1974; minimum daily low, 10.68 ft below land-surface datum, Jan. 23, 1959.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.35	19.64	18.87	18.53	14.76	15.58	16.58	15.78	17.46	17.85	19.10	19.57
2	19.37	19.68	18.83	18.03	14.84	15.64	16.53	16.32	17.55	17.54	19.18	19.53
3	18.97	19.70	18.78	17.81	15.94	15.69	16.00	16.47	17.62	17.48	19.24	19.06
4	19.27	19.63	18.76	17.26	15.04	15.73	16.30	16.47	17.20	17.51	19.30	18.97
5	19.41	19.58	18.77	16.60	15.12	15.78	16.46	16.68	17.08	18.15	19.32	18.95
6	19.43	19.44	18.78	15.53	15.17	15.78	16.53	16.79	17.64	18.27	18.97	19.47
7	19.44	19.07	18.80	14.42	15.21	15.74	16.51	16.34	17.75	18.35	18.75	19.58
8	19.50	19.50	18.83	13.84	15.16	15.78	16.60	16.30	17.85	18.43	19.27	19.64
9	19.51	19.39	18.77	13.70	14.77	15.81	16.58	16.90	17.88	18.45	19.35	19.67
10	19.12	19.57	18.73	13.73	14.61	15.84	16.16	17.02	17.90	17.98	19.39	19.29
11	19.50	19.65	18.73	13.72	14.62	15.89	16.68	17.10	17.54	18.52	19.43	19.19
12	19.53	19.68	18.72	13.52	14.74	15.95	16.67	17.13	17.38	18.60	19.48	19.66
13	19.58	19.67	18.73	13.02	14.80	16.01	16.80	17.18	17.77	18.59	19.03	19.75
14	19.62	19.30	18.75	12.63	14.89	16.07	16.86	16.68	17.86	18.61	18.93	19.81
15	19.64	19.65	18.77	12.38	14.88	16.12	16.93	16.48	17.93	18.69	19.45	19.84
16	19.24	19.60	18.77	12.33	14.89	16.17	16.78	16.96	17.98	18.64	19.49	19.78
17	19.15	19.66	18.80	12.49	14.87	16.22	16.48	17.05	17.86	18.18	19.52	19.60
18	19.47	19.72	18.79	12.59	14.93	16.27	16.96	17.11	17.56	18.59	19.57	19.14
19	19.48	19.72	18.84	12.73	15.03	16.29	17.06	17.13	17.47	18.61	19.58	19.62
20	19.54	19.74	18.86	12.87	15.04	16.33	17.13	17.10	18.00	18.52	19.57	19.67
21	19.58	19.33	18.90	13.11	15.15	16.38	17.17	16.59	18.15	18.74	19.11	19.72
22	19.56	19.58	18.91	13.35	15.19	16.42	17.14	16.45	18.22	18.81	19.57	19.79
23	19.58	19.59	18.92	13.54	15.24	16.90	16.72	16.98	18.29	18.84	19.65	19.84
24	19.14	19.61	18.93	13.68	15.31	16.89	16.26	17.16	18.35	18.36	19.67	19.39
25	19.54	19.25	18.93	13.78	15.36	17.02	16.24	17.26	18.35	18.87	19.71	19.24
26	19.59	19.44	18.95	14.02	15.44	16.56	16.13	17.32	17.84	19.00	19.71	19.41
27	19.61	19.02	18.99	14.18	15.45	16.37	16.12	17.36	18.36	19.08	19.70	19.28
28	19.65	18.91	18.95	14.29	15.50	16.71	16.10	16.87	18.37	19.15	19.28	19.23
29	19.68	18.89	18.99	14.38	---	16.55	16.19	16.80	18.43	19.20	19.70	19.29
30	19.50	18.87	18.97	14.52	---	16.58	15.76	16.79	18.40	18.98	19.71	19.30
31	19.22	---	18.91	14.64	---	16.62	---	17.40	---	18.62	19.59	---
MAX	19.68	19.74	18.99	18.53	15.50	17.02	17.17	17.40	18.43	19.20	19.71	19.84
CAL YR 2004	LOW 19.74											
WTR YR 2005	LOW 19.84											



**394425084113200. Local Number, MT-3**

LOCATION.—Latitude 39°44'25", longitude 84°11'32", Montgomery County, Hydrologic Unit 05080002, Patterson Boulevard. at Stewart Street in Dayton, Ohio.

Owner: State of Ohio.

AQUIFER.—Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.—Drilled test water table well, diameter 6 in., depth 80 ft, cased.

INSTRUMENTATION.—Digital recorder, 60-minute punch.

DATUM.—Elevation of land-surface datum is 744 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 1.20 ft above land-surface datum.

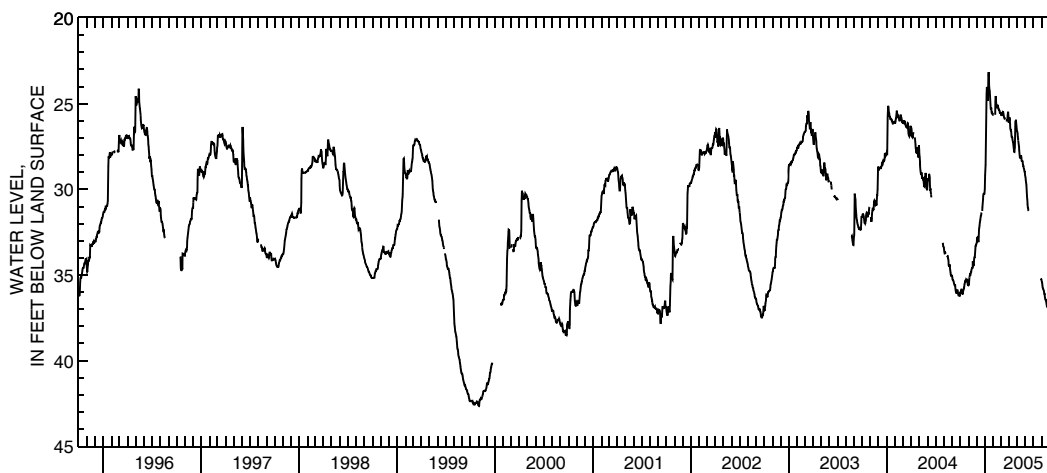
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—May 1945 to June 1974. Reactivated June 1980.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low 78.90 ft below land-surface datum, May 24, 1968, and Sept. 30, 1969; minimum daily low, 23.16 ft below land-surface datum, Jan. 15, 2005.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.03	35.48	33.15	30.00	25.70	25.57	26.08	26.60	29.24	---	35.36	37.14
2	36.06	35.58	33.10	29.17	---	25.59	25.95	26.65	29.32	---	35.41	37.04
3	36.06	35.57	32.92	28.98	---	25.63	25.80	26.73	29.47	---	35.49	36.92
4	35.94	35.25	32.82	28.58	---	25.61	25.94	26.91	29.61	---	35.62	37.03
5	35.96	35.15	32.80	27.29	---	25.68	26.17	27.06	29.75	---	35.75	37.12
6	35.86	34.99	32.88	25.88	---	25.68	26.43	27.16	29.96	---	35.81	37.22
7	35.87	35.01	33.04	24.47	---	25.54	26.55	27.38	30.46	---	35.85	37.26
8	35.97	35.01	33.04	24.03	25.66	25.49	26.55	27.52	30.62	---	35.91	37.36
9	36.10	34.89	32.75	24.27	24.88	25.50	26.64	27.72	30.86	---	35.96	37.45
10	36.10	34.82	32.33	24.75	24.56	25.50	26.87	27.94	31.08	---	36.06	37.48
11	35.99	34.82	32.23	24.84	24.62	25.57	26.95	28.13	31.13	---	36.12	37.49
12	35.95	34.68	32.11	24.67	24.97	25.68	26.95	28.15	31.24	---	36.12	37.55
13	35.85	34.63	31.95	24.19	25.10	25.78	27.00	28.14	31.26	---	36.34	37.63
14	35.80	34.59	31.85	23.38	25.23	25.83	27.10	28.15	---	---	36.40	37.69
15	35.77	34.58	31.77	23.16	25.23	25.87	27.21	28.12	---	---	36.46	37.74
16	35.66	34.58	31.64	23.43	25.18	25.87	27.27	28.03	---	---	36.48	37.75
17	35.54	34.21	31.54	23.94	25.13	25.93	27.34	28.18	---	---	36.48	37.62
18	35.48	34.44	31.52	24.18	25.08	---	27.54	28.31	---	---	36.58	37.47
19	35.37	34.44	31.38	24.28	25.22	---	27.68	28.38	---	---	36.69	37.61
20	35.34	34.44	31.37	24.53	25.23	---	27.81	28.30	---	---	36.83	37.73
21	35.36	34.40	---	24.89	25.33	---	27.82	28.36	---	---	36.85	37.77
22	35.30	34.10	31.27	25.17	25.34	---	27.69	28.40	---	---	36.82	37.87
23	35.26	33.97	31.05	25.29	25.36	26.05	27.58	28.55	---	---	36.84	37.99
24	35.28	33.96	30.84	25.29	25.39	25.98	26.75	28.64	---	---	36.86	38.00
25	35.30	33.89	30.59	25.29	25.41	25.97	26.04	28.65	---	---	36.89	38.00
26	35.30	33.62	30.41	25.47	25.55	25.92	25.99	28.78	---	---	36.99	37.74
27	35.29	33.34	30.27	25.58	25.55	25.68	25.99	28.84	---	---	37.08	37.57
28	35.30	33.29	30.26	25.59	25.50	25.60	26.12	28.90	---	35.24	37.09	37.17
29	35.52	33.28	30.27	25.56	---	25.48	26.30	28.97	---	35.24	37.18	37.15
30	35.60	33.19	30.27	25.60	---	25.79	26.49	28.98	---	35.24	37.20	37.15
31	35.60	---	30.24	25.63	---	26.08	---	29.21	---	35.27	37.20	---
MAX	36.10	35.58	33.15	30.00	25.70	26.08	27.82	29.21	31.26	35.27	37.20	38.00
CAL YR 2004	LOW 36.21											
WTR YR 2005	LOW 38.00											



**394533084113800. Local Number, MT-6**

LOCATION.—Latitude 39°45'33", longitude 84°11'38", Montgomery County, Hydrologic Unit 05080002, 3rd and Ludlow Street, Dayton, Ohio. Owner: City of Dayton

AQUIFER.—Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.—Drilled unused artesian well, diameter 8 in., depth 60 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 740 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 13.00 ft below land-surface datum.

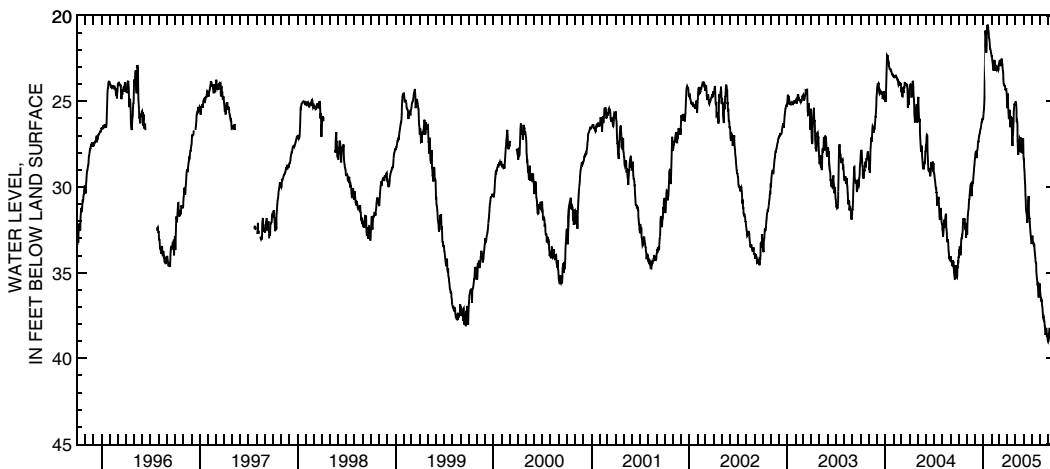
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR.

PERIOD OF RECORD.—February 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 60.20 ft below land-surface datum, Oct. 2, 1970; minimum daily low, 20.54 ft below land-surface datum, Jan. 16, 2005.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.07	32.31	28.38	26.00	22.37	22.83	24.92	25.05	28.35	33.23	36.02	39.00
2	34.11	32.78	28.25	25.73	22.37	22.74	24.63	25.04	28.31	33.05	36.21	38.97
3	33.63	32.30	28.08	25.65	22.47	22.64	24.54	25.10	28.86	32.88	36.39	38.73
4	33.95	31.90	27.98	25.44	22.71	22.64	25.31	25.14	29.06	32.85	36.48	38.48
5	33.48	31.65	27.90	24.83	22.83	22.74	25.63	25.43	29.51	33.20	36.69	38.22
6	33.59	31.37	28.05	23.78	22.98	22.83	26.00	26.22	29.82	33.28	36.59	38.32
7	33.56	31.28	28.31	22.41	23.16	22.94	26.00	26.16	30.45	33.24	36.63	38.45
8	33.99	31.02	28.11	21.11	23.22	22.79	25.56	26.28	30.80	33.41	36.92	38.60
9	33.48	30.74	27.90	20.88	23.04	22.72	25.50	27.32	31.25	33.42	37.02	38.76
10	33.27	30.71	27.83	21.09	22.76	22.50	25.68	27.80	31.44	33.33	37.14	38.75
11	33.02	30.51	27.69	21.29	22.58	22.58	26.51	28.13	31.53	33.65	37.38	38.67
12	32.96	30.27	27.50	22.16	22.65	22.72	25.86	27.53	31.59	33.85	37.52	38.81
13	32.90	30.11	27.35	21.71	22.68	22.86	25.93	27.78	31.90	33.98	37.63	39.10
14	32.91	29.94	27.35	21.06	22.92	23.03	25.88	27.75	32.09	34.13	37.60	39.38
15	32.75	29.85	27.21	20.63	23.21	23.22	25.97	27.26	31.73	34.34	37.78	39.56
16	32.53	29.81	27.09	20.54	23.10	23.34	25.97	27.15	31.65	34.41	37.78	39.74
17	32.22	29.88	27.00	20.57	22.97	23.70	26.07	27.20	31.55	34.44	37.86	39.38
18	31.93	30.54	26.91	20.57	22.89	24.00	27.03	27.50	30.78	34.91	38.09	39.15
19	31.83	30.42	26.85	20.70	23.01	24.02	27.36	27.98	30.53	35.13	38.16	39.15
20	31.90	30.08	26.78	20.82	22.94	24.08	27.62	27.78	31.35	35.37	38.53	39.45
21	31.93	29.90	26.64	20.97	23.16	24.09	26.94	27.51	31.65	35.43	38.64	39.45
22	31.89	29.70	26.61	21.30	23.13	24.14	26.97	27.12	31.85	35.66	38.53	39.66
23	31.88	29.78	26.58	21.32	23.13	24.09	26.64	27.72	31.82	35.64	38.49	39.81
24	31.89	29.76	26.42	21.44	23.06	24.30	26.19	27.18	32.22	35.84	38.22	39.75
25	32.45	29.52	26.28	21.59	23.13	24.30	25.63	27.27	32.46	36.15	38.40	39.95
26	32.45	29.30	26.22	21.89	23.19	24.36	25.35	27.56	32.60	36.41	38.73	39.96
27	32.10	29.07	26.19	21.95	23.12	24.29	25.17	28.04	32.84	36.41	38.67	39.20
28	32.18	28.90	26.07	21.96	22.86	24.24	25.13	27.32	33.00	35.96	38.58	39.18
29	32.97	28.73	26.00	22.05	---	24.47	25.22	27.21	33.07	35.97	38.85	38.68
30	32.64	28.50	26.08	22.17	---	24.78	25.10	27.21	33.33	35.81	38.96	38.24
31	32.43	---	26.07	22.22	---	25.40	---	28.25	---	35.64	39.03	---
MAX	34.11	32.78	28.38	26.00	23.22	25.40	27.62	28.25	33.33	36.41	39.03	39.96
CAL YR 2004	LOW 35.40											
WTR YR 2005	LOW 39.96											



### 394811084095000. Local Number, MT-74

LOCATION.—Latitude 39°48'11", longitude 84°09'50", Montgomery County, Hydrologic Unit 05080002, in Dayton, Ohio. Owner: City of Dayton.

AQUIFER.—Sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.—Drilled test water table well, diameter 8 in., depth 100 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 750 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 4.0 ft above land-surface datum.

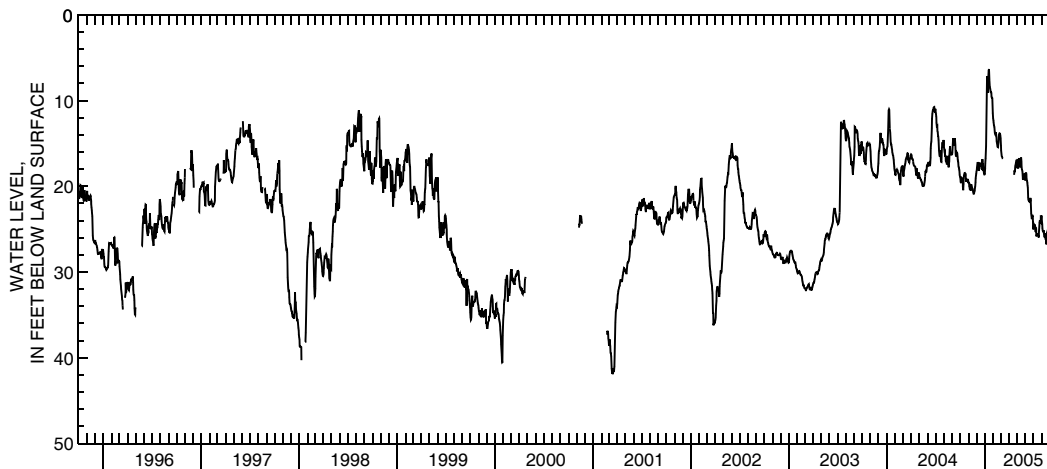
REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water.

PERIOD OF RECORD.—April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 60.50 ft below land-surface datum, Oct. 31 and Nov. 1, 1991; minimum daily low, 6.33 ft below land-surface datum, Jan. 16, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.93	19.65	18.21	18.53	12.09	14.43	---	17.65	19.31	25.02	23.57	25.29
2	19.14	19.50	18.09	17.95	12.33	15.18	---	17.20	18.86	24.86	24.06	25.04
3	19.55	19.62	17.82	17.31	12.54	15.83	---	16.81	18.54	24.57	24.42	24.74
4	19.64	19.92	17.50	16.75	12.85	16.17	---	17.58	18.40	24.47	24.87	24.53
5	19.14	20.06	17.19	15.32	13.11	16.52	---	17.93	18.61	24.56	25.20	24.47
6	19.02	19.95	17.27	12.48	13.34	16.56	---	17.81	19.14	24.59	25.31	24.48
7	19.08	20.15	17.33	9.69	13.82	16.70	---	17.01	19.38	24.59	25.25	24.95
8	19.15	20.42	18.20	7.77	13.92	16.68	---	16.71	19.62	24.99	25.14	25.13
9	19.19	20.52	18.11	7.19	13.86	---	---	16.97	19.86	25.35	25.43	24.66
10	19.19	19.92	17.76	7.73	13.68	---	---	17.22	20.16	25.08	25.58	24.22
11	20.03	19.77	17.47	8.01	14.12	---	---	17.37	21.29	25.02	25.86	24.08
12	20.45	19.90	17.34	9.09	13.95	---	---	17.54	21.53	25.85	25.97	24.05
13	19.74	20.03	17.34	8.97	14.24	---	---	17.69	21.65	25.76	25.47	23.85
14	19.11	20.15	17.39	7.22	14.75	---	---	17.65	21.68	25.46	25.95	23.70
15	18.70	20.27	17.28	6.53	14.96	---	---	16.94	21.72	25.63	26.18	23.70
16	18.61	20.37	17.45	6.33	15.18	---	---	16.65	21.68	25.70	26.21	23.66
17	18.48	20.49	17.58	6.65	15.30	---	---	17.07	21.54	25.70	26.24	23.47
18	18.45	20.60	17.67	7.67	15.42	---	---	17.76	21.95	25.58	26.68	23.13
19	18.54	20.73	17.91	8.37	15.45	---	---	18.03	21.69	25.74	26.78	22.85
20	18.72	20.85	17.97	8.45	15.15	---	18.66	18.14	21.35	25.92	25.85	22.80
21	18.69	20.85	18.00	8.63	14.88	---	18.35	18.22	21.68	25.98	25.50	22.72
22	18.97	20.81	17.09	8.88	14.24	---	18.14	18.78	22.67	25.19	25.33	22.62
23	19.47	20.63	16.83	9.01	13.95	---	18.35	19.19	23.19	24.62	25.40	22.52
24	19.13	20.51	17.37	9.03	13.82	---	17.78	18.84	23.51	24.26	25.32	22.49
25	19.25	20.25	17.43	9.12	13.82	---	17.55	19.25	23.82	23.99	25.43	22.29
26	19.28	20.04	17.75	9.53	13.92	---	17.45	18.95	23.67	24.09	25.43	22.02
27	19.34	19.55	18.06	9.66	13.92	---	17.22	18.65	23.34	24.22	25.02	22.49
28	19.31	19.04	18.36	9.67	14.07	---	17.25	19.13	23.51	24.26	24.83	22.58
29	19.15	18.75	18.48	9.72	---	---	17.88	18.74	23.55	23.70	25.32	21.86
30	19.36	18.47	18.63	10.92	---	---	17.78	18.45	24.80	23.75	25.40	21.95
31	19.29	---	18.63	11.45	---	---	---	19.02	---	23.40	25.41	---
MAX	20.45	20.85	18.63	18.53	15.45	16.70	18.66	19.25	24.80	25.98	26.78	25.29
CAL YR 2004	LOW 20.85											
WTR YR 2005	LOW 26.78											





# Ground-Water Records—Muskingum County

## 395804081593200. Local Number, MU-1A

LOCATION.—Latitude 39°58'04", longitude 81°59'32", Muskingum County, Hydrologic Unit 05040004, 2.2 mi northeast of the "Y" bridge in Zanesville, Ohio.  
 Owner: City of Zanesville.

AQUIFER.—Sand and gravel of Quaternary Age.

WELL CHARACTERISTICS.—Drilled unused water table well, diameter 6 in., depth 109 ft, cased.

INSTRUMENTATION.—Electronic data logger, 60-minute log interval.

DATUM.—Elevation of land-surface datum is 700 ft above sea level (from topographic map). Measuring point: Floor of instrument shelter 4.48 ft above land-surface datum.

REMARKS.—Station operated by Ohio Department of Natural Resources (ODNR), Division of Water. Some historical records not published by the USGS are available from ODNR. Water level affected by nearby wells and by stage of the Muskingum River. Prior to water year 1978, well depth reported as 132 ft.

PERIOD OF RECORD.—June 1952 to current year. This well replaced Mu-1, which has continuous record from May 1942 to June 1952.

EXTREMES FOR PERIOD OF RECORD.—Maximum daily low, 37.25 ft below land-surface datum, Aug. 1 and 2, 1954; minimum daily low, 5.75 ft below land-surface datum, Jan. 11, 2004.

### DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.69	14.82	14.42	---	6.84	11.55	12.89	10.82	12.20	12.89	13.80	12.02
2	11.57	15.00	14.18	---	7.01	12.14	12.87	11.00	11.21	12.84	13.89	11.03
3	11.57	15.20	12.77	---	5.99	12.03	11.79	11.04	11.04	12.36	13.82	11.10
4	11.39	15.21	12.30	---	6.54	11.39	11.27	10.56	11.40	12.80	13.65	10.64
5	12.21	14.39	12.41	---	6.45	12.39	10.23	10.68	12.21	12.54	13.56	11.85
6	12.45	13.97	12.47	---	7.16	12.45	9.51	10.77	12.54	12.62	13.64	11.82
7	12.74	14.37	12.06	---	7.43	12.35	9.18	11.84	12.67	12.49	13.44	11.91
8	12.77	14.30	13.37	---	7.55	12.41	10.29	12.02	13.58	12.40	12.90	12.09
9	13.22	14.28	13.59	---	7.19	11.90	10.80	11.90	13.55	13.05	13.00	11.79
10	13.02	14.58	12.80	---	7.17	12.27	11.00	12.06	11.91	13.19	13.08	11.25
11	12.77	14.61	12.95	---	7.23	12.69	11.39	13.00	11.52	13.27	12.63	12.50
12	12.66	14.48	12.80	---	7.89	12.12	11.33	13.08	11.37	12.84	12.89	12.59
13	12.98	14.70	13.05	---	7.40	12.96	11.03	12.83	12.45	14.13	12.89	13.11
14	13.04	15.23	13.05	---	8.49	14.26	12.26	12.38	12.67	13.90	12.81	13.26
15	13.23	14.73	12.72	---	9.14	14.31	11.85	13.00	13.07	13.35	12.81	12.84
16	13.58	15.03	13.13	---	8.07	12.36	12.09	12.60	13.07	13.86	12.09	13.25
17	13.97	15.40	13.13	---	8.70	12.27	12.50	13.07	12.78	13.59	12.75	13.35
18	13.95	15.09	13.44	---	9.18	12.57	12.83	13.79	12.60	12.87	13.25	13.67
19	14.21	15.24	13.79	---	9.39	13.47	12.77	12.02	12.74	13.25	13.31	13.85
20	14.48	14.91	13.46	---	9.48	13.49	12.87	11.85	12.53	12.85	13.51	13.90
21	13.98	14.85	13.94	---	9.44	12.87	14.13	11.63	12.41	12.32	13.49	14.12
22	13.40	14.54	14.76	---	9.78	13.64	14.09	12.15	13.05	12.83	13.68	14.21
23	13.49	14.54	14.79	---	10.22	13.97	13.10	12.26	12.24	12.27	13.41	14.40
24	14.26	13.85	14.42	---	10.08	13.94	12.53	12.51	13.00	12.18	13.25	14.18
25	14.54	14.69	14.42	---	11.16	13.74	12.41	12.85	12.26	12.35	12.95	14.16
26	14.43	14.69	13.05	---	11.22	13.88	11.52	12.00	11.99	12.69	13.02	14.15
27	14.61	14.06	---	---	11.58	13.26	11.13	11.82	11.99	13.62	13.13	14.24
28	15.01	14.31	---	---	11.01	13.37	11.76	11.84	12.41	13.80	13.08	15.32
29	14.96	14.58	---	---	---	13.25	10.58	11.87	12.29	13.23	12.69	15.20
30	14.61	14.33	---	---	---	12.56	11.03	12.06	12.69	13.02	12.90	13.90
31	14.76	---	---	---	---	12.24	---	12.29	---	13.40	12.78	---
MAX	15.01	15.40	14.79	---	11.58	14.31	14.13	13.79	13.58	14.13	13.89	15.32
CAL YR 2004	LOW 17.06											
WTR YR 2005	LOW 15.40											

