

ERIE COUNTY

415607080044601. Local number, ER 82.

LOCATION.--Lat 41°56'07", long 80°04'46", Hydrologic Unit 05010004, near McLane.
 Owner: U.S. Geological Survey.

AQUIFER.--Shale of Riceville Formation of Late Devonian age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 82 ft, cased to 56 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder.

DATUM.--Elevation of land-surface datum is 1,419 ft above sea level, from topographic map. Measuring point: Top of plywood cover, 3.50 ft above land-surface datum.

PERIOD OF RECORD.--July 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.00 ft below land-surface datum, Mar. 17, 1973; lowest, 24.89 ft below land-surface datum, Oct. 21-23, 1998.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.71	24.87	24.01	21.95	19.78	19.56	---	19.04	19.77	20.78	21.47	22.85
2	24.75	24.87	23.95	21.86	19.68	19.50	---	19.10	19.76	20.79	21.46	22.87
3	24.78	24.87	23.91	21.77	19.61	19.44	---	19.15	19.75	20.80	21.50	22.88
4	24.79	24.86	23.89	21.66	19.56	19.36	---	19.18	19.75	20.84	21.56	22.89
5	24.83	24.84	23.87	21.62	19.50	19.29	---	19.21	19.75	20.92	21.61	22.90
6	24.86	24.83	23.82	21.60	19.48	19.26	---	19.25	19.76	20.97	21.68	22.91
7	24.88	24.82	23.79	21.53	19.43	19.19	---	19.26	19.81	20.99	21.72	22.94
8	24.87	24.77	23.77	21.48	19.39	19.16	---	19.26	19.89	21.01	21.75	23.04
9	24.84	24.72	23.75	21.42	19.41	19.16	---	19.26	19.95	21.01	21.80	23.04
10	24.85	24.70	23.72	21.38	19.44	19.16	---	19.28	20.00	21.01	21.86	23.04
11	24.85	24.65	23.70	21.33	19.44	19.16	---	19.30	20.01	20.98	21.97	23.09
12	24.82	24.67	23.67	21.27	19.44	19.16	---	19.36	20.05	21.00	22.05	23.15
13	24.81	24.67	23.64	21.24	19.44	19.16	---	19.41	20.10	21.01	22.14	23.17
14	24.79	24.66	23.59	21.24	19.38	19.16	---	19.48	20.15	21.06	22.20	23.24
15	24.79	24.60	23.59	21.20	19.36	19.15	---	19.55	20.22	21.13	22.27	23.28
16	24.83	24.56	23.59	21.13	19.37	19.16	---	19.60	20.27	21.19	22.34	23.33
17	24.84	24.50	23.58	21.08	19.39	19.16	---	19.64	20.33	21.25	22.36	23.37
18	24.86	24.47	23.52	21.05	19.39	19.21	---	19.68	20.38	21.30	22.39	23.40
19	24.88	24.42	23.50	20.95	19.39	19.22	---	19.68	20.48	21.36	22.42	23.44
20	24.88	24.40	23.48	20.90	19.40	19.21	---	19.70	20.53	21.39	22.43	23.45
21	24.89	24.36	23.40	20.85	19.41	19.15	---	19.71	20.62	21.40	---	23.45
22	24.89	24.35	23.36	20.80	19.46	19.06	18.97	19.73	20.65	21.40	---	23.48
23	24.89	24.36	23.23	---	19.51	19.00	18.97	19.76	20.66	21.40	---	23.50
24	24.88	24.40	23.09	---	19.55	18.91	18.95	19.77	20.67	21.40	---	23.58
25	24.83	24.41	22.90	---	19.56	18.88	18.94	---	20.69	21.40	22.65	23.68
26	24.81	24.39	22.72	20.44	19.57	18.88	18.92	19.77	20.70	21.41	22.65	23.77
27	24.80	24.37	22.54	20.33	19.57	18.87	18.90	19.77	20.70	21.42	22.65	23.87
28	24.80	24.37	22.45	20.20	19.57	18.88	18.92	19.77	20.71	21.44	22.68	23.95
29	24.81	24.29	22.41	20.14	---	---	18.95	19.78	20.72	21.45	22.74	23.97
30	24.81	24.17	22.15	20.05	---	---	18.99	19.78	20.75	21.48	22.77	23.96
31	24.86	---	22.08	19.93	---	---	---	19.77	---	21.48	22.81	---
MEAN	24.83	24.57	23.38	21.09	19.48	19.16	18.95	19.50	20.25	21.18	22.15	23.32
MAX	24.89	24.87	24.01	21.95	19.78	19.56	18.99	19.78	20.75	21.48	22.81	23.97
MIN	24.71	24.17	22.08	19.93	19.36	18.87	18.90	19.04	19.75	20.78	21.46	22.85

WTR YR 1999: HIGHEST 18.87, MARCH 27; LOWEST 24.89, OCTOBER 21-23.

