

MIFFLIN COUNTY

404140077354001. Local number, MF 344.

LOCATION.--Lat 40°41'40", long 77°35'48", Hydrologic Unit 02050304, at Roseann.

Owner: Ira Huron.

AQUIFER.--Bellefonte Formation, Early-Middle Ordovician age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 200 ft, cased to 42 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder; pressure transducer and electronic data logger recording at 60-minute interval since July 1998.

DATUM.--Elevation of land surface is 800 ft above sea level, from topographic map. Measuring point: Top of shelter platform, 1.0 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since August 1998, are also available from the District Office.

PERIOD OF RECORD.--September 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above.

Highest water level, 13.54 ft below land-surface datum, Apr. 28, 1993; lowest, 77.13 ft below land-surface datum, Oct. 11, 1983.

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	61.06	61.82	68.44	72.84	45.10	57.27	47.38	55.35	57.79	58.52	59.81	57.73
2	61.31	61.96	68.62	72.90	45.12	57.57	48.81	55.59	57.84	58.47	60.05	58.08
3	61.49	62.17	68.83	72.86	46.67	57.57	49.73	55.80	56.77	58.63	60.25	58.39
4	61.33	62.42	69.08	72.86	47.30	47.86	---	56.00	56.96	58.71	60.39	58.64
5	61.58	62.66	69.25	72.97	47.49	41.44	51.49	56.18	57.19	58.78	60.68	58.79
6	61.75	62.87	69.41	72.95	47.72	41.59	52.25	56.35	57.36	58.91	60.96	58.77
7	61.87	63.15	69.70	73.24	48.11	43.39	52.96	56.53	57.53	59.07	61.14	53.91
8	59.39	63.44	69.88	73.26	48.78	44.13	53.41	53.58	57.74	59.20	61.17	54.68
9	56.73	63.76	70.18	73.20	49.21	44.70	53.56	54.04	57.94	59.28	61.02	55.25
10	55.52	63.83	70.24	73.14	50.13	45.77	51.25	54.76	58.12	59.22	61.23	55.34
11	56.64	63.63	70.52	73.28	50.63	46.71	51.34	55.07	58.22	59.37	61.51	56.51
12	57.42	63.92	70.67	73.24	50.91	47.45	50.98	55.19	58.34	59.51	61.77	57.26
13	57.73	64.16	70.79	73.26	51.76	47.96	51.01	55.48	58.36	59.63	61.89	57.76
14	56.70	64.34	71.06	73.33	52.42	48.06	50.93	55.84	58.39	59.79	58.18	58.11
15	57.40	64.60	71.20	73.30	52.79	47.88	50.99	56.10	58.52	59.91	58.67	58.35
16	57.89	64.89	71.32	73.38	53.15	47.44	51.11	56.26	58.56	60.12	58.76	58.37
17	58.13	65.30	71.56	73.44	53.59	47.37	51.48	56.36	58.56	60.26	58.83	54.69
18	58.33	65.59	71.82	72.85	54.03	43.95	51.91	56.43	56.20	60.35	59.12	55.33
19	58.70	65.77	72.03	68.14	54.53	42.42	52.31	56.64	56.77	60.45	59.30	56.12
20	58.90	66.03	72.26	63.35	54.98	42.97	52.35	56.84	57.20	60.64	59.31	56.66
21	59.06	66.38	72.32	63.94	55.47	43.22	52.63	56.94	57.48	60.79	58.53	56.90
22	59.36	66.63	72.32	62.91	55.98	41.95	52.68	57.06	57.69	60.79	58.74	57.17
23	59.55	66.77	71.94	57.77	56.28	41.91	52.71	57.06	57.92	58.97	58.93	57.52
24	59.70	67.09	72.04	42.05	56.52	41.49	52.70	56.31	58.03	58.98	59.15	57.84
25	59.91	67.24	72.11	34.46	56.69	42.67	53.05	56.55	58.16	58.99	59.34	58.22
26	60.20	67.24	72.09	36.19	56.99	43.83	53.45	56.86	58.29	59.11	59.34	58.47
27	60.42	67.37	72.15	37.52	57.07	44.84	53.95	57.13	58.33	59.23	53.41	58.71
28	60.61	67.66	72.26	38.96	57.07	45.83	54.42	57.34	58.41	59.42	54.28	58.78
29	61.01	67.93	72.25	40.50	---	46.72	54.83	57.50	58.43	59.59	55.62	58.74
30	61.24	68.10	72.61	42.56	---	47.42	55.15	57.62	58.51	59.84	56.62	52.81
31	61.59	---	72.75	44.04	---	47.49	---	57.70	---	60.00	57.26	---
MEAN	59.44	64.96	71.02	62.86	52.02	46.16	52.10	56.21	57.85	59.50	59.20	57.13
MAX	61.87	68.10	72.75	73.44	57.07	57.57	55.15	57.70	58.56	60.79	61.89	58.79
MIN	55.52	61.82	68.44	34.46	45.10	41.44	47.38	53.58	56.20	58.47	53.41	52.81

WTR YR 1999: HIGHEST 41.44, MARCH 5; LOWEST 73.44, JANUARY 17.

