

CENTRE COUNTY

404518077575501. Local number, CE 118.

LOCATION.--Lat 40°45'18", long 77°57'55", Hydrologic Unit 02050302, at State Game Land No. 176, and near Fairbrook.

Owner: U.S. Geological Survey.

AQUIFER.--Gatesburg Formation, Late Cambrian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 130 ft, cased to 40 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder; electronic data logger with 60-minute recording interval since June 1999.

DATUM.--Elevation of land surface is 1,150 ft above sea level, from topographic map. Measuring point: Top of casing, 2.9 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since June 1999, are also available from the District Office.

PERIOD OF RECORD.--January 1968 to June 1981, July 1984 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, 45.95 ft below land-surface datum, Aug. 27-31, Sept. 1-4, 1998; lowest, 80.14 ft below land-surface datum, Mar. 26, 1970.

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	46.38	47.14	48.21	---	50.50	51.52	52.75	53.77	54.92	56.15	57.46	58.85
2	46.44	47.16	48.22	---	50.50	51.67	52.78	53.78	54.97	56.21	57.52	58.88
3	46.47	47.17	48.25	---	50.64	51.67	52.79	53.83	54.99	56.25	57.55	58.93
4	46.48	47.21	48.30	---	50.68	51.80	52.89	53.86	55.02	56.27	57.59	58.99
5	46.50	47.22	48.32	---	50.72	51.81	52.94	53.89	55.03	56.29	57.64	59.03
6	46.51	47.27	48.34	---	50.73	51.88	52.96	53.93	55.05	56.36	57.67	59.07
7	46.51	47.32	48.44	---	50.75	51.95	52.97	53.96	55.06	56.39	57.73	59.12
8	46.51	47.33	48.46	---	50.82	51.97	52.98	53.99	55.22	56.43	57.77	59.16
9	46.51	47.37	48.52	---	50.85	51.97	53.01	54.00	55.27	56.56	57.82	59.20
10	46.53	47.39	---	---	50.91	51.99	53.02	54.01	55.29	56.54	57.86	59.25
11	46.67	47.44	---	---	50.93	52.01	53.17	54.18	55.35	56.59	57.89	59.32
12	46.69	47.47	---	---	50.96	52.04	53.17	54.18	55.38	56.61	57.95	59.36
13	46.70	47.47	---	---	50.99	52.05	53.20	54.21	55.41	56.67	58.02	59.40
14	46.72	47.47	---	---	51.00	52.05	53.22	54.26	55.45	56.69	58.05	59.44
15	46.79	47.48	---	---	51.00	52.20	53.23	54.30	55.49	56.75	58.08	59.49
16	46.82	47.48	---	---	51.01	52.21	53.30	54.30	55.54	56.79	58.15	59.53
17	46.85	47.65	---	---	51.14	52.23	53.31	54.37	55.58	56.82	58.17	59.58
18	46.85	47.70	---	---	51.20	52.32	53.39	54.39	55.63	56.87	58.21	59.64
19	46.87	47.70	---	---	51.23	52.34	53.41	54.45	55.67	56.89	58.25	59.66
20	46.88	47.72	---	---	51.27	52.40	53.45	54.49	55.69	56.97	58.31	59.70
21	46.88	47.83	---	---	51.30	52.41	53.49	54.49	55.75	57.00	58.35	59.76
22	46.99	47.85	---	---	51.40	52.47	53.51	54.50	55.78	57.04	58.40	59.80
23	47.01	47.85	---	---	51.43	52.50	53.52	54.53	55.81	57.08	58.44	59.85
24	47.03	47.90	---	---	51.48	52.53	53.53	54.54	55.85	57.09	58.46	59.88
25	47.03	47.92	---	---	51.49	52.56	53.54	54.70	55.89	57.16	58.53	59.96
26	47.05	47.92	---	---	51.50	52.58	53.55	54.72	55.94	57.21	58.56	60.01
27	47.08	47.96	---	---	51.50	52.58	53.70	54.74	55.97	57.26	58.61	60.06
28	47.08	47.97	---	---	51.50	52.61	53.74	54.77	56.01	57.29	58.64	60.08
29	47.08	---	---	50.48	---	52.66	53.73	54.79	56.07	57.33	58.72	60.14
30	47.09	48.16	---	50.49	---	52.71	53.75	54.85	56.11	57.37	58.78	60.18
31	47.12	---	---	50.50	---	52.72	---	54.88	---	57.45	58.81	---
MEAN	46.78	47.57	48.34	50.49	51.05	52.21	53.27	54.31	55.51	56.79	58.13	59.51
MAX	47.12	48.16	48.52	50.50	51.50	52.72	53.75	54.88	56.11	57.45	58.81	60.18
MIN	46.38	47.14	48.21	50.48	50.50	51.52	52.75	53.77	54.92	56.15	57.46	58.85

WTR YR 1999: HIGHEST 46.38, OCTOBER 1; LOWEST 60.18, SEPTEMBER 30.

