

FRANKLIN COUNTY

394731077411701. Local number, FR 332.

LOCATION.--Lat 39°47'31", long 77°41'17", Hydrologic Unit 02070004, near Greencastle.

Owner: Borough of Greencastle.

AQUIFER.--Stonehenge Formation, Early Ordovician age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 8 in., depth 296 ft, cased to 92 ft, open hole.

INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land surface is 730 ft above sea level, from topographic map. Measuring point: Top of casing, 1.2 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1994, are also available from the District Office.

PERIOD OF RECORD.--March 1975 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, 12.30 ft below land-surface datum, Sept. 27, 1975; lowest, 36.68 ft below land-surface datum, Sept. 6, 1976.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.48	21.74	26.01	23.37	24.18	16.79	15.82	16.35	16.65	16.85	21.17	20.62
2	18.66	21.90	26.40	23.21	24.03	16.81	15.87	16.53	16.69	16.89	21.12	20.84
3	19.15	21.12	26.32	23.19	23.51	16.89	15.95	16.59	16.76	17.12	20.99	21.04
4	19.15	21.44	26.41	23.27	22.44	17.01	15.95	16.63	16.79	17.12	20.98	21.23
5	18.95	22.50	26.82	23.69	22.17	17.09	16.01	16.65	16.83	17.16	21.17	21.36
6	19.54	23.34	26.94	23.95	22.10	17.21	16.09	16.65	16.82	17.19	21.17	21.39
7	19.90	23.91	26.64	24.03	21.89	17.27	16.13	16.70	16.62	17.25	19.95	21.38
8	19.90	24.09	27.34	24.14	22.52	17.37	16.19	16.77	16.76	17.40	20.07	21.53
9	19.95	24.13	27.44	24.18	23.19	17.43	16.12	16.84	16.84	17.49	20.19	21.59
10	19.75	23.57	27.54	24.20	23.69	17.55	16.15	16.92	16.86	17.49	20.18	21.72
11	17.68	23.71	26.77	23.56	23.73	17.55	16.23	16.96	16.87	17.49	20.64	21.74
12	17.68	23.99	26.48	23.48	22.68	17.34	16.31	17.05	16.88	17.51	21.43	21.63
13	18.52	24.06	27.05	23.64	21.11	16.61	16.41	17.25	16.85	17.63	21.10	20.89
14	18.58	25.01	26.82	24.08	21.09	16.54	16.37	17.11	16.83	17.75	21.10	21.08
15	18.82	25.50	21.86	24.60	18.53	16.51	16.41	17.09	16.83	17.41	20.37	21.07
16	19.24	26.25	21.59	24.60	18.95	16.53	16.43	17.11	16.89	17.67	20.43	21.35
17	19.34	27.09	21.79	24.57	19.13	16.53	16.43	17.13	16.98	18.12	20.54	21.48
18	19.37	27.32	22.17	24.57	19.23	16.65	16.41	17.13	16.97	18.13	20.54	21.54
19	19.49	27.70	22.17	24.75	19.07	16.67	---	17.14	17.06	18.43	20.50	21.59
20	19.33	27.90	22.07	23.77	17.63	16.71	---	17.06	17.10	18.67	20.18	21.26
21	19.11	28.02	22.12	23.27	17.27	16.71	16.39	17.02	17.10	19.00	20.56	21.44
22	19.05	28.02	22.34	23.17	17.05	15.66	16.29	---	16.77	19.77	20.87	21.54
23	19.27	28.09	22.68	21.48	16.77	14.95	16.17	---	17.01	20.35	21.00	21.71
24	19.37	27.89	22.94	19.40	16.63	15.02	16.06	16.72	16.71	20.42	21.02	21.91
25	19.39	27.69	22.96	21.70	16.57	15.18	16.16	16.64	17.38	20.54	21.09	22.02
26	19.61	27.17	23.02	23.27	16.69	15.28	16.22	16.81	---	20.75	20.87	21.38
27	20.06	24.90	23.36	24.34	16.79	15.45	16.27	16.85	16.67	20.98	20.90	19.89
28	20.47	24.58	23.40	24.52	16.79	15.53	16.28	16.84	16.66	21.24	19.71	20.91
29	20.56	25.37	23.16	24.68	16.73	15.65	16.29	16.64	16.71	20.80	19.73	21.29
30	20.72	25.79	23.41	24.47	---	15.78	16.31	16.61	16.80	20.91	20.32	21.53
31	21.28	---	23.43	24.16	---	15.78	---	16.57	---	21.13	20.62	---
MEAN	19.37	25.13	24.50	23.66	20.07	16.45	16.20	16.84	16.85	18.60	20.66	21.33
MAX	21.28	28.09	27.54	24.75	24.18	17.55	16.43	17.25	17.38	21.24	21.43	22.02
MIN	17.68	21.12	21.59	19.40	16.57	14.95	15.82	16.35	16.62	16.85	19.71	19.89

WTR YR 2000: HIGHEST 14.95, MARCH 23; LOWEST 28.09, NOVEMBER 23.

