

WESTMORELAND COUNTY

402138079031802. Local number, WE 300.

LOCATION.--Lat 40°21'38", long 79°03'18", Hydrologic Unit 05010007, at State Game Land Number 42.

Owner: U.S. Geological Survey.

AQUIFER.--Shale of Clarion Formation of Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 110 ft, cased to 22 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder.

DATUM.--Elevation of land-surface datum is 1,270 ft above sea level, from topographic map. Measuring point: Top of plywood cover, 3.05 ft above land-surface datum.

PERIOD OF RECORD.--February 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 13.46 ft below land-surface datum, May 20, 1996; lowest, 29.22 ft below land-surface datum, July 3, 1968.

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	18.56	18.60	18.36	17.41	17.50	16.05	14.94	13.84	14.32	15.02	16.70	16.19
2	18.58	18.55	18.29	17.38	17.59	15.93	14.70	14.08	14.24	15.06	16.66	16.20
3	18.60	18.55	18.22	17.39	17.53	15.93	14.51	14.11	14.32	15.11	16.63	16.22
4	18.56	18.59	18.17	17.37	17.56	15.77	14.44	14.12	14.31	15.16	16.64	16.44
5	18.58	18.59	18.14	17.49	17.66	15.75	14.48	14.15	14.28	15.26	16.62	16.50
6	18.56	18.56	18.07	17.47	17.75	16.02	14.36	14.18	14.52	15.41	16.53	16.55
7	18.58	18.55	18.09	17.37	17.78	16.02	14.40	14.16	14.61	15.58	16.41	16.54
8	18.58	18.52	18.08	17.36	17.81	15.81	14.22	14.13	14.59	15.64	16.20	16.52
9	18.57	18.49	18.06	17.22	17.74	15.62	14.36	14.11	14.58	15.50	15.98	16.55
10	18.57	18.46	18.00	17.09	17.70	15.93	14.48	14.44	14.63	15.66	15.85	16.60
11	18.57	18.49	17.99	17.29	17.84	15.93	14.48	14.53	14.72	15.75	15.79	16.62
12	18.58	18.49	17.96	17.31	17.82	15.95	14.44	14.56	14.76	15.89	15.70	16.62
13	18.57	18.46	17.89	17.39	17.72	16.02	14.43	14.93	14.78	15.89	15.66	16.80
14	18.54	18.44	17.84	17.39	17.70	15.93	14.16	15.11	14.84	15.90	15.73	16.87
15	18.54	18.43	17.78	17.37	17.72	15.77	13.96	15.16	14.87	15.95	15.76	16.55
16	18.54	18.42	17.69	17.28	17.59	15.60	13.83	15.20	14.92	16.10	15.80	16.61
17	18.52	18.46	17.69	17.29	17.68	15.83	13.83	15.15	15.08	16.20	15.82	16.60
18	18.54	18.49	17.63	17.16	17.47	15.80	13.78	15.20	15.10	16.24	15.87	16.51
19	18.56	18.50	17.55	17.09	17.06	15.54	13.81	15.21	15.10	16.25	15.96	16.48
20	18.56	18.48	17.44	17.12	17.05	15.31	13.75	15.31	15.07	16.26	16.02	16.32
21	18.55	18.49	17.43	17.21	17.06	15.26	13.41	15.29	14.79	16.34	16.08	16.44
22	18.50	18.51	17.41	17.25	16.93	15.19	13.43	15.16	14.62	16.44	16.09	16.46
23	18.49	18.52	17.33	17.20	16.73	15.02	13.46	15.04	14.66	16.47	16.05	16.32
24	18.58	18.52	17.34	17.28	16.61	14.79	13.49	14.84	14.66	16.50	16.11	16.36
25	18.59	18.52	17.34	17.16	16.34	14.52	13.44	14.88	14.54	16.54	16.14	16.36
26	18.58	18.50	17.15	17.35	16.34	14.38	13.50	14.94	14.55	16.60	16.11	16.40
27	18.62	18.45	17.20	17.46	16.21	14.29	13.49	14.81	14.70	16.60	16.10	16.38
28	18.62	18.44	17.18	17.55	16.26	14.34	13.56	14.70	14.71	16.60	16.18	16.30
29	18.62	18.42	17.26	17.54	16.29	14.70	13.77	14.63	14.67	16.66	16.19	16.32
30	18.62	18.41	17.30	17.46	---	14.81	13.88	14.67	14.93	16.69	16.19	16.20
31	18.61	---	17.40	17.39	---	14.93	---	14.50	---	16.70	16.19	---
MEAN	18.57	18.50	17.72	17.33	17.28	15.44	14.03	14.68	14.68	16.00	16.12	16.46
MAX	18.62	18.60	18.36	17.55	17.84	16.05	14.94	15.31	15.10	16.70	16.70	16.87
MIN	18.49	18.41	17.15	17.09	16.21	14.29	13.41	13.84	14.24	15.02	15.66	16.19

WTR YR 2000: HIGHEST 13.41, APRIL 21; LOWEST 18.62, OCTOBER 27-30.

