Water-Data Report 2007

422323076190301 Local number Tm-1968, nr Slaterville Springs, NY

Sand and gravel aquifers (glaciated regions)
Ice-contact Deposits

Tompkins County, NY

LOCATION.--Lat 42°23'22.8", long 76°19'03.0" referenced to North American Datum of 1983, Tompkins County, NY, Hydrologic Unit 04140201.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 58 ft. Upper casing diameter 6 in, top of first opening 55 ft, bottom of last opening 58 ft. Cased to 58 ft (screen, 55 ft to 58 ft). Elevation of land-surface datum 1,272 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--January 2005 to current year.

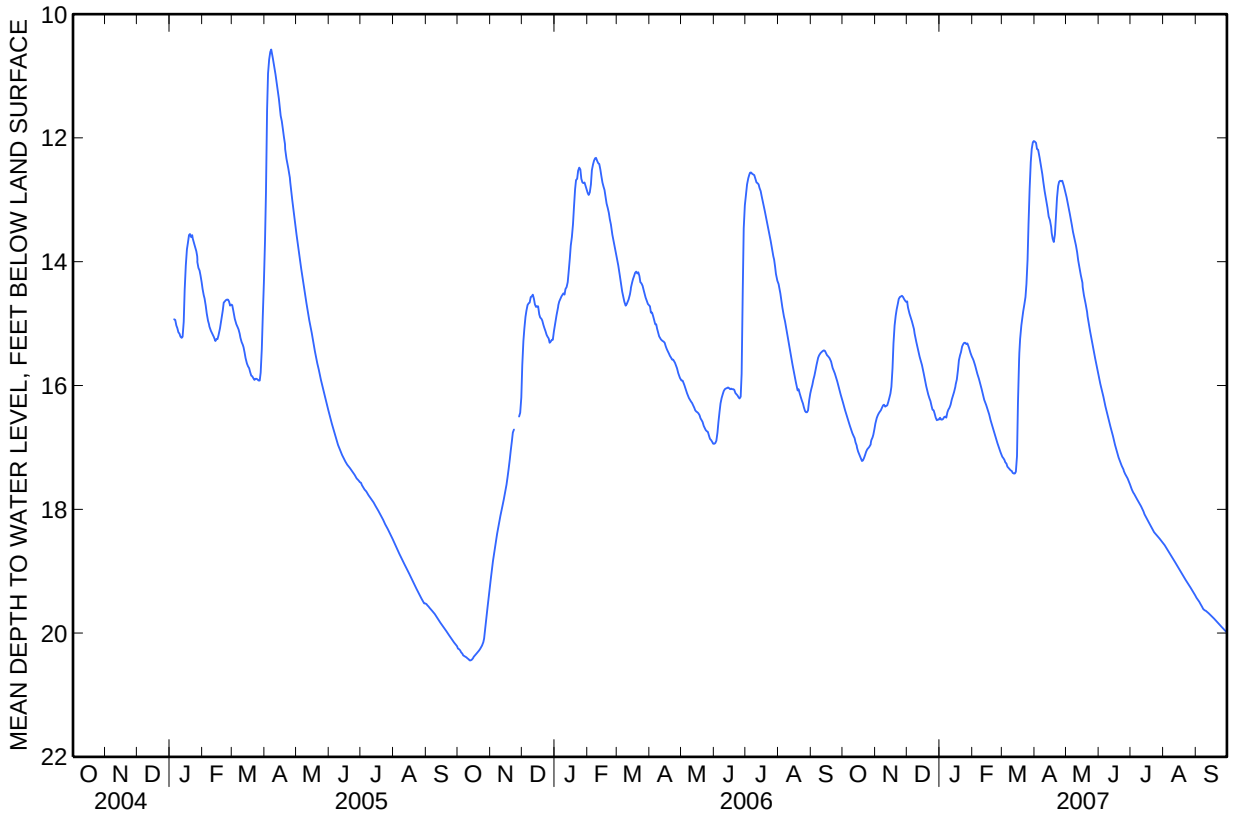
GAGE.--Water-stage recorder--hourly; periodic measurements by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.55 ft below land-surface datum, Apr. 7, 2005; lowest, 20.45 ft below land-surface datum, Oct. 13, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 12.04 ft below land surface datum, Mar. 30, 31; lowest water level, 19.99 ft below land surface datum, Sept. 30.

422323076190301 Local number Tm-1968, nr Slaterville Springs, NY—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16.27	16.60	14.64	16.52	15.56	17.15	12.06	12.96	15.89	17.64	18.56	19.42
2	16.34	16.53	14.76	16.55	15.59	17.17	12.08	13.03	15.97	17.68	18.58	19.45
3	16.40	16.48	14.84	16.55	15.66	17.20	12.18	13.14	16.04	17.72	18.60	19.47
4	16.44	16.45	14.88	16.54	15.72	17.24	12.19	13.22	16.10	17.75	18.63	19.50
5	16.51	16.42	14.94	16.51	15.78	17.26	12.28	13.29	16.18	17.78	18.66	19.53
6	16.57	16.40	15.00	16.50	15.84	17.31	12.37	13.41	16.27	17.81	18.69	19.56
7	16.62	16.36	15.07	16.52	15.89	17.33	12.46	13.51	16.35	17.84	18.72	19.59
8	16.67	16.32	15.16	16.43	15.96	17.35	12.59	13.58	16.41	17.87	18.74	19.62
9	16.72	16.31	15.25	16.39	16.03	17.37	12.72	13.66	16.48	17.90	18.78	19.63
10	16.77	16.34	15.32	16.36	16.09	17.38	12.83	13.75	16.55	17.93	18.80	19.64
11	16.81	16.33	15.42	16.31	16.16	17.41	12.95	13.85	16.62	17.96	18.83	19.65
12	16.85	16.32	15.50	16.24	16.23	17.42	13.01	13.96	16.69	18.00	18.85	19.67
13	16.92	16.26	15.54	16.18	16.29	17.42	13.15	14.08	16.76	18.04	18.89	19.69
14	16.97	16.20	15.60	16.13	16.32	17.39	13.27	14.18	16.82	18.08	18.91	19.70
15	17.04	16.13	15.67	16.06	16.37	17.14	13.33	14.24	16.89	18.11	18.94	19.72
16	17.10	16.02	15.77	15.98	16.43	16.28	13.38	14.34	16.95	18.15	18.97	19.73
17	17.13	15.72	15.84	15.90	16.49	15.59	13.54	14.49	17.02	18.18	19.00	19.75
18	17.18	15.32	15.92	15.75	16.56	15.25	13.64	14.59	17.08	18.21	19.03	19.77
19	17.22	15.03	16.01	15.59	16.63	15.04	13.68	14.67	17.15	18.24	19.06	19.78
20	17.21	14.87	16.09	15.51	16.67	14.91	13.56	14.76	17.20	18.27	19.09	19.80
21	17.17	14.77	16.15	15.46	16.74	14.81	13.25	14.88	17.25	18.31	19.11	19.82
22	17.12	14.68	16.21	15.37	16.78	14.69	12.97	14.99	17.27	18.34	19.14	19.84
23	17.07	14.60	16.25	15.33	16.85	14.57	12.78	15.09	17.31	18.37	19.17	19.86
24	17.03	14.57	16.33	15.31	16.91	14.36	12.71	15.19	17.36	18.39	19.19	19.88
25	17.01	14.56	16.39	15.31	16.96	13.97	12.69	15.27	17.41	18.41	19.22	19.90
26	16.99	14.55	16.40	15.33	17.00	13.39	12.70	15.36	17.44	18.43	19.25	19.92
27	16.96	14.57	16.46	15.32	17.06	12.82	12.69	15.45	17.47	18.45	19.28	19.94
28	16.88	14.60	16.52	15.36	17.11	12.39	12.75	15.54	17.51	18.47	19.31	19.95
29	16.84	14.63	16.56	15.43	---	12.18	12.82	15.64	17.55	18.49	19.33	19.97
30	16.78	14.65	16.55	15.47	---	12.07	12.87	15.73	17.59	18.51	19.36	19.99
31	16.69	---	16.55	15.52	---	12.05	---	15.81	---	18.53	19.39	---
Mean	16.85	15.62	15.73	15.93	16.35	15.61	12.85	14.38	16.85	18.12	18.97	19.72
Max	17.22	16.60	16.56	16.55	17.11	17.42	13.68	15.81	17.59	18.53	19.39	19.99
Min	16.27	14.55	14.64	15.31	15.56	12.05	12.06	12.96	15.89	17.64	18.56	19.42

422323076190301 Local number Tm-1968, nr Slaterville Springs, NY—Continued