Water-Data Report 2007

421138075511301 Local number Bm-128, Kattelville NY

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

Broome County, NY

LOCATION.--Lat 42°11′38″, long 75°51′13″ referenced to North American Datum of 1927, Broome County, NY, Hydrologic Unit 02050102, at end of Jeffery Drive on Chenango Forks School District property at Kattelville.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 53 ft. Upper casing diameter 6 in, top of first opening 48.5 ft, bottom of last opening 52.9 ft. Cased to 53 ft (screen, 48.5 ft to 50.9 ft). Elevation of land-surface datum is 908.58 ft above NGVD of 1929.

PERIOD OF RECORD.--September 1980 to August 1995 and October 2002 to current year. Records for September 1980 to February 1982 are unpublished and are available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder--15 minute; periodic measurements by USGS personnel.

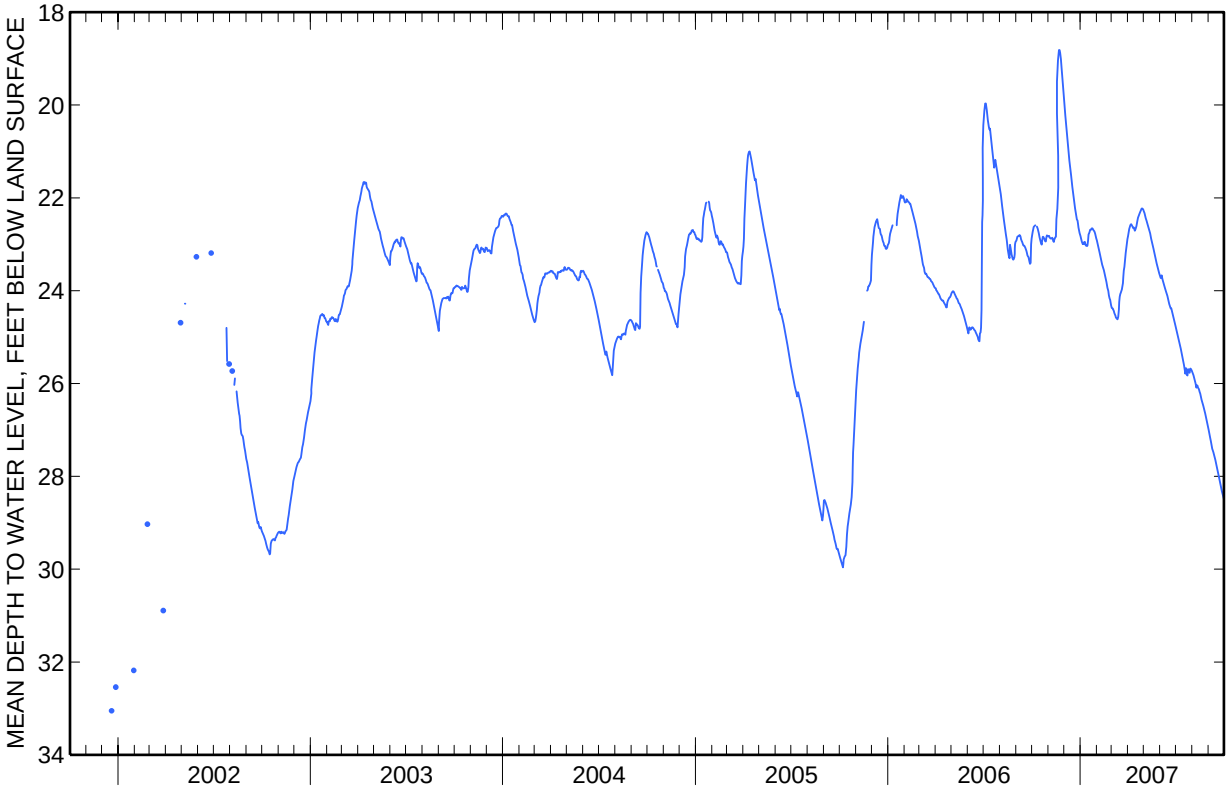
REMARKS.--Water level may be affected by pumping in nearby village and school wells. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 18.81 ft below land-surface datum, Nov. 21, 22, 2006; lowest measured, 33.05 ft below land-surface datum, Dec. 19, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 18.81 ft below land surface datum, Nov. 21, 22; lowest water level, 28.51 ft below land surface datum, Sept. 30.

421138075511301 Local number Bm-128, Kattelville 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	22.79	22.83	19.92	22.83	22.92	24.37	22.82	22.29	23.68	24.80	25.75	27.00
2	22.73	22.82	20.10	22.89	22.96	24.38	22.74	22.32	23.73	24.85	25.78	27.05
3	22.68	22.85	20.24	22.93	23.02	24.38	22.70	22.37	23.71	24.91	25.82	27.11
4	22.63	22.87	20.36	22.97	23.07	24.41	22.64	22.41	23.67	24.95	25.85	27.17
5	22.61	22.88	20.50	23.00	23.13	24.44	22.60	22.44	23.73	24.98	25.89	27.23
6	22.60	22.88	20.62	22.97	23.19	24.48	22.58	22.49	23.79	25.03	25.94	27.29
7	22.59	22.88	20.74	23.00	23.24	24.51	22.57	22.53	23.83	25.08	25.99	27.35
8	---	22.86	20.88	22.95	23.29	24.54	22.59	22.57	23.86	25.14	26.04	27.42
9	---	22.88	21.00	22.95	23.34	24.58	22.61	22.61	23.90	25.18	26.09	27.44
10	22.62	22.93	21.12	23.00	23.39	24.59	22.63	22.65	23.94	25.23	26.04	27.48
11	22.65	22.95	21.23	23.03	23.44	24.61	22.66	22.67	23.98	25.29	26.05	27.52
12	22.68	22.90	21.34	23.03	23.48	24.62	22.64	22.72	24.02	25.35	26.09	27.56
13	22.74	22.88	21.43	23.04	23.54	24.59	22.67	22.78	24.05	25.41	26.11	27.61
14	22.79	22.85	21.52	23.03	23.55	24.50	22.71	22.84	24.09	25.48	26.14	27.66
15	22.85	22.84	21.61	22.92	23.60	24.32	22.69	22.88	24.13	25.54	26.18	27.71
16	22.91	22.46	21.73	22.79	23.64	24.16	22.63	22.93	24.18	25.61	26.22	27.77
17	22.94	20.03	21.83	22.77	23.69	24.08	22.62	22.99	24.22	25.67	26.26	27.82
18	22.97	19.27	21.93	22.74	23.76	24.05	22.56	23.04	24.28	25.74	26.31	27.87
19	23.01	19.00	22.03	22.69	23.83	24.01	22.47	23.07	24.32	25.79	26.36	27.93
20	22.92	18.86	22.12	22.69	23.88	23.98	22.43	23.12	24.34	25.67	26.41	27.98
21	22.84	18.82	22.20	22.69	23.94	23.94	22.40	23.18	24.38	25.74	26.45	28.03
22	22.84	18.82	22.28	22.66	23.99	23.86	22.37	23.24	24.38	25.81	26.48	28.09
23	22.86	18.85	22.31	22.66	24.05	23.70	22.33	23.30	24.43	25.83	26.52	28.14
24	22.88	18.96	22.40	22.67	24.12	23.59	22.31	23.35	24.48	25.69	26.57	28.20
25	22.92	19.09	22.47	22.69	24.16	23.49	22.29	23.40	24.53	25.72	26.62	28.25
26	22.94	19.22	22.49	22.71	24.20	23.38	22.26	23.45	24.59	25.76	26.67	28.31
27	22.94	19.36	22.56	22.72	24.26	23.24	22.23	23.50	24.63	25.77	26.73	28.36
28	22.84	19.51	22.64	22.75	24.32	23.15	22.23	23.51	24.64	25.68	26.78	28.40
29	22.81	19.66	22.71	22.80	---	23.07	22.24	23.57	24.70	25.68	26.83	28.44
30	22.83	19.80	22.76	22.84	---	22.98	22.26	23.62	24.75	25.70	26.88	28.49
31	22.82	---	22.80	22.89	---	22.89	---	23.67	---	25.72	26.94	---
Mean	---	21.16	21.61	22.85	23.61	24.03	22.52	22.95	24.17	25.45	26.28	27.76
Max	---	22.95	22.80	23.04	24.32	24.62	22.82	23.67	24.75	25.83	26.94	28.49
Min	---	18.82	19.92	22.66	22.92	22.89	22.23	22.29	23.67	24.80	25.75	27.00

421138075511301 Local number Bm-128, Kattelville NY—Continued