Water-Data Report 2010

414429074052001 Local number U-1620, SUNY, at New Paltz NY

New York clastic-rock aquifers
Normanskill Formation

Ulster County, NY

LOCATION.--Lat 41°44'29.6", long 74°05'20.0" referenced to North American Datum of 1983, Ulster County, NY, Hydrologic Unit 02020007, at SUNY New Paltz.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 218 ft. Upper casing diameter 6.0 in; top of first opening 38.5 ft, bottom of last opening 204 ft. Cased to 38.5 ft, open hole. Elevation of land-surface datum is 297.84 ft above NGVD of 1929.

PERIOD OF RECORD.--December 2004 to current year.

GAGE.--Water-stage recorder--hourly.

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 23.32 ft below land-surface datum, Jan. 14, 2005; lowest water level, 31.11 ft below land-surface datum, Sept. 13, 14, 15, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 23.60 ft below land-surface datum, Mar. 30, but may have been higher Mar. 14-15; lowest water level, 29.23 ft below land-surface datum, Sept. 27.

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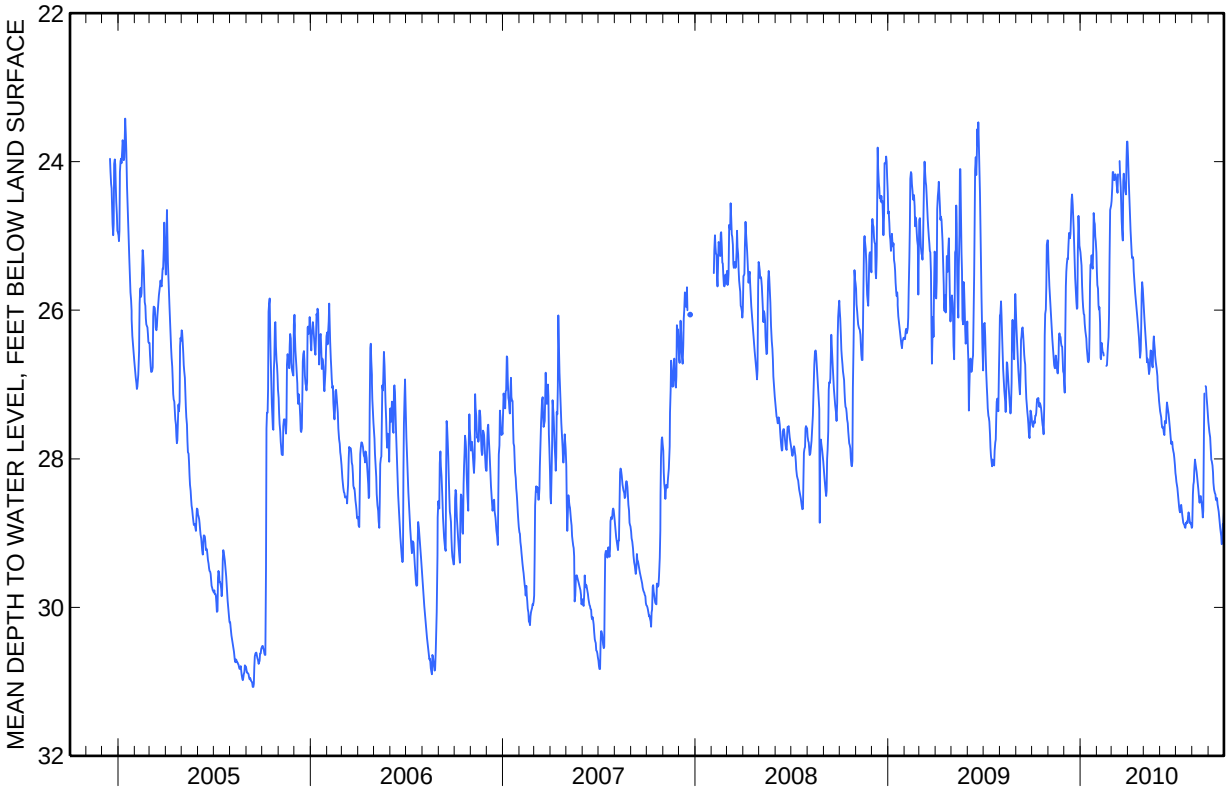
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27.51	25.32	27.01	25.24	25.48	24.53	23.95	25.95	27.34	28.24	28.91	27.56
2	27.55	25.51	27.11	25.30	25.66	24.35	24.17	26.09	27.40	28.31	28.48	27.61
3	27.57	25.64	26.41	25.42	25.71	24.14	24.37	26.19	27.44	28.36	28.35	27.64
4	27.52	25.88	25.68	25.66	25.93	24.14	24.60	26.34	27.53	28.41	28.31	27.71
5	27.49	25.96	25.48	25.85	25.99	24.22	24.79	26.48	27.58	28.49	28.15	27.88
6	27.52	26.12	25.38	25.96	25.96	24.25	24.95	26.55	27.57	28.57	28.01	28.01
7	27.42	26.23	25.30	26.05	26.17	24.20	25.07	26.70	27.59	28.65	28.06	28.04
8	27.42	26.30	25.31	26.06	26.64	24.17	25.25	26.65	27.66	28.70	28.11	28.06
9	27.38	26.44	25.14	26.18	26.66	24.20	25.30	26.70	27.68	28.72	28.17	28.17
10	27.23	26.53	24.96	26.28	26.44	24.26	25.28	26.78	27.49	28.65	28.22	28.28
11	27.19	26.67	24.96	26.33	26.50	24.34	25.32	26.86	27.50	28.62	28.29	28.38
12	27.21	26.74	25.03	26.38	26.56	24.42	25.48	26.80	27.52	28.68	28.36	28.45
13	27.18	26.78	24.97	26.51	26.57	24.17	25.63	26.65	27.36	28.76	28.46	28.47
14	27.27	26.78	24.70	26.61	26.61	---	25.74	26.54	27.24	28.81	28.54	28.48
15	27.30	26.61	24.51	26.69	---	---	25.80	26.55	27.30	28.86	28.59	28.55
16	27.25	26.65	24.44	26.70	---	23.99	25.87	26.66	27.35	28.88	28.51	28.56
17	27.28	26.77	24.58	26.67	---	24.19	25.92	26.75	27.37	28.89	28.50	28.53
18	27.32	26.84	24.76	26.32	---	24.34	26.03	26.77	27.49	28.92	28.56	28.61
19	27.38	26.85	24.88	25.67	26.75	24.56	26.15	26.44	27.55	28.93	28.60	28.64
20	27.48	26.67	25.14	25.39	26.74	24.80	26.23	26.35	27.60	28.86	28.69	28.70
21	27.56	26.36	25.38	25.37	26.61	24.98	26.29	26.45	27.71	28.87	28.79	28.79
22	27.58	26.31	25.58	25.26	26.49	25.06	26.38	26.55	27.80	28.84	28.70	28.84
23	27.67	26.35	25.75	25.40	26.36	24.26	26.52	26.64	27.77	28.86	27.67	28.94
24	27.29	26.36	25.89	25.44	26.05	24.16	26.64	26.73	27.77	28.77	27.12	28.97
25	26.34	26.44	25.98	25.16	25.35	24.31	26.54	26.76	27.85	28.72	---	29.04
26	26.05	26.48	25.97	24.69	24.65	24.32	26.24	26.82	27.90	28.75	27.02	29.15
27	25.99	26.49	25.20	24.81	24.62	24.40	25.78	26.94	27.93	28.83	27.03	29.14
28	25.67	26.64	24.73	24.84	24.59	24.44	25.62	27.06	27.99	28.87	27.15	28.88
29	25.12	26.82	24.91	25.01	---	23.99	25.71	27.13	28.09	28.86	27.24	28.89
30	25.06	26.85	25.13	25.07	---	23.73	25.83	27.22	28.19	28.89	27.36	28.72
31	25.06	---	25.16	25.22	---	23.73	---	27.32	---	28.93	27.46	---
Mean	27.00	26.41	25.34	25.73	---	---	25.58	26.66	27.62	28.73	---	28.46
Max	27.67	26.85	27.11	26.70	---	---	26.64	27.32	28.19	28.93	---	29.15
Min	25.06	25.32	24.44	24.69	---	---	23.95	25.95	27.24	28.24	---	27.56

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