Water-Data Report 2010

421512077472801 Local number Ag-261, at Alfred NY

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

Allegany County, NY

LOCATION.--Lat 42°15′12″, long 77°47′28″ referenced to North American Datum of 1983, Allegany County, NY, Hydrologic Unit 02050104, behind Crandall Hall, Alfred University, Alfred, N.Y.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 2 in; top of first opening 9.5 ft, bottom of last opening 19.5 ft. Cased to 20 ft (screen, 9.5 ft to 19.5 ft). Elevation of land-surface datum is 1,780 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--November 2002 to current year.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.31 ft below land-surface datum, April 2, 2005; lowest water level, 7.43 ft below land-surface datum, Aug. 29, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 2.64 ft below land-surface datum, Mar. 14; lowest water level, 7.07 ft below land-surface datum, Aug. 21.

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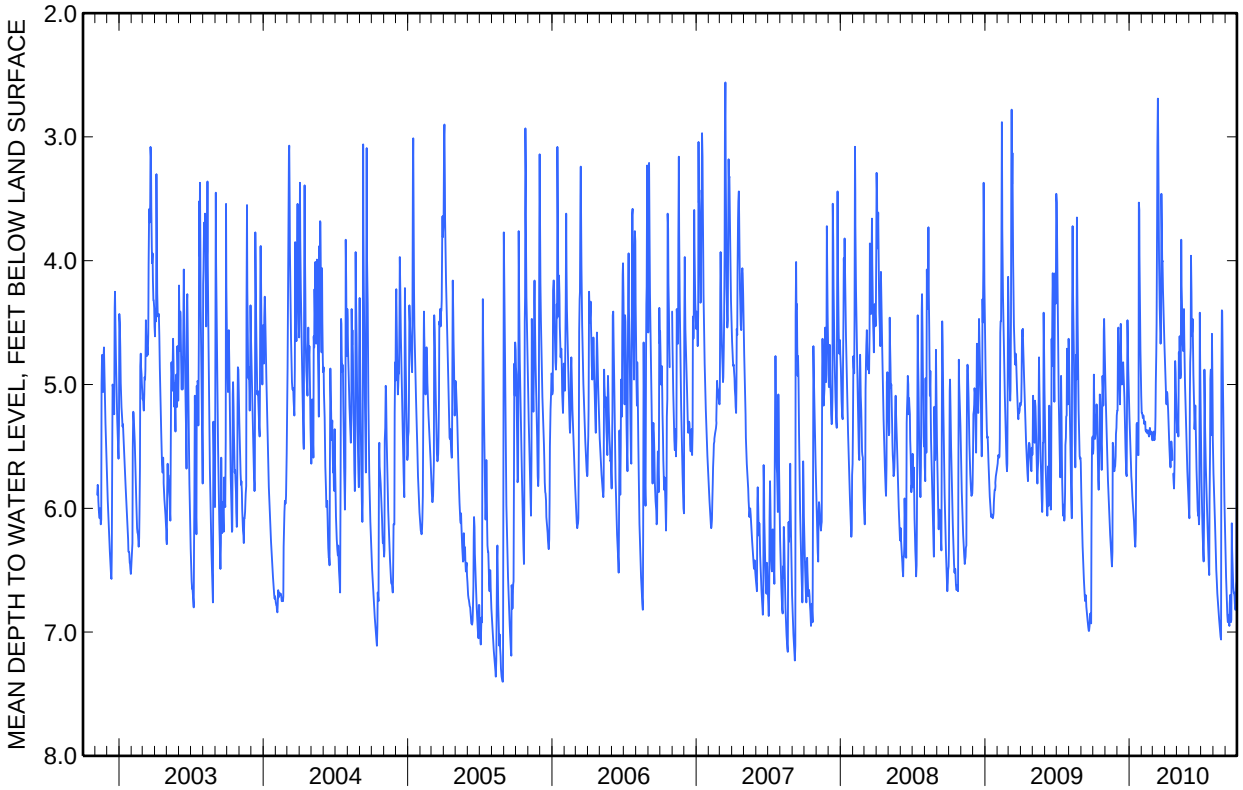
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.56	4.97	5.21	5.24	5.23	5.45	4.82	5.29	6.05	5.42	5.59	6.33
2	5.52	5.12	5.21	5.35	5.23	5.40	4.91	5.39	6.08	5.65	5.69	6.46
3	4.92	5.26	4.56	5.45	5.25	5.38	5.00	5.34	5.08	5.83	5.87	6.56
4	5.10	5.38	4.54	5.56	5.27	5.41	5.12	5.31	4.82	6.01	5.97	6.67
5	5.30	5.48	4.69	5.65	5.25	5.45	5.16	5.42	4.70	6.16	6.04	6.78
6	5.44	5.56	4.88	5.74	5.26	5.44	5.06	4.74	3.96	6.28	6.12	6.86
7	5.40	5.63	5.01	5.80	5.30	5.39	5.07	4.83	4.25	6.38	6.27	6.92
8	5.25	5.79	5.16	5.85	5.32	5.26	5.16	4.61	4.61	6.43	6.40	6.92
9	5.34	5.90	4.97	5.93	5.30	4.99	5.19	4.74	4.57	6.03	6.50	6.86
10	5.16	5.99	4.51	5.98	5.30	4.75	5.29	4.95	4.47	4.88	6.58	6.92
11	5.24	6.07	4.74	6.03	5.37	4.51	5.39	4.92	4.72	5.19	6.65	6.95
12	5.41	6.13	4.95	6.08	5.38	3.73	5.48	3.83	4.92	5.44	6.71	6.77
13	5.60	6.20	5.00	6.12	5.37	3.08	5.56	4.20	5.09	5.67	6.76	6.70
14	5.77	6.26	4.91	6.21	5.39	2.69	5.63	4.31	5.19	5.70	6.81	6.81
15	5.85	6.32	4.85	6.29	5.39	2.98	5.67	4.50	5.36	5.83	6.86	6.92
16	5.69	6.38	4.82	6.31	5.37	3.58	5.62	4.67	5.28	5.95	6.89	6.90
17	5.41	6.43	4.90	6.20	5.37	3.97	5.46	4.73	5.17	6.07	6.93	6.12
18	5.08	6.47	4.99	5.69	5.40	4.22	5.50	4.70	5.37	6.18	6.97	6.33
19	5.11	6.35	5.08	5.32	5.41	4.42	5.54	4.39	5.54	6.28	7.01	6.46
20	5.27	5.47	5.23	5.31	5.42	4.58	5.61	4.64	5.68	6.38	7.04	6.55
21	5.44	5.50	5.36	5.37	5.39	4.67	---	4.85	5.80	6.46	7.06	6.63
22	5.57	5.61	5.49	5.45	5.35	4.55	5.72	5.03	5.91	6.54	4.93	6.68
23	5.69	5.69	5.61	5.57	5.39	3.46	5.80	5.17	6.02	5.94	4.40	6.68
24	5.20	5.70	5.72	5.57	5.40	3.75	5.84	5.31	6.06	5.55	4.41	6.71
25	4.93	5.67	5.74	3.53	5.38	4.01	5.64	5.43	6.04	4.96	4.73	6.77
26	5.04	5.66	5.18	3.59	5.39	4.00	5.25	5.52	6.13	4.88	5.05	6.82
27	5.17	5.58	4.48	4.13	5.43	4.24	4.81	5.62	6.04	5.21	5.35	6.82
28	4.56	5.40	4.62	4.47	5.45	4.39	4.91	5.72	4.42	5.41	5.63	6.62
29	4.47	5.35	4.88	4.75	---	4.46	5.06	5.81	4.78	4.59	5.86	6.59
30	4.68	5.25	5.02	4.92	---	4.57	5.18	5.90	5.11	4.96	6.05	5.29
31	4.82	---	5.13	5.09	---	4.71	---	5.99	---	5.31	6.20	---
Mean	5.26	5.75	5.01	5.44	5.35	4.44	---	5.03	5.24	5.73	6.11	6.65
Max	5.85	6.47	5.74	6.31	5.45	5.45	---	5.99	6.13	6.54	7.06	6.95
Min	4.47	4.97	4.48	3.53	5.23	2.69	---	3.83	3.96	4.59	4.40	5.29

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