Water-Data Report 2006

432832074122201 Local number H-3, near Griffin NY

Sand and gravel aquifers (glaciated regions)
Outwash

Hamilton County, NY

LOCATION.--Lat 43°28′32″, long 74°12′22″ referenced to North American Datum of 1927, Hamilton County, NY, Hydrologic Unit 02020002, near Griffin.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 16.7 ft. Upper casing diameter 2.5 in; top of first opening 16 ft, bottom of last opening 19 ft. Depth filled in from original depth of 19 ft. Well cased to 16 ft, 1.25-in. well point (60-gauze screen, 16 ft to 19 ft, damaged during well installation). Elevation of land-surface datum is 1290 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--November 1965 to August 1995, March 2002 to current year. Records prior to October 1976 are unpublished and available in files of the Geological Survey.

GAGE.--Water-stage recorder--hourly. June 2003 to April 2004, data collected on a 15-minute interval. Prior to June 2002, tape measurements by USGS personnel.

REMARKS.--Well casing believed to have settled about 0.75 ft shortly after installation. All published records prior to 1985 water year should be adjusted accordingly. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.38 ft below land-surface datum, June 6, 1980; lowest water level, 16.19 ft below land-surface datum, Oct. 21, 1969.

EXTREMES FOR CURRENT YEAR.--Highest water level, 8.94 ft below land-surface datum, June 30; lowest water level, 14.07 ft below land-surface datum, Oct. 1.

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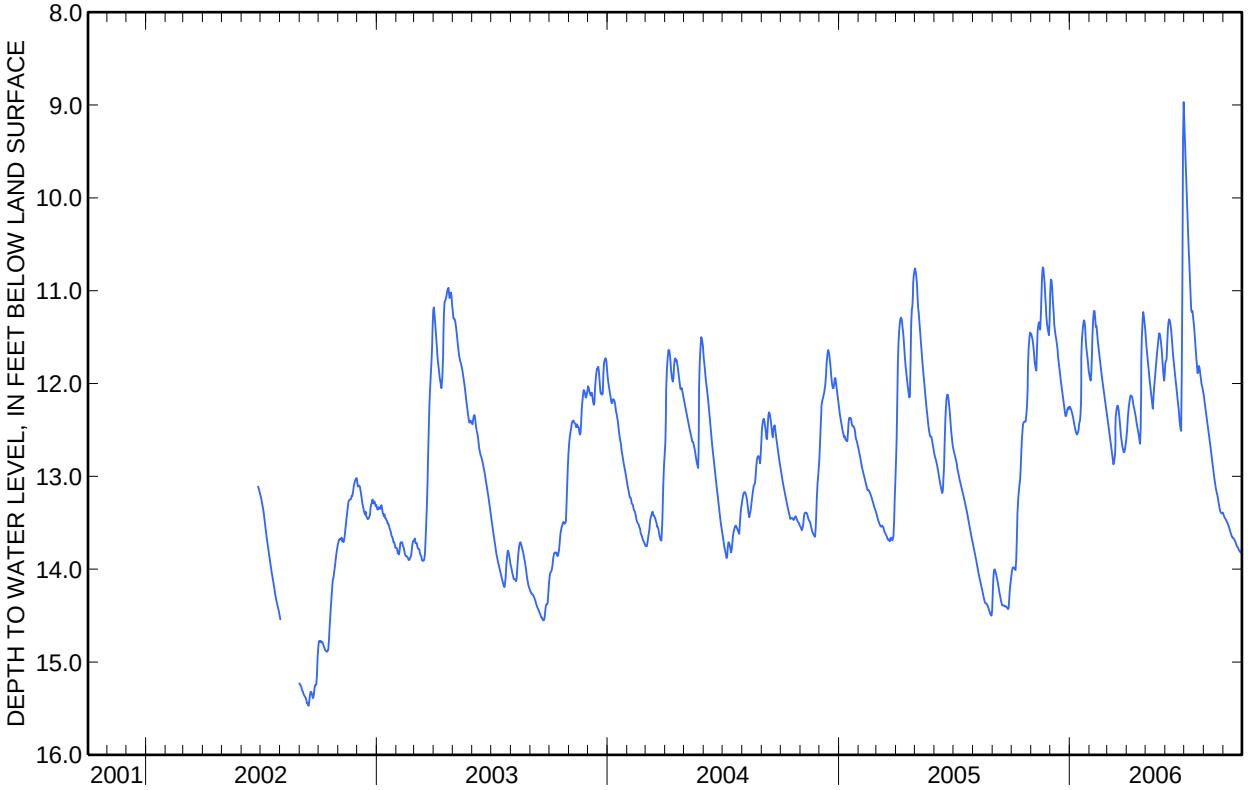
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14.04	11.47	11.02	12.25	11.91	12.36	12.52	11.51	11.78	9.16	12.14	13.41
2	14.00	11.50	10.88	12.27	11.95	12.40	12.43	11.58	11.76	9.38	12.19	13.43
3	13.98	11.53	10.89	12.28	11.97	12.45	12.36	11.66	11.74	9.61	12.24	13.45
4	13.98	11.59	10.97	12.31	11.87	12.50	12.29	11.74	11.58	9.80	12.30	13.46
5	13.99	11.67	11.10	12.33	11.66	12.56	12.21	11.81	11.42	10.00	12.35	13.47
6	14.00	11.73	11.20	12.37	11.44	12.61	12.16	11.88	11.34	10.20	12.40	13.48
7	14.01	11.80	11.31	12.40	11.29	12.68	12.13	11.96	11.31	10.40	12.44	13.50
8	13.92	11.83	11.42	12.44	11.22	12.74	12.13	12.02	11.32	10.58	12.50	13.52
9	13.66	11.86	11.46	12.47	11.22	12.78	12.14	12.09	11.36	10.74	12.56	13.53
10	13.43	11.64	11.51	12.51	11.30	12.82	12.16	12.15	11.41	10.91	12.61	13.56
11	13.27	11.44	11.55	12.53	11.39	12.87	12.21	12.21	11.49	11.08	12.66	13.58
12	13.17	11.38	11.61	12.55	11.38	12.84	12.25	12.27	11.59	11.21	12.72	13.60
13	13.10	11.34	11.70	12.54	11.43	12.80	12.28	12.23	11.67	11.23	12.78	13.62
14	13.05	11.37	11.76	12.52	11.52	12.55	12.32	12.09	11.75	11.22	12.83	13.64
15	12.93	11.42	11.82	12.49	11.61	12.34	12.35	11.97	11.82	11.28	12.88	13.66
16	12.75	11.28	11.86	12.42	11.68	12.27	12.40	11.87	11.89	11.35	12.94	13.66
17	12.60	11.06	11.94	12.40	11.73	12.24	12.45	11.81	11.96	11.43	13.00	13.67
18	12.50	10.85	11.99	12.29	11.79	12.24	12.49	11.77	12.02	11.53	13.05	13.68
19	12.44	10.75	12.04	11.86	11.84	12.28	12.52	11.69	12.08	11.63	13.10	13.69
20	12.42	10.76	12.09	11.56	11.88	12.36	12.56	11.59	12.15	11.72	13.14	13.71
21	12.41	10.84	12.15	11.41	11.93	12.41	12.61	11.50	12.22	11.80	13.17	13.73
22	12.41	10.92	12.20	11.36	11.99	12.49	12.65	11.46	12.29	11.89	13.20	13.75
23	12.41	11.07	12.25	11.32	12.04	12.58	12.46	11.46	12.35	11.86	13.23	13.76
24	12.36	11.17	12.31	11.33	12.10	12.64	11.84	11.49	12.42	11.81	13.27	13.77
25	12.26	11.30	12.35	11.39	12.16	12.68	11.49	11.55	12.49	11.83	13.31	13.79
26	12.05	11.39	12.35	11.53	12.22	12.71	11.30	11.63	12.51	11.89	13.35	13.80
27	11.79	11.41	12.32	11.62	12.26	12.74	11.23	11.73	11.90	11.94	13.38	13.81
28	11.60	11.44	12.28	11.68	12.31	12.74	11.26	11.83	10.88	12.00	13.39	13.82
29	11.49	11.48	12.26	11.74	---	12.72	11.33	11.90	9.36	12.03	13.40	13.82
30	11.45	11.33	12.28	11.81	---	12.68	11.42	11.97	8.97	12.06	13.39	13.78
31	11.46	---	12.25	11.87	---	12.61	---	11.89	---	12.10	13.39	---
Mean	12.87	11.35	11.78	12.06	11.75	12.57	12.13	11.82	11.63	11.15	12.88	13.64
Max	14.04	11.86	12.35	12.55	12.31	12.87	12.65	12.27	12.51	12.10	13.40	13.82
Min	11.45	10.75	10.88	11.32	11.22	12.24	11.23	11.46	8.97	9.16	12.14	13.41

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