

Water-Data Report 2006

**414737073563301 Local number Du-321, near Hyde Park NY**

New York clastic-rock aquifers  
Trenton Group  
Dutchess County, NY

LOCATION.--Lat 41°47'37", long 73°56'33" referenced to North American Datum of 1927, Dutchess County, NY, Hydrologic Unit 02020008, near Hyde Park.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 127 ft. Upper casing diameter 6.0 in; top of first opening 75 ft, bottom of last opening 122 ft. Cased to 75 ft, open hole. Elevation of land-surface datum is 170 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--October 1948 to April 1950, April 1953 to September 1997, February 2004 to current year.

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

REMARKS.--Water level responds to semidiurnal earth tides (approximately 0.05 ft). Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 65.62 ft below land-surface datum, June 22, 1953; lowest water level, 73.85 ft below land-surface datum, Sept. 13, 1966.

EXTREMES FOR CURRENT YEAR.--Highest water level, 66.41 ft below land-surface datum, Feb. 6, 13; lowest water level, 70.33 ft below land-surface datum, Oct. 4, 5, 6.

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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	70.17	68.72	68.13	67.77	66.72	66.52	67.00	67.34	67.73	67.74	68.14	68.68
2	70.22	68.67	68.06	67.83	66.74	66.51	66.98	67.30	67.68	67.77	68.17	68.71
3	70.26	68.67	68.08	67.77	66.68	66.51	66.99	67.25	67.62	67.78	68.18	68.68
4	70.29	68.65	68.12	67.71	66.61	66.55	66.89	67.21	67.58	67.77	68.21	68.66
5	70.28	68.64	68.15	67.64	66.48	66.60	66.85	67.19	67.61	67.75	68.27	68.67
6	70.27	68.62	68.16	67.59	66.45	66.63	66.88	67.20	67.66	67.77	68.36	68.65
7	70.26	68.61	68.19	67.59	66.49	66.67	66.92	67.26	67.67	67.82	68.39	68.66
8	70.03	68.62	68.27	67.62	66.54	66.71	66.92	67.34	67.61	67.87	68.39	68.67
9	69.59	68.62	68.22	67.64	66.57	66.69	67.00	67.38	67.58	67.86	68.42	68.68
10	69.57	68.52	68.13	67.70	66.58	66.64	67.09	67.39	67.57	67.86	68.42	68.69
11	69.63	68.52	68.04	67.71	66.58	66.68	67.16	67.39	67.59	67.87	68.43	68.75
12	69.64	68.57	67.99	67.61	66.51	66.73	67.21	67.34	67.66	67.88	68.46	68.79
13	69.47	68.61	68.06	67.54	66.45	66.72	67.19	67.31	67.72	67.86	68.51	68.78
14	69.32	68.61	68.18	67.39	66.46	66.61	67.14	67.36	67.77	67.88	68.53	68.74
15	69.11	68.63	68.23	67.25	66.50	66.58	67.05	67.40	67.78	67.90	68.51	68.62
16	69.02	68.57	68.13	67.28	66.54	66.64	67.03	67.36	67.83	67.92	68.55	68.54
17	69.02	68.45	68.09	67.36	66.50	66.72	67.07	67.30	67.87	67.93	68.62	68.54
18	69.01	68.44	68.14	67.30	66.51	66.76	67.13	67.27	67.89	67.92	68.67	68.53
19	69.02	68.47	68.13	67.22	66.55	66.78	67.17	67.27	67.89	67.97	68.68	68.51
20	69.04	68.47	68.09	67.23	66.55	66.80	67.20	67.29	67.87	68.02	68.60	68.50
21	69.07	68.42	68.08	67.21	66.51	66.81	67.30	67.34	67.91	68.02	68.59	68.54
22	69.03	68.25	68.08	67.25	66.50	66.80	67.38	67.39	67.93	67.98	68.64	68.62
23	68.88	68.14	68.06	67.20	66.48	66.85	67.27	67.47	67.96	67.90	68.68	68.63
24	68.83	68.12	68.03	67.06	66.48	66.89	67.08	67.53	67.99	67.93	68.70	68.58
25	68.72	68.22	68.00	66.92	66.52	66.90	67.03	67.56	68.00	67.99	68.73	68.57
26	68.60	68.37	67.84	66.91	66.55	66.89	67.05	67.54	67.86	68.03	68.75	68.61
27	68.67	68.45	67.74	66.99	66.55	66.92	67.08	67.53	67.82	68.06	68.77	68.66
28	68.77	68.48	67.80	67.00	66.54	66.97	67.16	67.60	67.77	68.06	68.71	68.68
29	68.80	68.44	67.77	66.94	---	67.01	67.27	67.67	67.69	68.07	68.65	68.63
30	68.78	68.25	67.69	66.82	---	67.05	67.33	67.72	67.69	68.08	68.57	68.65
31	68.77	---	67.72	66.74	---	67.05	---	67.75	---	68.11	68.61	---
<b>Mean</b>	69.36	68.49	68.05	67.35	66.54	66.75	67.09	67.40	67.76	67.92	68.51	68.64
<b>Max</b>	70.29	68.72	68.27	67.83	66.74	67.05	67.38	67.75	68.00	68.11	68.77	68.79
<b>Min</b>	68.60	68.12	67.69	66.74	66.45	66.51	66.85	67.19	67.57	67.74	68.14	68.50

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