



Water-Data Report 2010

412546072541702 Local number HM 446

Sand and gravel aquifers (glaciated regions)
Drift, Stratified

New Haven County, CT

LOCATION.--Lat 41°25'46", long 72°54'17" referenced to North American Datum of 1927, New Haven County, CT, Hydrologic Unit 01100004, at Sleeping Giant State Park, off Tuttle Ave., 50 ft south of road and 30 ft west of Mill River, Hamden; Mount Carmel quadrangle. Owner: Connecticut Department of Energy and Environmental Protection.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 23 ft, PVC casing, screened from 18 to 23 ft.

DATUM.--Elevation of land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of steel protective casing, between hacksaw marks, 1.60 ft above land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

GAGE.--Prior to May 1996 measurements made biweekly with a chalked tape by paid observer. June 1997 to current year, measurements made monthly with an electric tape by USGS personnel.

REMARKS.--Northern, shallow well of pair. Water level records missing from May 1996 through May 1997.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.50 ft below land-surface datum, Mar. 31, 2010; lowest water level measured, 5.05 ft below land-surface datum, Nov. 29, 2001.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: T, electric tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 27	3.20	T	--	Apr 27	2.94	T	--
Nov 25	3.03	T	--	May 21	3.42	T	--
Dec 30	2.42	T	--	Jun 29	3.81	T	--
Jan 29	2.58	T	--	Jul 29	3.91	T	--
Feb 24	2.17	T	--	Aug 31	3.93	T	--
Mar 31	.50	T	--	Sep 28	3.33	T	--

Water year 2010 highest: .50, Mar 31, 2010; lowest: 3.93, Aug 31, 2010

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