



Water-Data Report 2009

412541072542001 Local number HM 448

Sand and gravel aquifers (glaciated regions)

Drift, Stratified

New Haven County, CT

LOCATION.--Lat 41°25'41", long 72°54'20" referenced to North American Datum of 1927, New Haven County, CT, Hydrologic Unit 01100004, at Sleeping Giant State Park, 300 ft east of Rt. 10, 200 ft south of Tuttle Ave., northeast corner of field, near woods, Hamden; Mount Carmel quadrangle. Owner: Connecticut Department of Environmental Protection.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 53 ft, PVC casing, screened from 48 to 53 ft.

DATUM.--Elevation of land-surface datum is 115 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of steel protective casing, 2.20 ft above land-surface datum.

PERIOD OF RECORD.--January 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.--Water level records missing from May 1996 through May 1997.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.74 ft below land-surface datum, Jan. 29, 1996; lowest water level measured, 15.27 ft below land-surface datum, Aug. 30, 2005.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[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 28	13.12	T	--	Apr 23	12.33	T	--
Nov 24	12.91	T	--	May 29	13.04	T	--
Dec 30	12.09	T	--	Jun 29	12.67	T	--
Jan 27	12.84	T	--	Jul 29	13.06	T	--
Feb 23	12.74	T	--	Aug 28	13.58	T	--
Mar 30	12.85	T	--	Sep 29	13.63	T	--

Water year 2009 highest: 12.09, Dec 30, 2008; lowest: 13.63, Sep 29, 2009

Period of record highest: 9.74, Jan 29, 1996; lowest: 15.27, Aug 30, 2005

Record available from Jan 7, 1993, to Sep 29, 2009; 221 entries

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