

Water-Data Report 2010

413202073122401 Local number WY 1

Sand and gravel aquifers (glaciated regions)
Drift, Stratified

Litchfield County, CT

LOCATION.--Lat 41°32'02", long 73°12'24" referenced to North American Datum of 1927, Litchfield County, CT, Hydrologic Unit 01100005, about 75 ft east of Main St. and 21 ft north of Irene Thulin House and about 500 ft south of Orenaug Rd., Woodbury; Woodbury quadrangle.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Dug, unused, water-table well, fieldstone-lined, diameter 30 in, depth 31 ft (formerly 34.2 ft).

DATUM.--Elevation of land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of plywood cover, 2.53 ft above land-surface datum.

PERIOD OF RECORD.--October 1913 to current year.

GAGE.--Analog recorder Oct. 5, 1965 through May 18, 1970; water-level recorder May 7, 1986 through Dec. 28, 1987, collected 1-hour water-level data. Prior to Nov. 1990 measurements made monthly; Nov. 1990 through Sep. 1994 measurements made biweekly with a chalked tape; Oct. 1994 through Sep. 1996 measurements made biweekly with an electric tape; Oct. 1996 to current year measurements made monthly with an electric tape. Additional measurements made Mar. to Sep. 2002 due to drought conditions. All measurements made by USGS personnel.

REMARKS.--Water-level data available Oct. 1913 through Dec. 1916, but there is a lack of documentation of measuring-point height for this time period.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.70 ft below land-surface datum, Apr. 26, 1983; lowest water level measured, 33.50 ft below land-surface datum, Oct. 10, 1914.

**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 28	25.31	T	--	Apr 28	21.28	T	--
Nov 30	23.91	T	--	May 20	22.40	T	--
Dec 29	21.87	T	--	Jun 28	26.02	T	--
Jan 27	21.85	T	--	Jul 28	29.00	T	--
Feb 23	22.94	T	--	Aug 30	29.34	T	--
Apr 1	19.55	T	--	Sep 29	29.38	T	--

Water year 2010 highest: 19.55, Apr 1, 2010; lowest: 29.38, Sep 29, 2010

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