

Water-Data Report 2010

**414844072182701 Local number MS 77**

Sand and gravel aquifers (glaciated regions)  
Drift, Stratified

Tolland County, CT

LOCATION.--Lat 41°48'44", long 72°18'27" referenced to North American Datum of 1927, Tolland County, CT, Hydrologic Unit 01100002, East side of corn field, 185 ft east of Rt. 44, 30 ft north of MS 74, 3,200 ft north of intersection of Rts. 32 and 44, Mansfield; Coventry quadrangle. Owner: University of Connecticut.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 50 ft, PVC casing, slotted 45 to 50 ft.

DATUM.--Elevation of land-surface datum is 490 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of steel protective casing between hacksaw marks, 3.00 ft above land-surface datum.

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

GAGE.--July 1993 through September 1994 measurements made biweekly with a chalked tape; October 1994 through September 1996 measurements made biweekly with an electric tape; October 1996 to current year measurements made monthly with an electric tape. All measurements made by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.31 ft below land-surface datum, Mar. 30, 1994; lowest water level measured, 12.10 ft below land-surface datum, Nov. 30, 2007.

**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	6.73	T	--	Apr 27	2.48	T	--
Nov 24	4.58	T	--	May 21	3.54	T	--
Dec 23	2.75	T	--	Jun 29	5.34	T	--
Jan 27	1.80	T	--	Jul 27	7.82	T	--
Feb 24	1.70	T	--	Aug 31	9.47	T	--
Mar 31	.64	T	--	Sep 29	10.60	T	--

Water year 2010 highest: .64, Mar 31, 2010; lowest: 10.60, Sep 29, 2010

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