



Water-Data Report 2010

414815072183401 Local number MS 75

Sand and gravel aquifers (glaciated regions)
Drift, Stratified

Tolland County, CT

LOCATION.--Lat 41°48'15", long 72°18'34" referenced to North American Datum of 1927, Tolland County, CT, Hydrologic Unit 01100002, east side of corn field, 400 ft east of railroad tracks, 1,200 ft north of Rt. 44, Mansfield; Coventry quadrangle. Owner: University of Connecticut.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 31 ft, PVC casing, slotted 26 to 31 ft.

DATUM.--Elevation of land-surface datum is 345 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of PVC casing, 2.18 ft above land-surface datum.

PERIOD OF RECORD.--December 1992 to current year.

GAGE.--December 1992 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, 2.55 ft below land-surface datum, Mar. 31, 2010; lowest water level measured, 20.95 ft below land-surface datum, Jan. 23, 2008.

**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	13.26	T	--	Apr 27	4.22	T	--
Nov 24	13.02	T	--	May 21	6.27	T	--
Dec 23	9.73	T	--	Jun 29	9.49	T	--
Jan 27	7.35	T	--	Jul 27	10.25	T	--
Feb 24	6.73	T	--	Aug 31	15.77	T	--
Mar 31	2.55	T	--	Sep 29	17.93	T	--

Water year 2010 highest: 2.55, Mar 31, 2010; lowest: 17.93, Sep 29, 2010

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