

Water-Data Report 2010

414825072185602 Local number MS 46

Sand and gravel aquifers (glaciated regions)
Drift, Stratified

Tolland County, CT

LOCATION.--Lat 41°48'25", long 72°18'56" referenced to North American Datum of 1927, Tolland County, CT, Hydrologic Unit 01100002, west side of corn field, 3,000 ft west of Rt. 32, 2,500 ft north of Rt. 44, 100 ft east of Willimantic River, Mansfield; Coventry quadrangle. Owner: University of Connecticut.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 41.25 ft, PVC casing, slotted 36.25 to 41.25 ft.

DATUM.--Elevation of land-surface datum is 295 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of PVC casing, on locking side, 2.10 ft above land-surface datum.

PERIOD OF RECORD.--July 1987 to current year.

GAGE.--July 1987 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, 10.34 ft below land-surface datum, Mar. 31, 2010; lowest water level measured, 16.91 ft below land-surface datum, Sept. 29, 1995.

**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	13.71	T	--	Apr 27	12.25	T	--
Nov 24	13.68	T	--	May 21	12.77	T	--
Dec 23	13.30	T	--	Jun 29	13.04	T	--
Jan 27	12.34	T	--	Jul 27	14.02	T	--
Feb 24	13.15	T	--	Aug 31	14.60	T	--
Mar 31	10.34	T	--	Sep 29	14.91	T	--

Water year 2010 highest: 10.34, Mar 31, 2010; lowest: 14.91, Sep 29, 2010

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