

Water-Data Report 2010

413457072252201 Local number CO 335

Sand and gravel aquifers (glaciated regions)
Drift, Stratified

New London County, CT

LOCATION.--Lat 41°34'57", long 72°25'22" referenced to North American Datum of 1927, New London County, CT, Hydrologic Unit 01080205, about 80 ft east of Blackledge River and about 600 ft south of River Rd., Colchester; Moodus quadrangle.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Augered, unused, water-table well, diameter 2 in, depth 29.1 ft, PVC casing, screened 27 to 29 ft.

DATUM.--Elevation of land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of steel protective casing 0.20 ft above land-surface datum.

PERIOD OF RECORD.--January 1986 to current year.

GAGE.--Prior to November 1990 measurements made monthly; November 1990 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, 4.05 ft below land-surface datum, Nov. 28, 1995; lowest water level measured, 9.35 ft below land-surface datum, July 31, 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 26	7.15	T	--	Apr 27	6.52	T	--
Nov 27	6.37	T	--	May 20	7.16	T	--
Dec 22	6.26	T	--	Jun 28	7.89	T	--
Jan 26	5.42	T	--	Jul 26	7.92	T	--
Feb 24	6.81	T	--	Aug 30	8.30	T	--
Mar 29	4.21	T	--	Sep 28	8.48	T	--

Water year 2010 highest: 4.21, Mar 29, 2010; lowest: 8.48, Sep 28, 2010

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