



Water-Data Report 2006

415312072280201 Local number EL 140

Other aquifers
Till

Tolland County, CT

LOCATION.--Lat 41°56'12", long 72°28'00" referenced to North American Datum of 1983, Tolland County, CT, Hydrologic Unit 01080205, Metcalf nature trail, 10 ft north of Cedarwood Dr. directly across from intersection with Pinewood Lane, Ellington; Ellington quadrangle. Owner: Town of Ellington.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled, unused, water-table well, diameter 2 in, depth 25.8 ft, PVC casing.

DATUM.--Land-surface datum is 380 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of steel protective casing between hacksaw marks, 2.36 ft above land-surface datum.

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

INSTRUMENTATION.--From December 1993 through September 1994 measurements made biweekly with a chalked tape; from October 1994 through September 1996 measurements made biweekly with an electric tape; since October 1996 measurements made monthly with an electric tape. All measurements made by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.27 ft below land-surface datum, Jan. 26, 1996; lowest water level measured, 22.99 ft below land-surface datum, Nov. 27, 2001.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[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 31 | 11.92 | T | -- | Apr 26 | 13.26 | T | -- |
| Nov 28 | 11.42 | T | -- | May 22 | 11.19 | T | -- |
| Dec 30 | 11.34 | T | -- | Jun 28 | 10.54 | T | -- |
| Jan 25 | 10.96 | T | -- | Jul 25 | 13.52 | T | -- |
| Feb 27 | 12.40 | T | -- | Aug 28 | 17.87 | T | -- |
| Mar 29 | 13.43 | T | -- | Sep 26 | 19.59 | T | -- |

Water year 2006 highest: 10.54 Jun 28, 2006; lowest: 19.59 Sep 26, 2006

Period of record highest: 10.27 Jan 26, 1996; lowest: 22.99 Nov 27, 2001

Record available from Dec 14, 1993, to Sep 26, 2008; 201 entries

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