



Water-Data Report 2010

414240072032202 Local number SC 23

Sand and gravel aquifers (glaciated regions)
Drift, Stratified

Windham County, CT

LOCATION.--Lat 41°42'40", long 72°03'22" referenced to North American Datum of 1927, Windham County, CT, Hydrologic Unit 01100002, at James V. Spignesi, Jr. Wildlife Area (prior to March 29, 1999 known as Pudding Hill Wildlife Management area). Off State Rt. 97 at end of field road near stream about 4,000 ft east of Rt. 97, Scotland; Scotland quadrangle. Owner: Connecticut Department of Energy and Environmental Protection.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 5.2 ft.

DATUM.--Elevation of land-surface datum is 265 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of protective steel casing, 0.91 ft above land-surface datum.

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

GAGE.--Dec. 1993 through Sep. 1994 measurements made biweekly with a chalked tape; Oct. 1994 through Sep. 1996 measurements made biweekly with an electric tape; Oct. 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, flowing at 1.20 ft above land-surface datum, Mar. 31, 2010; lowest water level measured, 3.28 ft below land-surface datum, Aug. 27, 1998.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
(READINGS ABOVE LAND SURFACE INDICATED BY "+")
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 | 2.17 | T | -- | Apr 28 | 1.99 | T | -- |
| Nov 24 | 2.08 | T | -- | May 21 | 2.14 | T | -- |
| Dec 23 | 2.11 | T | -- | Jun 29 | 2.71 | T | -- |
| Jan 27 | 1.24 | T | -- | Jul 27 | 2.83 | T | -- |
| Feb 24 | 1.32 | T | -- | Aug 31 | 2.92 | T | -- |
| Mar 31 | +1.20 | T | -- | Sep 29 | 2.66 | T | -- |

Water year 2010 highest: +1.20, Mar 31, 2010; lowest: 2.92, Aug 31, 2010

