



Water-Data Report 2010

411118073175801 Local number FF 31

New England crystalline-rock aquifers
Non-Carbonate Crystalline Bedrock

Fairfield County, CT

LOCATION.--Lat 41°11'18", long 73°17'58" referenced to North American Datum of 1927, Fairfield County, CT, Hydrologic Unit 01100006, behind fire station at 3965 Hillside Ave., Fairfield; Westport quadrangle. Owner: Town of Fairfield.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Bored, unused, water-table well, diameter 2 in, depth 39.1 ft, screened 30 to 39.1 ft.

DATUM.--Elevation of land-surface datum is 275 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: top of steel protective casing between hacksaw marks, 2.00 ft above land-surface datum.

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

GAGE.--October 1993 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, 1.59 ft below land-surface datum, Mar. 30, 1994; lowest water level measured, 14.50 ft below land-surface datum, Sept. 13, 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 27	7.08	T	--	Apr 27	6.28	T	--
Nov 25	6.83	T	--	May 21	7.76	T	--
Dec 30	5.01	T	--	Jun 29	10.76	T	--
Jan 29	6.52	T	--	Jul 29	11.12	T	--
Feb 24	5.32	T	--	Aug 31	10.99	T	--
Mar 31	2.15	T	--	Sep 28	13.92	T	--

Water year 2010 highest: 2.15, Mar 31, 2010; lowest: 13.92, Sep 28, 2010

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