



Water-Data Report 2010

412346070353403 Local number Edgartown well ENW 52

Sand and gravel aquifers (glaciated regions)

Outwash

Dukes County, MA

LOCATION.--Lat 41°23'46", long 70°35'34" referenced to North American Datum of 1927, Dukes County, MA, Hydrologic Unit 01090002, 0.5 mi west of Airport Road and 0.6 mi north of West Tisbury Road in Edgartown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 64 ft. Upper casing diameter 2.00 in; top of first opening 61 ft, bottom of last opening 64 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well casing, 0.02 ft below land-surface datum, Dec. 16, 1976, to present.

PERIOD OF RECORD.--December 1976 to current year.

GAGE.--Monthly measurement by Martha's Vineyard Cooperative Extension.

COOPERATION.--Massachusetts Department of Environmental Protection, Office of Watershed Management; Massachusetts Department of Conservation and Recreation, Water Resources Commission.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|-------------|--------------------|-------------|--------------------|
| Oct 27 | 17.90 | Apr 29 | 13.94 |
| Nov 23 | 17.46 | May 25 | 14.19 |
| Dec 29 | 17.00 | Jun 28 | 14.56 |
| Jan 31 | 16.51 | Jul 29 | 15.10 |
| Feb 26 | 16.46 | Aug 27 | 15.80 |
| Mar 26 | 15.62 | Sep 28 | 16.41 |

Water year 2010 highest: 13.94, Apr 29, 2010; lowest: 17.90, Oct 27, 2009

Period of record highest: 12.93, May 24, 1987, Jun 27, 1987; lowest: 20.95, Mar 28, 2002

Record available from Dec 16, 1976, to Jan 23, 2012; 400 entries

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