



Water-Data Report 2006

420317070432901 Local number Duxbury well D4W 80

New England crystalline-rock aquifers
Igneous Rocks, Intrusive
Plymouth County, MA

LOCATION.--Lat 42°03'17", long 70°43'29" referenced to North American Datum of 1927, Plymouth County, MA, Hydrologic Unit 01090002, 78 ft south of State Highway 14 and 250 ft east of State Highway 3 in Duxbury.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 181 ft. Upper casing diameter 6.00 in; top of first opening 59 ft, bottom of last opening 59 ft.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of hole in concrete cover at land surface, 0.00 ft above land-surface datum, April 26, 1965, to present.

PERIOD OF RECORD.--April 1965 to current year.

GAGE.--Monthly measurement.

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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 31	20.00	Apr 27	21.74
Nov 29	20.40	May 24	20.23
Dec 29	20.90	Jun 28	20.15
Jan 24	19.71	Jul 25	21.25
Feb 23	20.79	Aug 22	21.78
Mar 30	21.50	Sep 26	22.00

Water year 2006 highest: 19.71 Jan 24, 2006; lowest: 22.00 Sep 26, 2006

Period of record highest: 18.98 Feb 26, 1998; lowest: 24.02 Sep 27, 1965

Record available from Apr 01, 1965, to Dec 19, 2006; 489 entries

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