



Water-Data Report 2011

**410537075000801 Local number PI 590**

Other aquifers  
Marcellus Shale

Pike County, PA

LOCATION.--Lat 41°05'37.1", long 75°00'08.0" referenced to North American Datum of 1983, Pike County, PA, Hydrologic Unit 02040104, at Bushkill Falls Road, at Bushkill.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 350 ft. Upper casing diameter 6 in; top of first opening 185 ft, bottom of last opening 350 ft. Drilled unused well, cased to 185 ft, open hole.

DATUM.--Land-surface datum is 377 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.15 ft above land-surface datum, July 10, 2007, to present.

PERIOD OF RECORD.--July 2007 to current year.

GAGE.--Monthly measurement by U.S. Geological Survey personnel through July 2009. From August 2009 to present monthly measurement by Pike County Conservation District personnel.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Pike County Conservation District.

EXTREMES FOR PERIOD OF RECORD.--The extremes are based on the instantaneous depth below land-surface datum. Highest water level, 21.24 ft below land-surface datum, Sep 12, 2011; lowest, 27.09 ft below land-surface datum, Sep 12, 2007.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 7	26.27	V	--	Apr 11	23.57	V	--
Nov 9	25.87	V	--	May 10	23.19	V	--
Dec 9	25.35	V	--	Jun 9	23.74	V	--
Jan 11	26.18	V	--	Jul 11	24.22	V	--
Feb 10	26.68	V	--	Aug 8	24.87	V	--
Mar 8	24.35	V	--	Sep 12	21.24	V	--

Water year 2011 highest: 21.24, Sep 12, 2011; lowest: 26.68, Feb 10, 2011