



Water-Data Report 2011

413207081044400 Local number GE-112

Pennsylvanian aquifers
Pottsville Formation

Geauga County, OH

LOCATION.--Lat 41°32'07", long 81°04'44" referenced to North American Datum of 1927, T8NR6WE, Geauga County, OH, Hydrologic Unit 04110002, Huntsburg Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 5.63 in; top of first opening 22.7 ft, bottom of last opening 80 ft. Commercial water-supply well for shop and house (not used for irrigation).

DATUM.--Land-surface datum is 1,274.17 ft above North American Vertical Datum of 1988. Measuring point: Top of steel casing. MP altitude surveyed 10/2007., 1.30 ft above land-surface datum, May 8, 1980, to present. Land-surface datum is accurate within 0.1 ft.

PERIOD OF RECORD.--Periodic water-level measurements from May 8, 1980 to current year.

COOPERATION.--Ground-water-level data is collected as part of a USGS cooperative study with the Geauga County Planning Commission and the Board of County Commissioners.

REMARKS.--The long-term ground-water monitoring network in Geauga County consists of 31 wells. The purpose of the water-level study is to determine whether fluctuations in water levels represent consistent, long-term trends caused by human activity or are predominantly the result of seasonal and annual variations in recharge.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.86 ft below land-surface datum, May 8, 1980; lowest measured, 50.61 ft below land-surface datum, Jan. 15, 2002.

**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; 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
Nov 2	48.73	V	--	May 18	48.44	V	--
Jan 7	48.17	T	--	Jul 14	48.24	T	--
Mar 16	48.68	T	--	Sep 15	48.16	T	--