



Water-Data Report 2013

412415081033500 Local number GE-163

Pennsylvanian aquifers
Pottsville Formation

Geauga County, OH

LOCATION.--Lat 41°24'16.3", long 81°03'34.9" referenced to North American Datum of 1983, Geauga County, OH, Hydrologic Unit 04110004, Parkman Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 5.62 in; top of first opening 44.9 ft, bottom of last opening 60 ft. Domestic water-supply well.

DATUM.--Land-surface datum is 1,180.71 ft above North American Vertical Datum of 1988. Measuring point: Top of casing. MP altitude surveyed 10/2007., 1.10 ft above land-surface datum, Feb. 5, 1986, to present. Land-surface datum is accurate within 0.1 ft.

PERIOD OF RECORD.--Periodic water-level measurements from February 5, 1986 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, 8.17 ft below land-surface datum, Feb. 5, 1986; lowest measured, 17.11 ft below land-surface datum, Sept. 23, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[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
Dec 6	15.20	V	--	May 1	14.45	V	--
Feb 11	14.58	V	--	Aug 1	14.70	V	--