



Water-Data Report 2013

413127081025900 Local number GE-280

Mississippian aquifers
Cuyahoga Formation

Geauga County, OH

LOCATION.--Lat 41°31'00.3", long 81°03'20.0" referenced to North American Datum of 1983, Geauga County, OH, Hydrologic Unit 04110004, Huntsburg Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 162 ft. Upper casing diameter 6.00 in; top of first opening 62 ft, bottom of last opening 162 ft. Domestic water-supply well.

DATUM.--Land-surface datum is 1,201.36 ft above North American Vertical Datum of 1988. Measuring point: TOP OF PVC CASING. MP altitude surveyed 10/2007., 1.45 ft above land-surface datum, Sep. 8, 1994, to present. Land-surface datum is accurate within 0.1 ft.

PERIOD OF RECORD.--Periodic water-level measurements from September 8, 1994 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, 31.56 ft below land-surface datum, Apr. 18, 2007; lowest measured, 35.96 ft below land-surface datum, Dec. 14, 1998 (well had been pumped recently); lowest static water level measured, 35.52 ft below land surface datum, Oct. 27, 1999.

**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	34.07	V	--	May 1	33.03	V	--
Feb 12	33.33	V	--	Aug 1	33.57	V	--