



Water-Data Report 2013

413456081035600 Local number GE-106

Mississippian aquifers
Cuyahoga Formation

Geauga County, OH

LOCATION.--Lat 41°34'55.7", long 81°04'12.6" referenced to North American Datum of 1983, T9NR6WE, Geauga County, OH, Hydrologic Unit 04110002, Montville Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 72 ft. Upper casing diameter 5.63 in; top of first opening 53 ft, bottom of last opening 72 ft. Domestic water-supply well.

DATUM.--Land-surface datum is 1,261.86 ft above North American Vertical Datum of 1988. Measuring point: Top of casing. MP altitude surveyed 10/2007., 1.20 ft above land-surface datum, May 7, 1980, to present. Land-surface datum is accurate within 0.1 ft.

PERIOD OF RECORD.--Periodic water-level measurements from May 7, 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, 30.84 ft below land-surface datum, May 7, 1980; lowest measured, 37.44 ft below land-surface datum, May 29, 1996.

**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; R, site had been pumped recently.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Dec 6	35.57	V	--	May 1	35.36	V	--
Feb 12	35.34	V	--	Aug 2	35.32	V	R