

Water-Data Report 2013

413138081152000 Local number GE-76

Sand and gravel aquifers (glaciated regions)
Outwash

Geauga County, OH

LOCATION.--Lat 41°31'38", long 81°15'20" referenced to North American Datum of 1927, Geauga County, OH, Hydrologic Unit 04110003, Munson Township.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 146.4 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Private water-supply well.

DATUM.--Land-surface datum is 1,175.49 ft above North American Vertical Datum of 1988. Measuring point: Top of casing. MP altitude surveyed 10/2007., 1.68 ft above land-surface datum, June 15, 1978, to present. Land-surface datum is accurate within 0.1 ft.

PERIOD OF RECORD.--Periodic water-level measurements from June 15, 1978 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, 21.17 ft below land-surface datum, March 21, 2012; lowest measured, 25.29 ft below land-surface datum, July 11, 2001.

**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 5	22.56	V	--	May 2	21.93	V	--
Feb 12	22.35	V	--	Aug 1	22.44	V	R