

Water-Data Report 2013

412536081203800 Local number GE-356

Pennsylvanian aquifers
Pottsville Formation

Geauga County, OH

LOCATION.--Lat 41°25'36", long 81°20'38" referenced to North American Datum of 1927, Geauga County, OH, Hydrologic Unit 04110003, Russell Township, South Russell Village.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 5.63 in; top of first opening 32.5 ft, bottom of last opening 80 ft. Domestic water-supply well.

DATUM.--Land-surface datum is 1,155 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.3 ft above land-surface datum, May 2, 2000, to present. Land-surface datum is accurate within 5 ft.

PERIOD OF RECORD.--Periodic measurements from May 2, 2000 to current year.

COOPERATION.--Groundwater-level data is collected as part of a USGS cooperative study with the Village of South Russell.

REMARKS.--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, 9.79 ft below land-surface datum, Apr. 19, 2007; lowest measured, 13.53 ft below land-surface datum, Oct. 24, 2000.

**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	11.43	V	--	May 2	10.41	V	--
Feb 12	10.70	V	--	Aug 2	11.43	V	--