



Water-Data Report 2007

**414921090450401 Local number 81-02E-17 ABCC**

Silurian-Devonian aquifers  
Silurian System  
Clinton County, IA

LOCATION.--Lat 41°49'32", long 90°45'08" referenced to North American Datum of 1927, in SW ¼ NW ¼ NE ¼ sec.17, T.81 N., R.2 E., Clinton County, IA, Hydrologic Unit 07080103, located below the water tower near the sub-station in the Town of Claims.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 278 ft. Upper casing diameter 10 in, top of first opening undefined, bottom of last opening undefined. Drilled pumping well, casing interval unknown.

DATUM.--Land-surface datum is 712 ft above National Geodetic Vertical Datum of 1929. Measuring point: undefined. Land-surface datum from topographic map.

PERIOD OF RECORD.--August 1997 to September 2004; August 2005; June 2006 to September 2006; August 2007.

GAGE.--Measurements with airline by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42 ft below land-surface datum, November 14, 2002; lowest measured, 125 ft below land-surface datum, August 13, 2002.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[Measurement method: A, airline. Water-level status: --, static.]

Date	Water level	Measurement method	Water level status
Aug 23	105.0	A	--