



Water-Data Report 2007

**420731092083803 Local number 85-11-33 CCBC3**

Silurian-Devonian aquifers  
Devonian System  
Benton County, IA

LOCATION.--Lat 42°07'31", long 92°08'38" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec.33, T.85 N., R.11 W., Benton County, IA, Hydrologic Unit 07080205, approximately 1 mi south of the Town of Garrison, just east of County Highway V56.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 97 ft. Upper casing diameter 6 in, top of first opening 90 ft, bottom of last opening 97 ft. Drilled observation artesian water well, open hole 90-97 ft.

DATUM.--Land-surface datum is 905 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 6 in casing, 2.20 ft above land-surface datum, June 29, 1977 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--June 1977 to September 2004; June 2006 to September 2006; August 2007.

GAGE.--Measurement with chalked tape by USGS personnel.

REMARKS.--Well 109; wells 170 and 340 also in this hole.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.63 ft below land-surface datum, March 23, 1979; lowest measured, 66.87 ft below land-surface datum, August 4, 1997.

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

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measurement method	Water level status
Aug 21	62.46	S	--