



Water-Data Report 2007

**420433090502401 Local number 84-01E-22 BBB**

Silurian-Devonian aquifers  
Devonian-Silurian Systems

Jackson County, IA

LOCATION.--Lat 42°04'34", long 90°50'23" referenced to North American Datum of 1927, in NW ¼ NW ¼ NW ¼ sec.22, T.84 N., R.1 E., Jackson County, IA, Hydrologic Unit 07060006, located just east of the water tower in the Town of Baldwin.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 190 ft. Upper casing diameter 14 in, top of first opening 80 ft, bottom of last opening 190 ft. Drilled well, open hole 80-190 ft.

DATUM.--Land-surface datum is 760 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well cap, 3.21 ft above land-surface datum, August 6, 1997 to present. Land-surface datum from topographic map.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.74 ft below land-surface datum, May 3, 1999; lowest measured, 65.25 ft below land-surface datum, June 30, 2006.

**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 23	62.53	S	--