



Water-Data Report 2007

423310093032802 Local number 89-19-02 BDAC2

Other aquifers
Mississippian System
Hardin County, IA

LOCATION.--Lat 42°33'08", long 93°03'31" referenced to North American Datum of 1927, in NE ¼ SE ¼ NW ¼ sec.2, T.89 N., R.19 W., Hardin County, IA, Hydrologic Unit 07080205, 0.35 south and 0.10 mi west of the intersection of U.S. Highway 20 and County Highway S56. Well is in a shed at the west end of Second Avenue adjacent to railroad tracks.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 134 ft. Upper casing diameter 10 in, top of first opening 57 ft, bottom of last opening 134 ft. Drilled unused artesian well, screened 57-60 ft, open hole 68-134 ft. Open to Devonian rock 131-134 ft.

DATUM.--Land-surface datum is 1,085 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder base, 0.80 ft above land-surface datum, July 1, 1953 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--July 1953; September 1988 to September 2004; August 2006 to September 2006; August 2007 to September 2007.

GAGE.--Measurement with chalked tape by USGS personnel. Analog digital water-level recorder, 60 minute punch, to October 1992.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.79 ft below land-surface datum, February 5, 1996; lowest measured, 27.20 ft below land-surface datum, July 1, 1953.

**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	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Aug 15	16.79	S	--	Sep 24	16.77	S	--

Water year 2007 highest: 16.77 Sep 24, 2007; lowest: 16.79 Aug 15, 2007