



Water-Data Report 2007

405813095433201 Local number 71-42-07 BBCD

Sand and gravel aquifers (glaciated regions)
 Pleistocene Series
 Mills County, IA

LOCATION.--Lat 40°58'13", long 95°43'32" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.7, T.71 N., R.42 W., Mills County, IA, Hydrologic Unit 10240001, on the west side of the T-intersection of county highways, approximately 5.5 mi south of the City of Glenwood.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 351 ft. Upper casing diameter 2 in, top of first opening 332 ft, bottom of last opening 351 ft. Drilled observation water-table well, screened 332-342 ft, open hole 343-351 ft, gravel packed.

DATUM.--Land-surface datum is 1,122 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.80 ft above land-surface datum, August 7, 1992 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--August 1992 to September 2004; June 2006 to September 2006; August 2007 to September 2007.

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

REMARKS.--Well SW-40.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 165.70 ft below land-surface datum, August 5, 1993; lowest measured, 176.37 ft below land-surface datum, June 14, 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	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Aug 21	172.91	S	--	Sep 24	171.80	S	--

Water year 2007 highest: 171.80 Sep 24, 2007; lowest: 172.91 Aug 21, 2007