



Water-Data Report 2006

**411828091304701 Local number 75-06-14 ABBB**

Sand and gravel aquifers (glaciated regions)  
Pleistocene Series

Washington County, IA

LOCATION.--Lat 41°18'29", long 91°30'47" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.14, T.75 N., R.6 W., Washington County, IA, Hydrologic Unit 07080102, 1 mi north and 1.5 mi east of the junction of U.S. Highway 218 and State Highway 92.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 12 in; top of first opening undefined, bottom of last opening undefined. Bored unused water-table well, lined with tile.

DATUM.--Land-surface datum is 745 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of nipple, 4.08 ft above land-surface datum, May 6, 1987 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--November 1983 to September 2004; August 2005; June 2006 to September 30, 2006 (discontinued).

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.29 ft below land-surface datum, April 16, 1999; lowest measured, 13.64 ft below land-surface datum, August 22, 1996.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[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
Jun 29	5.64	S	--	Aug 31	6.46	S	--

Water year 2006 highest: 5.64, Jun 29, 2006; lowest: 6.46, Aug 31, 2006