

GROUND-WATER LEVELS

MORRISON COUNTY

460444094212501. Local number, 130N29W08DCC01.

LOCATION.-- Lat 46°04'44", long 94°21'25", in SW 1/4 SW 1/4 SE 1/4 sec.8, T.130 N., R.29 W., Hydrologic Unit 07010104, at Camp Ripley. Owner: Minnesota Army National Guard, Camp Ripley.

AQUIFER.-- Surficial outwash sand and gravel of Pleistocene Age.

WELL CHARACTERISTICS.-- Drilled water-table observation well, diameter 2 in., depth 59 ft, screened 56 to 59 ft.

INSTRUMENTATION.-- Monthly measurements by observer and intermittent measurements by USGS personnel. Continuous recordings with a datalogger beginning Dec. 12, 2003.

DATUM.-- Land-surface datum is 1,149.0 ft above sea level. Measuring point: Top of casing, 2.10 ft above land-surface datum.

REMARKS.-- Water level affected by pumping.

PERIOD OF RECORD.-- Apr. 1949 to current year.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level observed, 7.35 ft below land-surface datum, July 28, 1972; lowest observed, 19.75 ft below land-surface datum, Aug. 4, 1961.

EXTREMES FOR CURRENT WATER YEAR.-- Highest water level recorded, 10.56 ft below land-surface datum, Oct 3; lowest recorded, 13.73 ft below land-surface datum, Sep. 3.

Additional water level readings: Oct. 3, 10.56 and Oct. 24, 10.83.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	11.27	---	12.07	12.70	13.12	13.23	13.29	13.25	13.28	13.55	13.65
10	---	---	---	12.16	12.96	13.25	13.20	13.21	13.29	13.35	13.46	13.44
15	---	---	11.77	12.24	12.89	13.27	13.27	13.30	13.24	13.47	13.47	13.47
20	---	---	11.93	12.26	13.10	13.28	13.30	13.27	13.29	13.43	13.68	13.37
25	---	---	11.94	12.43	13.03	13.11	13.26	13.20	13.25	13.40	13.58	13.35
EOM	---	---	12.06	12.55	13.21	13.08	13.24	13.18	13.34	13.42	13.65	13.47
MAX	---	---	---	12.55	13.21	13.33	13.34	13.38	13.43	13.52	13.68	13.71

