

GROUND-WATER LEVEL DATA

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613716149394101. Local number, SB01800229DAAA3001.

LOCATION.--Lat 61°37'52", Long 149°39'50"; in NE¹/₄ NE¹/₄ SE¹/₄ sec. 29, T.18 N., R. 2 W. (Anchorage C-8 SE quad), Seward Meridian, Hydrologic Unit 19020505. Well located near the northwestern shore of Seymour Lake, Wasilla, Alaska.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 6-in. steel casing, depth 80 ft, cased to 78 ft and open at bottom.

INSTRUMENTATION.--Intermittent measurements made by U.S. Geological Survey personnel in 1999 and from August 2005 to current year.

DATUM.--Elevation of land-surface datum is 378.77 ft NAVD88. Horizontal coordinates are NAD83. (Elevation and horizontal coordinates determined using Survey-Grade Global Positioning System Static and Real-Time-Kinematic surveys). Measuring point: top of casing 180 degrees from pump electrical conduit 2.36 ft above land-surface datum.

REMARKS.--Well drilled June 8, 1985 by Davis Well Drilling.

WATER-LEVEL RECORDS

PERIOD OF RECORD.--June to August 1999 and August to September 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.00 ft below land-surface datum, June 24, 1999; lowest measured, 60.25 ft below land-surface datum, August 23, 1999.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 60.03 ft below land-surface datum, September 13, 2005; lowest measured, 60.12 ft. below land-surface datum, August 12, 2005.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Water Level (ft)	Date	Water Level (ft)
Aug. 12	60.12	Sept. 13	60.03