

GROUND-WATER LEVEL DATA

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613728149252801. Local number, SB01800127ADBA1034.

LOCATION.--Lat 61°37'28", Long 149°25'28"; in NW¹/₄ SE¹/₄ NE¹/₄ sec. 27, T. 18 N., R. 1 W. (Anchorage C-7 NE quad), Seward Meridian, Hydrologic Unit 19020505. Well located near the southwestern shore of Memory Lake, Wasilla, Alaska.

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

WELL CHARACTERISTICS.--Diameter 6-in. steel casing, depth 100 ft, cased to 100 ft and open at bottom.

INSTRUMENTATION.--Intermittent measurements made by U.S. Geological Survey personnel July 2005 to current year.

DATUM.--Elevation of land-surface datum is 508.57 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, 2.92 ft above land-surface datum.

REMARKS.--Well drilled May 7, 1999 by Wheaton Water Wells, Inc.

WATER-LEVEL RECORDS

PERIOD OF RECORD.--July to September 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 41.93 ft below land-surface datum, July 19, 2005; lowest measured, 42.16 ft below land-surface datum, September 9, 2005.

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

Date	Water Level (ft)	Date	Water Level (ft)
July 19	41.93	Sept. 9	42.16
Aug. 3	42.10		