

GROUND-WATER LEVEL DATA

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613724149252301. Local number, SB01800127ADCA1008.

LOCATION.--Lat 61°37'22", Long 149°25'30"; in SW¹/₄ SE¹/₄ NE¹/₄ sec. 27, T. 18 N., R. 1 W. (Anchorage C-7 SE 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 60 ft, cased to 60 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 493.83 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 45 degrees from pump electrical conduit 2.54 ft above land-surface datum.

REMARKS.--Well drilled April 22, 1983 by Durbin Drilling Company.

WATER-LEVEL RECORDS

PERIOD OF RECORD.--July to September 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 25.75 ft below land-surface datum, September 12, 2005; lowest measured, 26.33 ft below land-surface datum, August 5, 2005.

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

Date	Water Level (ft)	Date	Water Level (ft)
July 29	26.17	Aug. 5	26.33
Aug. 3	26.11	Sept. 12	25.75