

GROUND-WATER LEVEL DATA

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613533149184801. Local number, SA01700105CAAA1031.

LOCATION.--Lat 61°35'32", Long 149°18'55"; in NE¹/₄ NE¹/₄ SW¹/₄ sec. 5, T. 17 N., R. 1 E. (Anchorage C-7 SE quad), Seward Meridian, Hydrologic Unit 19020505. Well located near the southern shore of Cottonwood Lake, Wasilla, Alaska.

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

WELL CHARACTERISTICS.--Diameter 6-in. steel casing, depth 80 ft, cased to 80 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 360.49 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 1.33 ft above land-surface datum.

REMARKS.--Well drilled May 16, 1984 by Durbin Drilling Company.

WATER-LEVEL RECORDS

PERIOD OF RECORD.--July to September 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 41.01 ft below land-surface datum, September 14, 2005; lowest measured, 41.40 ft below land-surface datum, August 8, 2005.

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

Date	Water Level (ft)	Date	Water Level (ft)
July 28	41.29	Sept. 14	41.01
Aug. 8	41.40		