

GROUND-WATER LEVEL DATA

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613442149265201. Local number, SB01700110BCCD3046.

LOCATION.--Lat 61°34'43", Long 149°26'53"; in SW¹/₄ SW¹/₄ NW¹/₄ sec. 10, T. 17 N., R. 1 W. (Anchorage C-7 SW quad), Seward Meridian, Hydrologic Unit 19020505. Well located near the eastern shore of Lucile Lake, Wasilla, Alaska.

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

WELL CHARACTERISTICS.--Diameter 6-in. steel casing, depth 42 ft, cased to 42 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 338.73 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 cover at 9/16-in. inspection plug, 1.79 ft above land-surface datum.

REMARKS.--Well drilled November 21, 1974 by M-W Drilling, Inc.

WATER-LEVEL RECORDS

PERIOD OF RECORD.--July to September 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 15.48 ft below land-surface datum, September 9, 2005; lowest measured, 16.17 ft below land-surface datum, August 15, 2005.

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

Date	Water Level (ft)	Date	Water Level (ft)
July 21	16.08	Sept. 9	15.48
Aug. 15	16.17		