

# GROUND-WATER LEVEL DATA

## SOUTH-CENTRAL ALASKA

### MATANUSKA-SUSITNA BOROUGH

613450149273701. Local number, SB01700109ACCD2016.

LOCATION.--Lat 61°34'43", Long 149°27'47"; in SW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub> sec. 9, T. 17 N., R. 1 W., (Anchorage C-7 SW quad), Seward Meridian, Hydrologic Unit 19020505. Well located near the northeastern 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 342.34 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, 1.20 ft above land-surface datum.

REMARKS.--Well drilled June 16, 1977 by Penn Jersey Drilling Company.

#### WATER-LEVEL RECORDS

PERIOD OF RECORD.--July to September 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 16.70 ft below land-surface datum, September 13, 2005; lowest measured, 17.82 ft below land-surface datum, July 21, 2005.

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

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Date	Water Level (ft)	Date	Water Level (ft)
July 21	17.82	Sept. 13	16.70
Aug. 10	17.63		