

## SOUTH CENTRAL ALASKA

## MUNICIPALITY OF ANCHORAGE

**611725149335401. Local number, SB01400223BCCD1003.**

LOCATION.--Lat 61°17'26", long 149°35'39", in SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> NW<sup>1</sup>/<sub>4</sub> sec.23, T.14 N., R.2 W.(Anchorage B-7SW quad), Hydrologic Unit 19020401, at Anchorage Regional Landfill, Glenn Highway and Hiland Road interchange, Anchorage. Owner: Municipality of Anchorage.

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

WELL CHARACTERISTICS.--Diameter 6 in., depth 132 ft, cased to 118 ft, open hole. Casing perforated from 111 to 117 ft. Bedrock from 117 ft. Driller's log notes casing break at 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked steel tape by U.S. Geological Survey personnel July 1997 to September 1999. electronic data logger from September 3, 1999 to current year.

DATUM.--Elevation of land surface datum is 542.56 ft above sea level (determined by level survey). Measuring point: Top of casing 3.4 ft above land-surface datum.

REMARKS.--Observation well drilled by Municipality of Anchorage, designated as KB-6.

PERIOD OF RECORD.--August 1986, July 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 107.88 ft below land-surface datum, June 7, 2000; lowest, 114.25 ft below land-surface datum, Aug. 21, 1986.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 109.09 ft. below land-surface datum, June 22; lowest, 110.72 ft. below land-surface datum, February 4, result of tapedown, but may have been lower during period of missing record, November 27 to May 2.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY HIGHEST WATER LEVEL

| DAY | OCT    | NOV    | DEC     | JAN | FEB     | MAR | APR     | MAY     | JUN    | JUL    | AUG    | SEP    |
|-----|--------|--------|---------|-----|---------|-----|---------|---------|--------|--------|--------|--------|
| 1   | 110.62 | 110.63 | ---     | --- | ---     | --- | ---     | ---     | 109.42 | 109.12 | 109.57 | 110.31 |
| 2   | 110.62 | 110.63 | ---     | --- | ---     | --- | ---     | ---     | 109.41 | 109.14 | 109.58 | 110.31 |
| 3   | 110.62 | 110.63 | ---     | --- | ---     | --- | ---     | †110.35 | 109.36 | 109.15 | 109.59 | 110.34 |
| 4   | 110.64 | 110.63 | ---     | --- | †110.72 | --- | ---     | 110.32  | 109.32 | 109.15 | 109.62 | 110.38 |
| 5   | 110.63 | 110.63 | ---     | --- | ---     | --- | ---     | 110.30  | 109.31 | 109.15 | 109.64 | 110.39 |
| 6   | 110.65 | 110.63 | ---     | --- | ---     | --- | ---     | 110.28  | 109.30 | 109.19 | 109.67 | 110.40 |
| 7   | 110.65 | 110.63 | ---     | --- | ---     | --- | ---     | 110.27  | 109.28 | 109.19 | 109.70 | 110.41 |
| 8   | 110.65 | 110.60 | ---     | --- | ---     | --- | ---     | 110.25  | 109.25 | 109.20 | 109.72 | 110.41 |
| 9   | 110.65 | 110.63 | ---     | --- | ---     | --- | ---     | 110.23  | 109.22 | 109.20 | 109.75 | 110.42 |
| 10  | 110.66 | 110.63 | ---     | --- | ---     | --- | ---     | 110.21  | 109.20 | 109.22 | 109.76 | 110.41 |
| 11  | 110.66 | 110.59 | ---     | --- | ---     | --- | ---     | 110.19  | 109.18 | 109.24 | 109.79 | 110.42 |
| 12  | 110.66 | 110.61 | ---     | --- | ---     | --- | ---     | 110.15  | 109.17 | 109.25 | 109.84 | 110.45 |
| 13  | 110.66 | 110.64 | ---     | --- | ---     | --- | ---     | 110.12  | 109.16 | 109.26 | 109.86 | 110.45 |
| 14  | 110.65 | 110.64 | ---     | --- | ---     | --- | ---     | 110.09  | 109.15 | 109.27 | 109.89 | 110.47 |
| 15  | 110.64 | 110.63 | ---     | --- | ---     | --- | ---     | 110.07  | 109.15 | 109.29 | 109.91 | 110.47 |
| 16  | 110.63 | 110.65 | ---     | --- | ---     | --- | ---     | 110.05  | 109.13 | 109.29 | 109.94 | 110.48 |
| 17  | 110.65 | 110.65 | ---     | --- | ---     | --- | ---     | 110.02  | 109.13 | 109.31 | 109.97 | 110.48 |
| 18  | 110.64 | 110.64 | ---     | --- | ---     | --- | ---     | 109.99  | 109.12 | 109.32 | 110.00 | 110.47 |
| 19  | 110.65 | 110.66 | ---     | --- | ---     | --- | †110.60 | 109.94  | 109.11 | 109.34 | 110.01 | 110.45 |
| 20  | 110.65 | 110.63 | ---     | --- | ---     | --- | ---     | 109.89  | 109.11 | 109.36 | 110.04 | 110.47 |
| 21  | 110.65 | 110.63 | ---     | --- | ---     | --- | ---     | 109.85  | 109.10 | 109.39 | 110.06 | 110.50 |
| 22  | 110.63 | 110.66 | ---     | --- | ---     | --- | ---     | 109.80  | 109.09 | 109.39 | 110.08 | 110.49 |
| 23  | 110.66 | 110.62 | ---     | --- | ---     | --- | ---     | 109.76  | 109.10 | 109.41 | 110.10 | 110.50 |
| 24  | 110.62 | 110.64 | ---     | --- | ---     | --- | ---     | 109.68  | 109.10 | 109.43 | 110.13 | 110.52 |
| 25  | 110.64 | 110.66 | ---     | --- | ---     | --- | ---     | 109.68  | 109.10 | 109.45 | 110.16 | 110.48 |
| 26  | 110.66 | 110.66 | ---     | --- | ---     | --- | ---     | 109.65  | 109.10 | 109.44 | 110.17 | 110.45 |
| 27  | 110.66 | ---    | ---     | --- | ---     | --- | ---     | 109.59  | 109.11 | 109.46 | 110.20 | 110.54 |
| 28  | 110.65 | ---    | ---     | --- | ---     | --- | ---     | 109.57  | 109.11 | 109.48 | 110.24 | 110.51 |
| 29  | 110.65 | ---    | ---     | --- | ---     | --- | ---     | 109.53  | 109.11 | 109.53 | 110.26 | 110.51 |
| 30  | 110.63 | ---    | †110.69 | --- | ---     | --- | ---     | 109.49  | 109.12 | 109.54 | 110.28 | 110.50 |
| 31  | 110.63 | ---    | ---     | --- | ---     | --- | ---     | 109.46  | ---    | 109.55 | 110.29 | ---    |

† Result of tapedown